CITY COMMISSION

REGULAR MEETING AGENDA

MONDAY, OCTOBER 13, 2025 - 6:30 PM

CITY HALL - COMMISSION CHAMBERS

1126 EAST STATE ROAD 434, WINTER SPRINGS, FLORIDA

CALL TO ORDER

Roll Call
Invocation
Pledge of Allegiance
Agenda Changes

AWARDS AND PRESENTATIONS

100. Waste Pro Annual Performance Review
Waste Pro of Florida Solid Waste Agreement 2006 03 01.pdf
Winter Springs 2025 WastePro Survey Report.pdf
2025 Winter Springs .pdf

INFORMATIONAL AGENDA

200. Not Used

PUBLIC INPUT

Anyone who wishes to speak during Public Input on any Agenda Item or subject matter will need to fill out a "Public Input" form. Individuals will limit their comments to three (3) minutes, and representatives of groups or homeowners' associations shall limit their comments to five (5) minutes, unless otherwise determined by the City Commission.

CONSENT AGENDA

300. Surplus Assets
Surplus Assets 10.13.25.pdf

301. Police Vehicle Purchase
Estimate_1158_from_Lights_N_More_Installations_LLC (003) FY 26 Quote.pdf
City of Winter Springs Contract Lights N More.pdf
Alan Jay Fleet Sales Quote_001.pdf
National Auto Fleet 032824-NAF - Price Information.pdf
National Auto Fleet Contract 032824.pdf
National Auto Fleet 091521-NAF Pricing - new.pdf
00003514__National Auto Fleet Contract Extension.pdf
National Auto Fleet Contract 091521.pdf
FY 26 Alan Jay Vehicle Quote.pdf
National Auto Fleet Build MSRP Price.pdf
2026 SOURCEWELL 091521-NAF 032824-NAF PRICE SCHEDULEv4 Alan Jay Sales.pdf

302. Purchase of the MVB3X Modular Vehicle Barrier System with Storage Solution
AST - Sole Source Letter Winter Springs.pdf

303. Resolution No. 2025-08 Updating the Parks & Recreation Fee Schedule and Establishing a Veterans Banner Program

Resolution 2025-08: Establishing Veteran Banner Program and Amending Fee Schedule.pdf
Veterans Banner (17 x 36 in).png

304. Proposed 2026 Meeting and Holiday Calendar
2026 Calendar for Meetings and Holidays - PROPOSED.pdf

305. Approval of the Minutes: Monday, September 8, 2025 City Commission Regular Meeting
2025 09 08 City Commission Regular Meeting Minutes.pdf

306. Approval of the Minutes: Tuesday, September 9, 2025 City Commission Special Meeting
2025 09 09 City Commission Special Meeting Minutes.pdf

307. Approval of the Minutes: Monday, September 22, 2025 City Commission Regular Meeting
2025 09 22 City Commission Regular Meeting Minutes.pdf

PUBLIC HEARINGS AGENDA

Pursuant to F.S. § 286.0115, if the mayor or any city commissioner receives and/or sends ex parte communications regarding any application filed with the city, the mayor or any city commissioner must publicly disclose such communications before or during the hearing at which a vote is taken on the quasi-judicial matter, so that persons who have opinions contrary to those expressed in the ex parte communications are given a reasonable opportunity to refute or respond to the communications.

400. Wawa at Winter Springs Marketplace, SR 434 and Tuskawilla Road – Conditional Use Application, Site Plan/Final Engineering, Aesthetic Review, Waivers, and Development Agreement.
Wawa Staff Report CC 10.13.2025.pdf
2ndModification_WinterSpringsMarketplaceDevelopmentAgreement_Wawa_CC 10-8-25.pdf
400 - Presentation Wawa- CC 10.13.2025.pdf
Applicant Presentation: Winter Springs Marketplace_Wawa_City Council Meeting_10-13-25.pdf
Fig 1 Community Workshop Flyer.pdf
Fig 2 Community Workshop SignIn.pdf
Fig 3 Preliminary Requirments.PDF
Fig 4 Preliminary Requirements - Applicant Response.pdf
Fig 5 Revised C0.0 & C4.0 Civil Site Plan 09.02.2025.pdf
Fig 6 Wawa Civil Site Plan 08.28.2025.pdf
Fig 7 Landscape Plan 07.29.2025.pdf
Fig 8 Master Sign Plan.pdf
Fig 9 Traffic Impact Analysis Review.PDF
Fig 10 Parking Analysis.pdf
Fig 11 Elevations Building.pdf
Fig 12 Proposed Building-Canopy Renderings.pdf

Fig 13 Setback Waiver Justification.PDF
Fig 14 Monument Sign Waiv Justi.pdf
Fig 15 Streetscape Waiver Justi.pdf
Fig 16 Conditional Use Justific.PDF
Fig 17 Site Plan Review App.pdf
Fig 18 Aesthetic Review App.PDF
Fig 19 Dev Agreement App.PDF
Fig 20 Monument Sign Waiv App.pdf
Fig 21 Setback Waiver App.PDF
Fig 22 Conditional Use App.PDF
Fig 23 Drainage Report.pdf
Fig 24 Potable Water Analysis.pdf
Fig 25 Listed Wildlife Species Survey.pdf
Fig 26 Streetscape Waiver App.pdf
Fig 27 Preliminary Geotechnical Engineering Report.pdf
Fig 28 Wawa Winter Springs TIA.pdf
Fig 29 Wawa Economic Fiscal Impact.pdf

401. Winter Springs Marketplace Additional Parking – Site/Final Engineering and Development Agreement.
WSMP Parking Staff Report CC 10.13.pdf
3rdModification_WinterSpringsMarketplaceDevelopmentAgreement_AdditionalParking 7-25.pdf
FEDP-2025-0017 - CW Flyer.pdf
FEDP-2025-0017 - CW Sign-In Sheet.pdf
FEDP-2025-0017 - WSMP Add'l Parking Site Plan.pdf
FEDP-2025-0017 - Parking Study.pdf
FEDP-2025-0017 - Eco Report.pdf
FEDP-2025-0017 - Geotechnical Report.pdf
DVAG-2025-0011 v3.pdf
FEDP-2025-0017 - Application.pdf
DVAG-2025-0011 - Application.PDF
Staff Presentation: WSMP Add'l Parking 10.13.25.pdf

REGULAR AGENDA

500. Electric Vehicle Charging Discussion

501. Consideration of Presenting Charles Lacey with a Key to the City

502. Matters Related to Boards and Committees

503. New Business

REPORTS

600. City Manager Kevin A. Sweet
601. City Attorney Anthony A. Garganese
602. City Clerk Christian Gowan
603. Seat Four Commissioner/Deputy Mayor Cade Resnick
604. Seat Five Commissioner Mark Caruso
605. Mayor Kevin McCann
606. Seat One Commissioner Paul Diaz
607. Seat Two Commissioner Victoria Bruce
608. Seat Three Commissioner Sarah Baker

PUBLIC INPUT

Anyone who wishes to speak during Public Input on any Agenda Item or subject matter will need to fill out a "Public Input" form. Individuals will limit their comments to three (3) minutes, and representatives of groups or homeowners' associations shall limit their comments to five (5) minutes, unless otherwise determined by the City Commission.

ADJOURNMENT

PUBLIC NOTICE

This is a Public Meeting, and the public is invited to attend and this Agenda is subject to change. Please be advised that one (1) or more Members of any of the City's Advisory Boards and Committees may be in attendance at this Meeting, and may participate in discussions.

Persons with disabilities needing assistance to participate in any of these proceedings should contact the City of Winter Springs at (407) 327-1800 "at least 48 hours prior to meeting, a written request by a physically handicapped person to attend the meeting, directed to the chairperson or director of such board, commission, agency, or authority" - per Section 286.26 *Florida Statutes*.

"If a person decides to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based" - per Section 286.0105 Florida Statutes.

AWARDS AND PRESENTATIONS ITEM 100

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Waste Pro Annual Performance Review

SUMMARY

In accordance with Section 35 of the City' s Solid Waste Agreement with Waste Pro of Florida, Inc., the City initiated the attached "City of Winter Springs Customer Satisfaction with Waste Management Services" to determine a customer satisfaction rating for solid waste collection services provided by Waste Pro of Florida, Inc. As in previous years, the survey was conducted by the University of Central Florida's Institute for Social and Behavioral Sciences.

The survey questionnaire (Appendix A) was approved by the City and Waste Pro staff. Data collection for the questionnaire was coded into an online surveying platform, Qualtrics. To facilitate distribution of the survey online, customer email addresses were provided by the City of Winter Springs and an email was sent to residents with a link to the survey. The survey allowed for responses to be received from June 16, 2025 to June 25, 2025.

According to the survey results, of the 500 Waste Pro customers who submitted a survey, 496 customers responded to the following question:

“As you probably know, solid waste in Winter Springs is picked up by a private contractor, Waste Pro. All in all, are you satisfied or unsatisfied with the trash collection services you receive at your place of residence?”

The results show that customer satisfaction with Waste Pro was 90.7% which exceeds the 90% satisfaction rating required for an annual performance bonus. City staff has reviewed the submitted, additional comments and forwarded to Waste Pro as appropriate for processing with their customer service team. Per Agreement Section 35.0 the contractor is entitled to the performance bonus when they receive a customer satisfaction rating of 90% or greater.

FUNDING SOURCE

This bonus is funded from the Solid Waste Fund. The Bonus amount of $15,000 has been reduced by $1,982 to cover half of the cost of the survey.

RECOMMENDATION

Staff recommends City Commission to review the attached survey results and presentation from Waste Pro.

SOLID WASTE AGREEMENT

THIS AGREEMENT made and entered into this 1st day of March, 2006, by and between the CITY OF WINTER SPRINGS, FLORIDA, a Florida Municipal Corporation, located at 1126 E. State Road 434, Winter Springs, Florida 32708 (hereinafter "City") and WASTE PRO OF FLORIDA, INC., a Florida Corporation, located at 2101 West SR 434, Suite 301, Longwood, Florida 32779 (hereinafter "Contractor").

WITNESSETH:

WHEREAS, there is an immediate and continuing need for the collection and disposal of bulk trash, refuse, vegetative waste, recyclable materials, white goods, and construction and demolition debris from residents, businesses, and other entities within the municipal boundaries of the City of Winter Springs; and

WHEREAS, Contractor has the necessary equipment, personnel, and experience to properly perform the collection and disposal services described herein; and

WHEREAS, it appears to be in the best interests of the public health, safety, and welfare of the citizens of the City of Winter Springs and its resident businesses and entities to award a franchise to Contractor to provide for the collection and disposal of bulk trash, refuse, vegetative waste, and recyclable materials upon the terms and conditions more particularly described herein.

NOW THEREFORE, in consideration of the mutual covenants, agreements, and consideration contained herein, the City and Contractor agree as hereinafter set forth:

1.0 Recitals. The foregoing recitals are true and accurate and are incorporated herein by reference.

2.0 Definitions. The following words and phrases contained in this Agreement shall have the meaning set forth in this section unless the context clearly indicates otherwise:

2.1 Authorized Representative: Shall mean the City Manager or his designee who shall represent the City in the administration and supervision of the Agreement. The City Manager's designee, if any, shall be appointed in writing, and said appointment may be for the administration and supervision of this Agreement, in whole or in part.

2.2 Biohazardous Waste: Shall mean any solid waste or liquid waste which may present a threat of infection or disease to humans or may reasonably be suspected of harboring pathogenic organisms. The term includes, but is not limited to, non-liquid human tissue and body parts; laboratory and veterinary waste which contain human-disease-causing agents; used or contaminated disposable sharps (e.g. hypodermic

needles, syringes, broken glass, and scalpel blades), human blood, and human blood products and body fluids; and other materials which in the opinion of the Department of Health and Rehabilitative Services represent a significant risk of infection to persons outside the generating facility.

2.3 **Biological Waste:** Shall mean solid waste that cause or has the capability of causing disease or infection and includes, but is not limited to, Biohazardous waste, diseased or dead animals, and other waste capable of transmitting pathogens to humans or animals.

2.4 **Bulk Trash:** Shall mean any item which cannot be containerized, bagged or bundled; including, but not limited to, inoperative and discarded bicycles, household goods, and furniture. Bulk trash shall not include white goods and shall not be commingled with vegetative waste.

2.5 **City:** Shall mean the City of Winter Springs, a Florida Municipal Corporation located in Seminole County, Florida, acting through its City Commission or Authorized Representative.

2.6 **City Commission:** Shall mean the City Commission of the City of Winter Springs, Florida.

2.7 **City Code or Code:** Shall mean the Code of Ordinances of the City of Winter Springs, Florida.

2.8 **Collection and Disposal Service** : Shall mean the process whereby refuse, bulk trash, vegetative waste, or recyclable material is collected and transported for disposal by Contractor under this Agreement to a designated facility or some other approved disposal facility.

2.9 **Collection and Disposal Equipment:** Shall mean any vehicle and equipment that are used by Contractor to perform the collection and disposal service required by this Agreement including, but not limited to, all vehicles, mechanical containers, mechanical carts, and all other equipment.

2.10 **Collection Vehicle:** Shall mean any vehicle that is used by Contractor to perform the collection and disposal service required by this Agreement.

2.11 **Collection Regulations:** Shall mean any local, state, and federal laws and administrative rules that regulate any and all aspects of collection and disposal services, as may be in existence during the term of this Agreement.

2.12 **Commercial Service:** Shall herein refer to the collection and disposal service provided to business establishments, churches, schools, multiple dwelling units, office buildings and other commercial establishments.

2.13 **Commercial Trash:** Shall mean any and all accumulations of paper, rags, excelsior or other packing materials, furniture, appliances, wood, paper or cardboard boxes or containers, sweepings, and any other similar accumulation not included under the definition of garbage, generated by the operation of stores, offices, and other commercial establishments. Commercial trash shall not include special waste.

2.14 **Complaint:** Shall mean verbal or written indication from a customer or the Authorized Representative of a problem with any aspect of the collection and disposal services provided by Contractor pursuant to this Agreement, whether or not the problem results in a service call by Contractor.

2.15 **Construction and Demolition Debris:** Shall have the same meaning proscribed in 62-701.200(27), Florida Administrative Code, which at the effective date of this Agreement means:

Discarded materials generally considered to be not water soluble and non-hazardous in nature, including but not limited to steel, glass, brick, concrete, asphalt material, pipe, gypsum wallboard, and lumber, from the construction or destruction of a structure as part of a construction or demolition project or from the renovation of a structure, including such debris from construction of structures at a site remote from the construction or demolition project site. The term includes rocks, soils, tree remains, trees, and other vegetative matter which normally results from land clearing or land development operations for a construction project; clean cardboard, paper, plastic, wood, and metal scraps from a construction project. Further, except as provided in Section 403.707(12)(j), Florida Statutes, this term shall also include unpainted, non-treated wood scraps from facilities manufacturing materials used for construction of structures or their components and unpainted, non-treated wood pallets provided the wood scraps or pallets are separated from other solid waste where generated and the generator of such wood scraps or pallets implements reasonable practices of the generating industry to minimize the commingling of wood scraps or pallets with other solid waste; and de minimis amounts of other nonhazardous wastes that are generated at construction or demolition projects, provided such amounts are consistent with best management practices of the construction and demolition industries. Mixing of construction and demolition debris with other types of solid waste will cause it to be classified as other than construction and demolition debris.

2.16 **Contract or Agreement:** Shall mean this Contract, and any amendments and renewals from time to time, executed by the City and the Contractor for the performance of the collection and disposal services described herein.

2.17 **Contractor or Franchisee** : Shall mean Waste Pro of Florida, Inc., a Florida Corporation, and its directors, officers, employees, agents, contractors, and assigns.

2.18 CPI: Shall mean the Consumer Price Index (1982-84=100) for the U.S. City average - all items - all urban customers - published by the United States Department of Labor, Department of Labor Statistics.

2.19 **Customer:** Shall mean City and any person, establishment or entity who receives, is required to receive, or requests collection and disposal services within the service area.

2.20 **Designated Facility:** Shall mean a disposal processing, recovery, recycling or transfer facility designated by the Authorized Representative.

2.21 **Disposal Costs:** Shall mean the "tipping fees" or landfill costs charged to the Contractor by others for the disposal of waste collected by the Contractor in performing collection and disposal services provided hereunder.

2.22 **Dispute:** Shall mean a disagreement between Contractor and City concerning a question of fact, interpretation of this Agreement, Contractor's compliance and performance with the terms and conditions of this Agreement, and Contractor's level of service provided while performing collection and disposal services. A dispute does not include a disagreement concerning an annual evaluation as provided in paragraph 9.3.

2.23 **Franchise:** Shall mean an initial authorization or renewal thereof, voluntarily entered into by the Contractor and issued by the City, whether such authorization is referred to as a franchise permit, license, ordinance, resolution, agreement, contract or otherwise, which authorizes collection and disposal services within the service area. All Franchises shall be presumed to be non-exclusive unless otherwise specifically authorized by City in writing. Any such authorization, in whatever form granted, shall not mean or include any franchise or permit required for the privilege of transacting and carrying on a business within the service area as required by other Code provisions and ordinances of the City.

2.24 **Garbage:** Shall mean all putrescible waste which generally includes, but is not limited to, kitchen and table food waste, animal, vegetative, food or any organic waste that is attendant with or results from the storage, preparation, cooking or handling of food materials whether attributed to residential or commercial activities. Garbage shall not include special waste.

2.25 **Hazardous Waste:** Shall mean waste defined as hazardous waste pursuant to local, state, and federal law.

2.26 **Household Trash:** Shall mean the accumulation of paper, excelsior, rags, wooden or paper boxes and containers, sweepings, broken toys, tools, utensils, whole automobile tires (not to exceed an amount permitted by the designated facility), construction and demolition debris from "do-it-yourself' projects not to exceed two cubic yards per customer per collection, and all other accumulations of a similar nature other than garbage and vegetative waste, which are usual to housekeeping, do-it-yourself home improvements, and home occupations (as defined by City Code).

2.27 **Mechanical Cart:** Shall mean a plastic a sixty-four (64) or ninety (96) gallon toter cart with wheels dumped mechanically by a collection vehicle and able to be serviced by Contractor.

2.28 **Mechanical Container:** Shall mean and include plastic or metal containers 2 cubic yards and greater dumped mechanically by a collection vehicle and able to be serviced by Contractor including, but not limited to, dumpsters, front load and compaction type containers. However, Mechanical container does not include mechanical carts.

2.29 **Multiple Dwelling Units:** Shall mean any building containing three (3) or more permanent living units, not including motels and hotels, and any mobile home park, which, at the sole discretion of the City, receives a dumpster or roll off service rather than curbside individual services.

2.30 **Performance and Payment Bond or Letter of Credit** : Shall mean the form of security approved by the City and furnished by the Contractor as required by this Contract as a guarantee that the Contractor will perform the collection and disposal services in accordance with the terms of the Contract.

2.31 **Recyclable Materials:** Shall mean newspapers (including inserts), magazines, mixed office paper, aluminum cans, steel cans, tin cans, plastic containers (coded 1, 2 or 3),cereaVsnack boxes without wax paper lining, junk mail, amber, clear and green glass bottles and jars, and other solid waste materials added upon written Agreement between the City and the Contractor, when such materials have been either diverted from the remaining solid waste stream or removed prior to their entry into the remaining solid waste stream. Recyclable materials shall not include containers that previously held toxic material, cardboard boxes that have not been flattened and stacked under the recycle bin, and plastic grocery bags.

2.32 **Recycling:** Shall mean any process by which recyclable materials are collected, separated, and processed for purposes of extracting or reusing the raw materials contained in the recyclable materials.

2.33 **Recycling Container:** Shall mean a fourteen (14) gallon recycling bin used by residential customers and one or more forty-five (45), sixty (60) or ninety (90) gallon

recycling center bins for commercial and multiple dwelling unit customers, or other types of recycling bins approved by the Authorized Representative, to store recyclable materials for collection and disposal service.

2.34 **Refuse:** Shall mean commercial trash, household trash and garbage, or a combination or mixture thereof.

2.35 **Refuse Container:** Shall mean a plastic or galvanized metal can, of a type which is commonly sold as a garbage can, which does not exceed ninety-five (95) gallon capacity or fifty (50) pounds in weight when full. Each such can shall have two (2) handles upon the sides of the can or a bail by which it may be lifted by a person and shall have a tight fitting top and shall also mean disposal plastic or paper bags (with or without sack holders and not less than 1 mm thick) of a type which is acceptable to be used for refuse storage and disposal.

2.36 **Rolloff Container:** Shall mean a dumpster which is used for the collection and disposal of construction and demolition debris or solid waste. The rolloff container may be of the open or enclosed variety and is typically hoisted onto a specifically equipped truck for transporting the construction and demolition debris or solid waste to a designated facility.

2.37 **Residential:** Shall mean single family detached homes, duplexes and multifamily dwelling units and mobile home parks with curbside individual service.

2.38 **Residential Service:** Shall mean collection and disposal services provided to persons occupying residential dwelling units who are not receiving commercial service under this Agreement.

2.39 **Service Area:** Shall mean the area within the municipal boundaries of the City of Winter Springs, Florida, as may be modified from time to time pursuant to Chapter 171, Florida Statutes.

2.40 **Sludge:** Shall mean the accumulated solids, mixed liquids, residues, and precipitates generated from wastewater treatment, water supply treatment, air pollution control facilities, septic tanks, grease traps, privies, or similar waste disposal appurtenances.

2.41 **Solid Waste:** Shall mean bulk trash, refuse, vegetative waste, recyclable materials, and white goods or any combination thereof.

2.42 **Special Waste** : Shall mean solid wastes that require special handling and management by Contractor, and which are not accepted at the designated facility or other disposal facility or which are accepted at the designated facility or other disposal facility at higher rates than is charged for refuse, including, but not limited

to, asbestos, whole tires which do not constitute household trash, used oil, lead-acid batteries, and biohazardous wastes.

2.43 **Transfer** means the disposal by this Agreement, directly or indirectly, by gift, assignment, voluntary sale, merger, consolidation or otherwise, of twenty-five percent (25%) or more at one time of the ownership or controlling interest of Contractor, or fifty percent (50%) cumulatively over the term of the Agreement of such interests to a corporation, partnership, limited partnership, trust or association, or person or group of persons acting in concert or a change in control. Transfer shall not include any transfer or assignment to a person controlling, controlled by, or under the same common control as the Contractor at the effective date of this Agreement. Moreover, Transfer shall not mean a public offering issuance which either changes the Contractor status from a privately held corporation to that of a publicly held corporation or which is intended to provide additional capitalization for the Contractor, provided the public offering does not result in a change in Contractor's management personnel.

2.44 **Vegetative Waste:** Shall mean any and all vegetative matter resulting from routine and normal yard and landscaping maintenance generated on site and shall include materials such as tree and shrub materials, grass clippings, palm fronds, Christmas trees, tree branches and similar vegetative matter usually produced in the care of lawns, landscaping and yards. Vegetative waste shall include any identified excess piles considered collectible only by means of a "cherry Picker" type collection vehicle.

2.45 **White Goods:** Shall mean any non-vegetative item which cannot be containerized, bagged, or bundled such as inoperative and discarded refrigerators, ranges, toilets, washers, dryers, bath tubs, water heaters, sinks, and other similar appliances. White goods shall not include bulk trash and shall not be commingled with vegetative waste or bulk trash.

3.0 **Grant of Franchise.** There is hereby granted to Contractor an exclusive right, privilege or franchise to collect and transport for disposal solid waste and construction and demolition debris within the service area, during the term of this Agreement and subject to the limitations and conditions as set forth in this Agreement. All rights granted to Contractor hereunder shall be subject to the continuing right of the City to regulate the City's rights-of-way and to protect the public health, safety, and welfare as shall, at the sole discretion of the City, be in the public's interest. The grant of this franchise shall not affect the City's right to provide collection and disposal services not expressly and unambiguously provided hereunder to Contractor on an exclusive basis or during an emergency. In the event of any conflict or ambiguity hereunder as to whether a collection and disposal service is exclusively granted to Contractor, the conflict or ambiguity shall be construed as granting Contractor a non-exclusive franchise with respect to the collection and disposal service at issue. Nothing

under this Agreement shall be construed as providing any franchise for collection and disposal services not expressly provided for hereunder.

4.0 **Scope of Work.** It is the intent of this franchise to provide for the exclusive collection and disposal service of solid waste and construction and demolition debris within the service area, with the exception of the exclusions specifically set forth in this Agreement. Contractor shall perform the collection and disposal service under the following terms and conditions, all of which shall be a material part of this Agreement:

4.1 **General Requirements:** Contractor shall fully comply with the following:

A. **Laws and Regulations.** Contractor shall be familiar and comply with all collection regulations and shall be solely responsible for determining, absorbing, and adjusting to the financial and practical impact such regulations have on its operation, subject to Contractor's ability to petition the City Commission for a rate adjustment pursuant to paragraph 5.6 of this Agreement.

B. **Labor, Insurance, Equipment, etc.** Contractor shall provide, at its sole cost and expense, all labor, insurance, supervision, machinery, equipment, plant and office buildings, trucks, and other tools, equipment, and accessories necessary to perform the collection and disposal services in accordance with the level of service required by this Agreement.

C. **Protection of Public/Private Property and Utilities.** Contractor shall conduct his work in such a manner as to avoid damage to private or public property and shall repair or pay for any damage caused by its operations, except reasonable wear and tear to roadways. Contractor shall have knowledge of all existing utilities and it shall operate with due care in the vicinity of such utilities and shall repair or have repaired, at no additional cost to the customer or utility owner, any breakage or damage caused by its operations.

D. **Spillage.** Contractor shall not cause any spillage of solid waste to occur upon private or public property or the rights-of-way wherein the collection and disposal service occurs. Collection and disposal service shall be performed by Contractor to avoid leaking, spilling, and blowing of solid waste. In the event of any spillage caused by Contractor, Contractor shall immediately clean up all spillage at its expense. In order to be the first responder to spillage incidents, Contractor shall maintain a certified spill cleanup kit, acceptable to the City, on each and every vehicle servicing the City including the vehicles used by supervisors. Such kit shall include at a minimum a pitch fork, broom, absorbent pads, , and shovel to pick up and contain spillage. In

addition, Contractor shall immediately clean up all fluid spillage from collection equipment to the maximum extent feasible and promptly notify the Authorized Representative of all such fluid spillage.

E. **Designated Facility.** All solid waste shall be hauled to a desi$_{g\,n}$ated facility as directed in writing by the Authorized Representative and disposed of at those facilities. At present such designated facility includes the Seminole County disposal facility for class I & class III waste and any licensed construction and demolition debris facility for construction and demolition debris, provided the GEL facility in Volusia County shall be used as the basis for determining the cost to dispose of construction & demolition debris.

F. **Holidays.** Unless otherwise directed by the Authorized Representative in writing, Contractor shall provide collection and disposal service on holidays observed by the City, except Memorial Day, Independence Day, Labor Day, Thanksgiving, Christmas, and New Years Day. Any disposal and collection service that would have been regularly provided, but were not provided at the direction of the Authorized Representative, shall be provided the next regularly scheduled pick-up day after the holiday. Contractor shall inform the customers of any variance in the collection schedules resulting from a holiday at least five (5) days prior to each holiday.

G. **Contractor's Office.** Contractor shall provide, at its sole cost and expense, a suitable office located within reasonable proximity to the service area. Within said office, Contractor shall maintain, during Contractor's normal working hours, a staff and a local telephone number where complaints and requests for collection and disposal service shall be received, recorded in a log, and handled during Contractor's normal working hours. The office shall also provide for a means to promptly handle emergency complaints and requests for service.

H. **Litter and Dangerous Animals.** Contractor shall not be responsible for scattered solid waste which can be categorized as litter unless the same has been caused by Contractor's acts or omissions, in which case, all such scattered solid waste shall be picked up immediately by Contractor. Contractor shall maintain sufficient equipment on each collection vehicle (e.g. pitch fork, broom, shovel) to pick up such scattered solid waste. Contractor shall not be required to expose themselves to the danger of being bitten by vicious dogs and animals, roaming at large, in order to accomplish collection and disposal services. However, in the event Contractor is unable to provide collection and disposal services to a customer under such conditions, Contractor shall immediately notify the customer, in writing, of

such conditions and its inability to provide such collection and disposal services.

I. **Hours and Days** . Except for unusual circumstances approved by the Authorized Representative in writing or as otherwise provided elsewhere in this Agreement, Contractor shall not perform collection and disposal services prior to 7:00 A.M. or after 7:00 P.M., E.S.T., Monday through Saturday. No collection and disposal services shall normally occur on holidays designated in paragraph 4.1 (F) or on Sundays unless Sunday pickup is authorized in writing by the Authorized Representative.

J. **Tagging Solid Waste Improperly Containerized.** In the event solid waste is not containerized, bundled, or piled pursuant to this Agreement and Contractor does not perform collection and disposal services regarding such solid waste, Contractor shall tag the container, bundle, or pile or subject property with a written notice containing a brief explanation why the container, bundle, or pile was not collected and disposed of and promptly notify the Authorized Representative. The solid waste shall be collected and disposed of at the next regularly scheduled collection day, provided the solid waste is properly containerized, bundled, or piled.

K. Customer Report; City Billing Database. Contractor and City agree that the monthly customer report required to be maintained and filed by Contractor pursuant to paragraph 19.3(A) is vital to keeping an accurate account of all customers receiving collection and disposal services under this Agreement and for ensuring accurate billing of customers by City. To this end, Contractor and City agree that each party must diligently maintain an accurate, up-to-date list of customers and the collection and disposal services received by those customers. The Contractor shall promptly notify the City of any new and existing Customers requesting collection and disposal services and any current Customers terminating such services.

L. **Handling of Freon White Goods/Solid Waste.** Contractor shall be responsible for properly disposing of all white goods and solid waste that contain freon in accordance with law.

4.2 **Residential Service.** Contractor shall provide residential collection and disposal service to residential customers as follows:

A. Frequency of Collection. Contractor shall provide collection and disposal services for household trash and garbage at least two (2) times per week, with collections at least three (3) days apart, and for bulk trash, vegetative waste, and recyclable materials not less than once per week. All collection route

cycles shall be subject to the prior written approval of the Authorized Representative. Special pick-ups, including pick-ups of white goods, shall be provided on an "as needed basis" and shall be allowed on any day, except Sundays.

B. **Point of Collection.** Collection of household trash, garbage, bulk trash, vegetative waste, and recyclable materials shall be within five (5) feet of curbside. In the event an appropriate location cannot be agreed upon by the customer and Contractor, the Authorized Representative shall designate the location. The Contractor and Authorized Representative shall mutually agree upon point of collection locations for non-conforming service areas. For customers that are need of special assistance (e.g., certified by a doctor as disabled and are unable to place household trash, garbage, or recyclable materials at the curb), the Authorized Representative, at his discretion, shall establish, and notify the Contractor of, special handling instructions for the benefit of the customer. Such special handling instructions may include collection from the customer's garage door or some other location acceptable to the customer.

C. **Containers and Preparation.**

1. **Household Trash and Garbage.** Contractor shall be required to provide collection and disposal services for all household trash and garbage generated from residential customers which has been properly prepared and stored in a refuse container or mechanical cart. If mechanical carts are used, Contractor shall be required to provide an adequate number of mechanical carts at Contractor's expense.
2. **Recyclable Materials.** Contractor shall be required to provide collection and disposal services for all recyclable materials generated from residential customers which have been properly prepared and stored in a recycling container.

3. **Vegetative Waste.** Contractor shall be required to provide collection and disposal services for all vegetative waste generated from residential customers provided tree limbs, tree trunks, palm fronds, etc., shall be cut in lengths of no greater than five (5) feet in length and shall not exceed fifty (50) pounds per limb, trunk, frond, or bundle thereof. Additionally, vegetative waste shall be properly prepared and stored in refuse containers, specialized vegetative trash bags approved by the designated facility, or placed in orderly piles. A special pickup will be required when a "Cherry Picker" type collection vehicle is required to collect excess piles of vegetative waste in excess of the maximum length and poundage set forth in this paragraph. If an

excess pile exists, the Contractor's route driver shall identify the excess pile and immediately notify his supervisor of the date the pile is identified and the location and size of the pile. The supervisor shall then immediately provide said information to the Authorized Representative. Within three (3) business days, the Contractor shall collect and dispose of the excess pile regardless of the diameter and weight of the vegetative waste.

4. **Bulk Trash and White Goods** . Contractor shall be required to provide collection and disposal services for all bulk trash and white goods generated from residential customers regardless of whether they are containerized.

4.3 **Commercial Service.** Contractor shall provide commercial collection and disposal service to commercial customers as follows:

A. **Frequency of Collection.** Contractor shall provide collection and disposal services for commercial trash and garbage at least one (1) time per week for customers that generate dry waste, at least two (2) times per week for customers that generate putrescible waste (e.g. restaurants), and more frequently as mutually agreed to by Contractor and the commercial customer and/or required by the City. Vegetative waste and recyclable materials (if vegetative waste and/or recyclable material service is requested by customer) shall be picked up not less than once per week or more frequently as required by the City. Special pick-ups, including pick-ups of white goods, shall be provided on an "as needed basis" and shall be allowed on any day, except Sundays.

B. **Point of Collection.** Collection of commercial trash, garbage, vegetative waste, and recyclable material shall be at a location mutually agreed upon by the customer and Contractor, and approved by the Authorized Representative. If mutual agreement cannot be reached between customer and Contractor, the Authorized Representative shall designate the location. However, in the event the location was approved as part of a City or County site plan or development review process, the location shall be as shown on the final approved site or development plan. To the maximum extent feasible, the designated location shall be located in a place that provides for safe, convenient, and expedient access by Contractor.

C. **Containers and Preparation.**

1. **Commercial Trash and Garbage.** Contractor shall be required to provide collection and disposal services for all commercial trash and

garbage generated by commercial customers which has been properly prepared and stored in a refuse container, mechanical cart, mechanical container, rolloff container, or compactor under the following conditions:

a. Upon approval of the City, Customers shall be permitted to use refuse containers provided the amount of commercial trash and garbage per collection can be stored in a maximum of four (4) refuse containers or two (2) mechanical carts; otherwise, customers shall be required to use one or more of the following: mechanical containers, compactor service, or rolloff containers.

b. Contractor shall be required to provide an adequate number of mechanical containers, mechanical carts, compactors, or rolloff containers to customers. Mechanical containers, mechanical carts, and rolloff containers shall be provided at Contractor's sole expense and shall remain the property of Contractor, unless the mechanical container, mechanical carts, or rolloff container is owned by the customer. Compactors shall be provided as mutually agreed to by Contractor and customer and City.

2. **Recyclable Materials.** Contractor may provide collection and disposal services for recyclable materials generated from commercial customers who specifically request such service or as required by City. If requested, recyclable materials shall be properly prepared and stored in a recycling container.

3. **Vegetative Waste.** Contractor shall be required to provide collection and disposal services for all vegetative materials generated from commercial customers who specifically request such service or as required by City. If requested, vegetative waste shall be containerized, prepared, and collected pursuant to paragraph 4.2(C)(3) of this Agreement. If required by City, vegetative waste shall be collected and disposed of regardless of how it is containerized and prepared.

4.4 **Multiple Dwelling Units.** Contractor shall provide collection and disposal service to multiple dwelling unit customers as follows:

A. **Frequency of Collection.** Contractor shall provide collection and disposal services for household trash and garbage at least two (2) times per week, with collections at least three (3) days apart, and for bulk trash and recyclable

materials not less than once per week. All collection route cycles shall be subject to the prior written approval of the Authorized Representative. Pick-ups, including pick-ups of white goods, shall be provided on an "as needed basis" and allowed on any day, except Sundays.

B. **Point of Collection.** Collection of household trash, garbage, bulk trash, vegetative waste, and recyclable materials shall be at a location mutually agreed upon by the customer and Contractor, and approved by the Authorized Representative. If mutual agreement cannot be reached between customer and Contractor, the Authorized Representative shall designate the location. However, in the event the location was approved as part of a City or County site plan or development review process, the location shall be as shown on the final approved site or development plan. To the maximum extent feasible, the designated location shall be located in a place that provides for safe, convenient, and expedient access by Contractor.

C. **Containers and Preparation.**

1. **Household Trash and Garbage** . Contractor shall be required to provide collection and disposal services for all household trash and garbage generated by multiple dwelling units which has been prepared and stored in a refuse container, mechanical carts, mechanical container, or compactor under the following conditions:

   a. The multiple dwelling unit customer shall be permitted to use individual refuse containers or mechanical carts for each dwelling unit only upon City approval, otherwise, customers shall be required to use mechanical containers or compactor service.

   b. Contractor shall be required to provide an adequate number of mechanical containers or compactors to customers who request or exceed the maximum number of refuse containers or mechanical carts. Mechanical containers and mechanical carts (if authorized by the City) shall be provided at Contractor's sole expense and shall remain the property of Contractor, unless the mechanical container is owned by the customer. Compactors shall be provided as mutually agreed to by Contractor and customer.

2. **Recyclable Materials.** Contractor shall be required to provide collection and disposal services for all recyclable materials generated

from multiple dwelling unit customers which have been properly prepared and stored in a recycling container.

3. **Vegetative Waste.** Contractor shall be required to provide collection and disposal services for all vegetative materials generated from multiple dwelling unit customers who specifically request such service or as required by City. If requested, vegetative waste shall be containerized, prepared, and collected pursuant to paragraph 4.2(C)(3) of this Agreement. If required by City, vegetative waste shall be collected and disposed of regardless of how it is containerized and prepared.

4. **Bulk Trash and White Goods.** Contractor shall be required to provide collection and disposal services for bulk trash and white goods generated from multiple dwelling unit customers regardless of whether they are containerized.

4.5 **City Controlled Property.** As requested by the Authorized Representative, Contractor shall be required to provide collection and disposal services for all refuse, bulk trash, white goods, vegetative waste, and recyclable materials generated by City at properties owned, leased, or otherwise controlled by City. In addition, Contractor shall provide such collection and disposal services for any and all City sponsored special events as agreed to by City and Contractor, and for all City public receptacles located along or in public rights-of-way, sidewalks, and public recreational facilities. Such collection and disposal services shall be at no charge or expense to City.

A. **Frequency of Collection.** Unless otherwise directed by the Authorized Representative in writing, Contractor shall provide collection and disposal services for refuse at least two (2) times per week, with collections at least three (3) days apart, and for bulk trash, vegetative waste, and recyclable materials not less than once per week. All collection route cycles shall be subject to the prior written approval of the Authorized Representative. Special pick-ups, including pick-ups of white goods, shall be provided on an "as needed basis" and shall be allowed on any day, except Sundays.

B. **Point of Collection.** Collection of refuse, bulk trash, vegetative waste, and recyclable materials shall be at locations designated by the Authorized Representative, with consideration given for the safe, convenient, and expedient access by Contractor.

C. **Containers and Preparation.**

1. **Refuse.** Contractor shall be required to provide collection and disposal services for refuse generated by City which has been properly prepared and stored in a refuse container, mechanical cart, or mechanical container as determined by the Authorized Representative. Contractor shall be required to provide all mechanical containers and mechanical carts at Contractor's expense.

2. **Recyclable Materials.** Contractor shall be required to provide collection and disposal services for all recyclable materials generated by City which have been properly prepared and stored in a recycling container or other container mutually agreed to by the Authorized Representative and Contractor.

3. **Vegetative Waste.** Contractor shall be required to provide collection and disposal services for all vegetative waste generated by City provided the vegetative waste is containerized, prepared, and collected pursuant to paragraph 4.2(C)(3) of this Agreement. Notwithstanding, Contractor and City may mutually agree to some other method of preparation and storage for significant City projects which generate significant amounts of vegetative waste.

4. **Bulk Trash and White Goods.** Contractor shall be required to provide collection and disposal services for all bulk trash and white goods generated by City regardless of whether they are containerized.

4.6 **Biohazardous, Biological, Hazardous, Sludge, and Special Waste** . Contractor shall not be responsible for collection and disposal services for biohazardous waste, biological waste, hazardous waste, sludge, and special waste under this Agreement.

4.7 **Construction and Demolition Debris Service.** Contractor shall provide collection and disposal service of construction and demolition debris to residential, multiple dwelling unit, and commercial customers as follows:

A. **Exclusive Right.** Contractor shall provide and have the exclusive right to provide collection and disposal services for construction and demolition debris utilizing rolloff containers, as that term is defined in paragraph 2.36 of this Agreement, or other appropriate containers.

B. **Frequency of Collection.** Contractor shall provide collection and disposal services for construction and demolition debris utilizing rolloff containers or other appropriate containers to customers that specifically request such service or as required by City. Said collection and disposal services shall be

provided as frequently as mutually agreed to by Contractor and the customer or as required by the Authorized Representative or City Code to protect the public health, safety, and welfare.

C. **Point of Collection.** Collection of construction and demolition debris shall be at a location mutually agreed upon by the customer and Contractor; provided, collection shall be located within the boundary of the property served, unless otherwise approved by the Authorized Representative.

D. **Containers and Preparation.** Contractor shall be required to provide one or more rolloff containers or other appropriate containers of a size and number mutually agreed to by Contractor and customer.

4.8 **Code Enforcement.** Upon request of the Authorized Representative, Contractor shall assist the City in its code enforcement efforts by providing collection and disposal service of solid waste and construction and demolition debris located on real property in violation of the City Code at no cost to the City, not to exceed ten (10) twenty (20) yard rolloff containers per year.

4.9 **Automated Cart Program.** At the City's request, Contractor shall be required to implement a residential automated Cart Program in accordance with terms and conditions mutually agreed to by the Contractor and the City.

4.10 **Tire Collection.** Contractor shall provide weekly tire collection and disposal services to residential customers at no additional charge, provided no more than four (4) tires per household per year.

4.11 **Special Pickup Services.** Customers can request that Contractor provide special handling and management of solid waste not covered under the general pick-ups required by this Agreement, including special pickups for items such as asbestos, waste tires (which exceed the number allowed under paragraph 4.10), used oils, lead free batteries, construction and demolition debris, ash residue, and biological waste. All such requests shall be billed directly to the customer. For purposes of this paragraph, the term "special pickup" shall mean excessive waste debris residue generated by contractors, waste requiring special equipment to dispose of, vegetative waste not prepared in accordance with paragraph 4.2(3)(C) and requiring a "Cherry Picker" type truck to dispose of, and extraordinary volumes of household items requiring more than fifteen minutes for residential crews to load.

5.0 **Rates and Charges; Compensation to Contractor; Franchise Fee Billing.**

5.1 **Rates; Compensation to Contractor.** For collection and disposal services provided under this Agreement, Contractor agrees that the rates shall be as set forth in a Rate Resolution adopted by the City Commission of Winter Springs.

5.2 **Consumer Price Index Adjustment** . The rates in paragraph 5.1 shall remain unchanged during the term of this Agreement unless the Contractor requests in writing an annual CPI adjustment or petitions the City for a rate adjustment in accordance paragraphs 5.6 or 5.8. If a CPI rate adjustment is requested, the Contractor shall receive said adjustment based on the following mathematical formula:

$$\text{New Rate} = \frac{[CPI2 - CPi1] + 1}{CPi1} \times \text{Current Rate}$$

"CPi1" The published CPI for the month of October of the preceding year.

"CPI2" The published CPI for the month of October for the year in which the rate is being adjusted.

Adjustments to the prices made in accordance with this subsection are intended to reflect changes in the purchasing power of a given amount of money expressed in dollars. Under no circumstances shall the CPI adjustment exceed two and one-half (2 ½) percent in any given year. Moreover, the CPI adjustment shall not be applied to Disposal Costs. Disposal Costs shall be one hundred percent pass through cost and shall be adjusted accordingly only upon changes in land fill tipping fees. If CPi1 and CPI2 are not expressed in relation to the same base period or if a material change is made in the method of establishing CPI, the City and the Contractor shall make an appropriate statistical adjustment or conversion. If the CPI is discontinued, the City and the Contractor shall mutually select another index published by the United States Government or by a reputable publisher of financial and economic indices.

5.3 **Billing Customers by City.** Customer billing shall be established and enforced by City Code. The City shall provide the customer billing for all collection and disposal services provided by Contractor under this Agreement, unless otherwise specifically stated herein. City shall perform said billing by means and at times deemed appropriate by City. Contractor shall fully cooperate with City in customer billing.

5.4 **Billing and Payment Procedure.** Unless otherwise provided by the Authorized Representative, customer billing and payment to Contractor shall be in accordance with the following procedure:

A. The City shall provide all Customer billing for residential collection and disposal services provided under this Agreement by adding a line item on the

City's monthly utility bill. Contractor shall, however, provide Customer billing when special rates and services apply, as approved by the City, and for commercial service.

B. On a quarterly basis, the City shall provide to the Contractor an updated assessment roll or customer list setting forth the total number of, and address of each, residential collection units to be served under this Agreement. In addition, the City shall provide Contractor with monthly notification of new residential certificates of occupancy issued in the preceding month and City will pay Contractor for the new residences the next full month following notification.

C. Contractor shall be paid by the City based on the number of residential collection units on the assessment roll or customer list. Payment shall be made by the City no later than the 15th day of each month for collection and disposal services provided by Contractor during the preceding month. Payment shall also be made based on the fees that are collected by the City. The Franchise Fee charged in accordance with paragraph 5.5 herein shall be directly billed to the customer and collected by City.

D. Should the City or Contractor discover that the City is erroneously paying for collection and disposal services to a non-existent residential collection unit, or alternatively, Contractor is providing such services to residential collection unit not listed on the most recent assessment roll or customer list, the discovering party shall immediately notify the other party. Upon verification by the other party that the omission is correct, the City's next payment to the Contractor shall be accordingly increased for each non-listed unit or decreased for each non-existent unit.

E. Contractor shall direct bill all commercial customers and customers not billed by the City. The Contractor shall provide the City with a monthly report regarding the collection and disposal services provided to such customers. The report shall be in a form acceptable to the City and shall be delivered no later than the fifteenth (15th) of each month for the preceding month's services. The report shall include at a minimum the customer address, the collection and disposal services provided, and the amount paid by the customer for said services. Any amount of money collected by Contractor on behalf of the City shall be remitted to the City along with said report including, but not limited to any franchise fees authorized under this Agreement.

5.5 **Franchise Fee.** At the City Commission's sole and absolute discretion, the City reserves the unconditional right to charge Contractor, from time to time, a Franchise

Fee equal to an amount permitted by law. The Franchise Fee shall not be construed as a tax, but shall be considered a payment to the City in exchange for the rights and privileges granted by this Franchise. The Franchise Fee shall be passed along to the customer and remitted by customer directly to City pursuant to paragraph 5.4(C) or remitted by Contractor to the City pursuant to paragraph 5.4(E). At the effective date of this Agreement, Contractor acknowledges and agrees to pay a Franchise Fee equal to ten (10%) percent of all Contractor's gross monthly billings related to all collection and disposal services directly billed by Contractor under this Agreement including, but not limited to, commercial, special residential services and construction and demolition debris services.

5.6 **Contractor's Petition for a Rate Adjustment.** The Contractor may petition the City to adjust the rates in paragraph 5.1 herein based upon unusual and unanticipated increases in the cost of doing business, including but not limited to a change in any collection regulation . Any such request shall be supported by full documentation establishing the increase in operating costs and the reasons therefor. The City shall be entitled to audit the Contractor's financial and operational records directly related to the Contractor's request in order to verify the increase in costs and the reasons therefor.

The Contractor's request may be made annually in writing, beginning the second year of this Agreement, and no later than ninety (90) days prior to the anniversary date of this Agreement, and shall contain reasonable proof and justification to support the need for the rate adjustment. The City may request from the Contractor, and the Contractor shall provide, such further information within its possession as may be reasonably necessary in making its determination. The City Commission shall approve or deny the request (without penalty), in whole or in part, at its sole and absolute discretion, within sixty (60) days of receipt of the request and all other additional information required by the City.

5.7 **Landfill Tipping Fees.** The City shall pay directly to Seminole County all residential landfill tipping charges that are invoiced by the Seminole County Landfill pursuant to the terms and conditions of any applicable Interlocal Agreement between the City and Seminole County. Contractor shall be responsible for paying all landfill tipping charges for commercial service and demolition and construction debris. However, Contractor may take construction and demolition debris to other licensed and suitable landfills and tipping fees charged for demolition and construction debris shall be equal to the amount charged by the GEL land fill facility in Volusia County, Florida. As provided in Paragraph 5.2, landfill tipping fees are a passthrough cost and shall not be subject to a CPI adjustment.

5.8 **Reduction in CPI.** In the event the CPI goes down in any given year, the City shall have the right to adjust the rates in paragraph 5.1 in accordance with the

mathematical formula in paragraph 5.2, not to exceed a reduction in excess of two and one-half (2 ½) percent in any given year.

6.0 **Schedules and Routes.** Contractor shall provide written notice to the City of its collection and disposal routes and schedules. The City reserves the unconditional right to deny Contractor's vehicles access to any street, alley, bridge, beach, or public way within the service area while performing collection and disposal services under this Agreement, where the City determines that it is in the best interests of the public health, safety, and welfare to do so because of the conditions of the streets, alleys, bridges, beaches, or public ways. However, Contractor shall not interrupt the regular schedule and level of service because of such closures of less than eight (8) hours in duration. The City shall notify Contractor of any such closures of longer duration, and arrangements shall be made in a manner acceptable to Contractor and the Authorized Representative for the collection and disposal services interrupted by the closure. Customers shall be notified in writing by Contractor of the schedules provided by Contractor and any amendments thereto, provided customers shall be given at least seven (7) days prior written notice of any such amendments. Any and all route and schedule changes must receive prior approval by the Authorized Representative and schedule changes shall be published, at Contractor's expense, in a newspaper of general circulation meeting the requirements of Section 50.011, Florida Statutes.

7.0 **Collection Equipment and Vehicles.** Contractor shall provide collection equipment for the collection and disposal services under the following conditions:

7.1 **Type and Amount.** Contractor shall have on hand, at all times under this Agreement, collection equipment that is in good working order and sanitary condition that will permit Contractor to perform the collection and disposal services in a sufficient and efficient manner so that the schedules and routes can be maintained. Collection equipment shall be obtained from a nationally known and recognized manufacturer of collection equipment. Collection vehicles shall be of the enclosed packer type or other type vehicle which meets industry standards and is approved by the Authorized Representative. Contractor recognizes and agrees that a smaller wheel base garbage truck will be required in order to properly service areas within the Winter Springs Town Center and some townhome developments that contain alleys. All collection vehicles shall be equipped with communication devices which allow for proper communication with Contractor's dispatcher and the City and such devices shall be maintained in good operating order.

7.2 **New Equipment; Condition.** No later than ninety (90) days from the effective date of this Agreement, all of Contractor's collection and disposal equipment used within the service area shall be licensed and/or registered as 2005 models or newer. Contractor shall submit proof of title to all such equipment to the Authorized Representative by said date and thereafter for any new collection and disposal equipment. During the term of this Agreement, all collection and disposal equipment

used in the service area shall not exceed an average age of seven (7) years old, provided, however, at the start of the Agreement, all primary collection and disposal equipment shall be new, at the start of the second year, all such equipment can not exceed one year old, at the start of the third year, all such equipment can not exceed two years old and so on during the remaining term of the Agreement. At all times, Contractor shall be required to keep on file with the Authorized Representative a current inventory of all collection and disposal equipment used within the service area. All collection and disposal equipment shall be maintained, at all times, in a reasonable and safe working condition and shall be in good repair, appearance, and sanitary and clean condition. The Contractor shall provide to the Authorized Representative a monthly maintenance report, by the fifteenth (15^{th}) of each month, showing collection vehicle number, service and/or repairs made to each piece of collection and disposal equipment. Contractor shall spray all mechanical containers with disinfectant after every collection. Collection and disposal equipment shall be painted uniformly with the name of the Contractor, Contractor's telephone number, the number of the collection vehicle, and a sign stating "Serving the City of Winter Springs" in letters not less than three (3) inches high on each side of all collection vehicles. Contractor shall keep an accurate record of the collection vehicle to which each number is assigned. Advertising on collection and disposal equipment is strictly prohibited, except for advertisements promoting City sponsored special events.

7.3 **Overloading.** Collection vehicles shall not be overloaded by Contractor so as to cause litter or spillage (described in paragraphs 4.1(D) and (H); however, if litter or spillage occurs because of overloading it shall be picked up immediately as required by paragraphs 4.1 (D) and (H).

7.4 **Back-up Equipment.** Contractor shall maintain sufficient back-up collection and disposal equipment, which shall satisfy the condition requirements of paragraph 7.2 of this Agreement, to temporarily replace collection and disposal equipment that is in a state of disrepair or is inoperable at any time during Contractor's performance of the collection and disposal services pursuant to this Agreement. The back-up collection and disposal equipment shall be put into service within a reasonable time and without interruption of collection and disposal services. Such back-up collection and disposal equipment shall correspond in size and capacity to the collection and disposal equipment ordinarily used by Contractor in performance of the collection and disposal services under this Agreement.

7.5 **City Right To Inspect.** The City, at its discretion, shall have the right to inspect all collection and disposal equipment used by the Contractor within the service area at any time. Should the City deem that any collection and disposal equipment fails to meet the standards contained in this paragraph 7.0, the City shall have the right to prohibit such equipment from being utilized within the service area until such time that the equipment is repaired to meet such standards or replaced.

7.6 **Annual Maintenance Plan.** Upon the effective date of this Agreement, and on January 1st of each year thereafter, Contractor shall file with the City an annual preventative maintenance plan for all collection and disposal equipment which will be used within the service area. The plan shall include, but not be limited to, a schedule for painting, cleaning and replacing all collection and disposal equipment.

7.7 **Minimum Collection and Disposal Equipment.** Contractor agrees that the minimum collection and disposal equipment required to provide sufficient residential and commercial service within the service area shall be as follows:

Rear Loaders:

4 - 2006 New Way King Cobra #32 RL - 32 cubic year/Mack Chassis
1 - 2006 New Way Cobra #13RL - 13 cubic yard/Sterling Chassis
1 - Spare Rear Loader - Waste Pro Fleet

Recycling Trucks:

2 - 2006 G-S 5000 23 cubic yard/Freightliner Chassis
1 - Spare Recycling Truck - Waste Pro Fleet

Front Loader Trucks:

1 - New Way Mammoth 40 cubic yard/Mack Chassis
1 - Spare Front Loader - Waste Pro Fleet

Clamshell Truck:

1 - Peterson Lighting Loader 26 cubic yard/Freightliner Chassis
1 - Spare Clamshell Truck - Waste Pro Fleet

The City shall have the right to demand that additional equipment be added to service residential and commercial customers if the City's service area is significantly expanded or Contractor's performance is determined by the City, pursuant to paragraph 9.0, to be such that additional equipment is needed to provide a high quality and efficient level of collection and disposal services to all residential customers.

8.0 **Contractor's Personnel.** Contractor shall fully comply with the following terms and conditions regarding Contractor's personnel:

8.1 **Contractor's Representative.** Contractor shall appoint a representative to administer and manage this Agreement on Contractor's behalf as required by paragraph 26.0 of this Agreement.

8.2 **Personnel.** Contractor shall provide a sufficient number of permanent and qualified full-time employees to provide all of the collection and disposal services within the service area. All such employees shall be lawfully permitted to work in the State of Florida and the United States. Temporary employees and labor shall be prohibited unless authorized by the Authorized Representative to handle emergency situations. At all times, Contractor shall be required to keep on file with the Authorized Representative a current roster of all permanent employees performing collection and disposal services under this Agreement. The roster shall contain the person's name, drivers license number, position, and the routes that the person will be working within the service area. The City shall have the right to conduct criminal background checks, at the City's expense, on all said permanent employees. All persons who are given supervisory authority by Contractor shall be made available to the Authorized Representative for consultation within a reasonable and practicable time after Contractor receives notice from the Authorized Representative that a consultation is being requested. Supervisors shall operate a collection vehicle that is equipped with a communication device in order to properly communicate with Contractor's dispatcher and the City.

8.3 **Conduct of Personnel.** Contractor shall require and ensure that its personnel shall serve all customers in a courteous, helpful, and impartial manner. Contractor's personnel shall perform collection and disposal services while using existing sidewalks and driveways when on private and public property. Contractor personnel shall observe all no trespassing signs and shall not cross between neighboring properties unless the customer, or customer's in the case of neighboring properties, has expressly given said personnel permission. Contractor's personnel shall perform all collection and disposal services with due care and shall always take reasonable precautions and steps to avoid damaging all real and personal property including, but not limited to, refuse containers, recycling containers, carts, racks, trees, shrubs, flowers, and similar property. Contractor shall be fully liable for all such damage caused by Contractor's personnel and Contractor shall promptly provide sufficient and appropriate compensation to customer's for such damage.

8.4 **Uniform Regulations.** Contractor agrees that the identification of Contractor's personnel while performing the collection and disposal services is important to the customer's health, safety, and welfare. Consequently, Contractor's personnel performing collection and disposal services shall wear a uniform or shirt bearing the Contractor's name and an approved safety vest. Lettering stitched on or identifying patches permanently attached to the uniform or shirt shall be acceptable.

8.5 Labor and Employment Laws. Contractor shall comply with all applicable local, state, and federal labor and employment laws affecting its personnel.

8.6 **Informing Personnel of Responsibilities.** Contractor shall take whatever steps it deems necessary to fully inform its personnel about the terms and conditions and personal responsibilities provided under this Agreement. City shall not be responsible for informing Contractor's personnel of said terms, conditions, and responsibilities. Contractor shall also provide operating and safety training manuals to all its personnel.

8.7 **Driver's License.** All Contractor's personnel that drive a collection vehicle while performing collection and disposal services shall at all times have and carry a valid Florida commercial driver's license for the type of vehicle being driven.

8.8 **Drug Free Workplace.** Contractor shall maintain a drug free workplace policy. If requested by City, Contractor shall provide a document certifying to the City it is a drug free workplace.

9.0 **Level of Service; Customer Complaints; Annual Evaluation By City.**

9.1 **Level of Service.** Contractor acknowledges and agrees that the continuation of this Franchise depends on Contractor consistently providing a high quality and efficient level of collection and disposal services to all customers. To insure such services are provided in such a manner, Contractor's performance shall be evaluated, on an annual basis, pursuant to the procedure established in paragraph 9.3 of this Agreement and based on the following review criteria:

A. The number of complaints received pursuant to paragraph 9.2 herein and Contractor's performance in resolving the complaints in a professional and expedient manner.

B. Contractor's responsiveness to direction given by the Authorized Representative.

C. The number of times that Contractor had to pay liquidated damages pursuant to paragraph 25.0 herein.

D. Contractor's participation in community meetings/events sponsored by City.

E. Contractor's financial viability to continue performing the collection and disposal services as required by this Agreement.

F. Contractor's compliance with its "Customer Service Policy" required by paragraph 9.4.

G. Inspection records of all collection vehicles.

9.2 **Customer Complaints.** It is the intent of this Agreement to ensure that the Contractor provides a high quality level of collection and disposal services to all customers. To this end, all failures to provide collection and disposal services to customers, or failures observed by the Authorized Representative, and reported to the Contractor shall promptly be resolved pursuant to the provisions of this Agreement. All customer complaints should be made to the Authorized Representative and will be forwarded to the Contractor by person, telephone, or in writing by mail, email or facsimile. When received, whether directly from the Customer or forwarded from the Authorized Representative, the Contractor shall record complaints on a form approved by the Authorized Representative and shall take appropriate steps to resolve the complaint in a professional and expedient manner. All complaints shall be resolved within the time periods set forth in Section 25.0 of this Agreement. However, in the event that circumstances make it impossible to resolve a particular complaint within the time periods set forth in paragraph 25.0 , Contractor shall notify the Authorized Representative as to the reason the complaint can not be resolved within said time periods and when the complaint will be fully resolved. Upon request by the Contractor, the City may grant, at its sole discretion, a written extension of time to resolve the complaint if Contractor's reasons for the delay are reasonable, legitimate, and not a habitual excuse for failing to resolve the complaint. Contractor shall be required to promptly notify the customer as to when the complaint will be resolved. The Contractor shall notify the Authorized Representative within twenty-four (24) hours, on the approved forms, of the action taken to resolve the complaint. If the complaint involves a claim of damage to private or public property caused by Contractor during the performance of collection and disposal services, the Contractor shall within twenty-four(24) hours provide the Authorized Representative with a full written explanation of said complaint, an estimate of the damage, and Contractor's proposed actions to remedy the damage.

9.3 **Annual Evaluation Procedure.** Contractor's performance shall be annually evaluated by City's Authorized Representative and/or City Commission under the following procedure:

A. Upon or soon after the occurrence of each annual anniversary date of this Agreement, the Authorized Representative shall conduct and prepare a written annual evaluation of Contractor's performance in providing the collection and disposal services under this Agreement ("Evaluation"). The Evaluation shall be based on the level of service criteria set forth in paragraph 9.1 herein. For each criteria the Authorized Representative shall evaluate and

grade Contractor's performance as unacceptable, acceptable but needs improvement, or good. If Contractor receives an unacceptable grade, the Authorized Representative shall provide Contractor a written explanation of why Contractor's performance was unacceptable and Contractor shall be given a reasonable period of time, as determined by the Authorized Representative, to bring its level of performance up to levels acceptable to the Authorized Representative.

B. The Authorized Representative shall deliver the Evaluation, the aforesaid explanation, and other relevant documents to the City Commission for consideration by the City Commission at a public meeting. At the meeting, the Authorized Representative and Contractor shall have the opportunity to explain their positions and the City Commission shall then determine whether this Franchise should continue under conditions determined by the City Commission or be terminated, without penalty, pursuant to paragraph 14.1 (H) herein.

9.4 **Customer Service Policy.** Within thirty (30) days of the effective date of this Agreement, Contractor shall submit for the City's approval a "Customer Service Policy" which shall set forth customer service standards. Contractor shall abide by such standards during the term of this Agreement. The Customer Service Policy may be amended from time to time at Contractor's or City's request. A current copy of the Customer Service Policy shall be maintained at the Authorize Representative's office at all times.

10.0 **Authorized Representative's Interpretation and Decision.** Any dispute between the City and Contractor, which cannot be disposed of by mutual consent between the parties within a reasonable period of time ("Impasse"), shall be ultimately decided by the Authorized Representative at such time the Authorized Representative declares an Impasse. Upon Impasse, the Authorized Representative shall have thirty (30) days to decide the Impasse issue, unless additional time is reasonably needed. All such decisions shall be reduced to writing by the Authorized Representative and delivered to Contractor within three (3) days of said decision. All such written decisions shall contain a sufficient explanation, as may be deemed necessary by the Authorized Representative, to explain the decision. The decision shall be final and binding on both parties unless appealed to the City Commission. Within three (3) days of the Authorized Representative's decision, Contractor may appeal said decision to the City Commission. The City Commission will hear and decide the appeal at the next regularly scheduled City Commission meeting unless otherwise provided by the City Commission. The City Commission's decision shall be binding and final. Failure to file an appeal within said time period shall result in a waiver of the right to appeal. Pending the decision, Contractor shall proceed diligently with the performance of the collection and disposal services in accordance with this Agreement and any preliminary directions of the Authorized Representative. The Authorized Representative may amend, suspend, or revoke any decision if circumstances warrant.

11.0 Other City Permits . For collection and disposal services of any kind not exclusively provided by Contractor under this Agreement, Contractor shall obtain all permits required by City Code to provide said services.

12.0 **Performance Bond; Alternatives.**

12.1 **Performance Bond.** The Contractor shall obtain and maintain during the entire term of this Agreement and any extensions and renewals thereof, at its cost and expense, and file with the City a corporate surety bond. The amount of said bond shall be updated annually and shall provide for a maximum aggregate penalty not to exceed an amount equal to Five Hundred Thousand Dollars ($500,000.00). The bond shall be in a form acceptable to the City Attorney and shall guarantee the faithful performance by the Contractor of all of its obligations provided under this Agreement (hereinafter referred to as "Bond" or "Performance Bond"). Such bond must be issued by a nationally recognized surety company. Alternatively, the Contractor shall obtain and continuously maintain an unexpired irrevocable letter of credit, which shall at all times be in the possession of the City. The amount of the letter of credit shall be equal to that required for a performance bond and the form and contents of such performance bond or letter of credit shall be acceptable to the City Attorney. The letter of credit shall be released only upon expiration of the Agreement or upon the replacement of the letter of credit by a successor Contractor. The Bond may be issued for a one year period of time and renewed on an annual basis at the discretion of the surety. Neither non-renewal by the surety, nor the inability of the Contractor to file a replacement Bond or suitable form of security shall constitute a loss to the City recoverable under the expired Bond. However, the preceding sentence shall not relieve the Contractor from finding a replacement Bond or other suitable form of security which satisfies the requirements of this Agreement.

12.2 **Conditions.** The performance bond or letter of credit shall be issued upon the following conditions:

A. The performance bond shall be issued by a surety approved by City and licensed and authorized by the State of Florida to do business as a surety in the State of Florida. The irrevocable letter of credit shall be issued by a bank or savings and loan association acceptable to the City, authorized to do business in this State by either the State of Florida Comptroller or the United States government. The letter of credit shall name the City as the beneficiary.

B. There shall be recoverable by the City, jointly and severally from the principal and surety or the financial institution that has issued the letter of credit, any and all fines and liquidated damages due to the City and any and

all damages, losses, costs, and expenses suffered or incurred by the City resulting from the failure of the Contractor to: faithfully comply with any and all provisions of this Agreement and any and all orders, permits and directives of any City agency or body having jurisdiction over its acts or defaults under this Agreement; pay any and all claims, liens, fees, or taxes due the City which arise by reason of the collection and disposal services provided under this Agreement. Such losses, costs and expenses shall include but not be limited to reasonable attorney's fees and other associated expenses incurred by the City.

C. The total amount of the bond or letter of credit shall be forfeited as a liquidated damage paid to the City in the event:

1. Contractor abandons, or cancels with less than ninety (90) days written notice to City, its obligations and responsibilities to perform the collection and disposal services required under this Franchise, prior to the expiration of the term of the Agreement;

2. Contractor assigns this Agreement without the express written consent of the City; or

3. This Agreement is terminated by reason of the default of the Contractor.

12.3 **Use of Bond and Letter of Credit.** Prior to drawing upon the letter of credit or the bond for the purposes described in this section, the City shall notify Contractor in writing that payment is due, and the Contractor shall have thirty (30) days from the receipt of such written notice to make a full and complete payment. If the Contractor does not make the payment within thirty (30) days or demonstrate reason acceptable to the City why such action should not be taken, the City may withdraw the amount thereof, with interest and penalties, from the letter of credit or the bond. Within three (3) days of a withdrawal from the letter of credit or bond, the City shall send to the Contractor, by certified mail, return receipt requested, written notification of the amount, date and purpose of such withdrawal.

12.4 **Replenishment of Letter of Credit and Performance Bond.** No later than thirty (30) days, after mailing to the Contractor by certified mail notification of a withdrawal pursuant to paragraph 12.3 above, the Contractor shall replenish the letter of credit and/or performance bond in an amount equal to the amount so withdrawn. Failure to make timely replenishment of such amount to the letter of credit and/or performance bond shall constitute a failure of the Contractor to faithfully comply with the provisions of this Agreement.

12.5 **Non-renewal, Alteration, or Cancellation of Letter of Credit or Performance Bond.** The performance bond and letter of credit required herein shall be in a form satisfactory to the City which approval shall not be umeasonably withheld and shall require thirty (30) days written notice of any non-renewal, alteration or cancellation to both the City and the Contractor. The Contractor shall, in the event of any such cancellation, alteration, or non-renewal notice, obtain, pay all premiums for, and file with the City, written evidence of the issuance of replacement bond or policies within thirty (30) days following receipt by the City or the Contractor of any notice of cancellation, alteration, or non-renewal.

12.6 **Default.** The performance bond and letter of credit provided pursuant to this section shall become the property of the City in the event that this Agreement is canceled or terminated by reason of the default of the Contractor.

12.7 **Right to Require Replacement of Bonds or Letter of Credit.** If the City becomes aware of the financial condition of any bonding or financial institution issuing a performance bond or letter of credit as required herein and said financial condition is reasonably deemed by the City to jeopardize the collateral posted with the City, the City may, at any time, require that any such bond or letter of credit be replaced with such other bond or letter of credit consistent with the requirements set forth in this section.

13.0 **Transfer of Ownership or Control.**

13.1 **Transfer of Franchise.** This Agreement and any right, title, or interest herein shall not be sold, Transferred, leased, assigned, sublet, or otherwise disposed of, including but not limited to, by forced or voluntary sale, merger, consolidation, receivership or other means without the prior written consent of the City Commission, and then only under such reasonable conditions as the City Commission may establish which may include but not be limited to financial guarantees to the collection and disposal services.

13.2 **Transfer Threshold.** The Contractor shall promptly notify the City of any actual or proposed change in, or Transfer of, or acquisition by any other party of, control of the Contractor.

13.3 **City Approval.** Every Transfer shall make this Agreement subject to cancellation unless and until the City Commission shall have consented thereto in writing. For the purpose of determining whether it may consent to such Transfer, the City shall inquire into the requirements enumerated within paragraph 13.4 and may also inquire into any other relevant legal, financial, character, technical, and other public interest qualifications of the prospective Transferee or controlling party. The Contractor shall assist the City in

obtaining all required information. Failure to provide all reasonable information requested by the City as part of said inquiry shall be grounds for denial of the proposed Transfer.

13.4 **Minimum Requirements.** In order to be eligible to take an assignment or transfer of the Franchise granted under this Agreement, the transferee/assignee must demonstrate in writing to the City that it meets the following minimum threshold conditions:

(A) Annual revenue greater than twenty million dollars ($20,000,000).
(B) Operating margins of at least five percent (5%).
(C) Investment grade debt rating
(D) At least two contracts similar in scope and value.
(E) Sufficient personnel and equipment to meet the requirements set forth herein.

13.5 **Signatory Requirement.** Any approval by the City Commission of transfer of ownership shall be contingent upon the prospective assignee becoming a signatory to this Agreement.

13.6 **Transfer Fee.** Upon approval of any transfer of this Franchise by the City Commission, the Contractor or the transferee/assignee shall pay the City a transfer fee of Twenty-Five Thousand Dollars ($25,000.00) for the first transfer and One Hundred Thousand Dollars ($100,000.00) for each subsequent transfer as a condition precedent to the effective date of any such transfer.

14.0 **Forfeiture or Termination.**

14.1 **Grounds for Revocation.** In accordance with the procedure set forth in paragraph 14.4 of this Agreement, the City Commission reserves the right to terminate this Agreement, without penalty, and rescind all rights and privileges associated with the Franchise in the following circumstances, each of which shall represent a default and breach of this Agreement:

A. Contractor defaults in the performance of any of the material obligations to provide collection and disposal services under this Agreement or the City Code;

B. Contractor fails to provide or maintain in full force and effect the liability and indemnification coverage or the performance bond (or alternative letter of credit) as required herein;

C. Contractor violates any material provisions of any orders or rulings of any regulatory body having jurisdiction over the Contractor relative to this Agreement and any regulatory ordinance of the City, and Contractor fails to begin cure within five business (5) days of notice from the City and to complete cure within a reasonable time after notice, as determined by the City;

D. Contractor practices or engages in any fraud upon the City or any customer;

E. Contractor is gross negligent, as defined by general law, in maintaining any of the level of service standards provided in this Agreement;

F. Contractor becomes insolvent, unable or unwilling to pay its debts or is adjudged bankrupt;

G. Contractor fails to provide collection and disposal service throughout the service area if a disruption of such service occurs pursuant to paragraph 24.0 of this Agreement, unless approval of such disruption is obtained from the City Commission;

H. Contractor fails to satisfy the level of service annual evaluation conducted by the Authorized Representative and City Commission pursuant to paragraph 9.3 of this Agreement; or

I. Contractor provided a material misrepresentation of fact in the application for or negotiation of the Franchise granted under this Agreement or any extension or renewal thereof.

J. Contractor has breached a provision of the Agreement after being declared a "habitual violator" by the City Commission in accordance with paragraph 14.5.

14.2 **Effect of Circumstances Beyond Control of Franchisee ("Force Majeure").** Contractor shall not be declared at fault or be subject to any sanction under any provision of this Agreement in any case, in which performance of any such provision is prevented for reasons beyond the Contractor's control. For the purposes of this Agreement, causes or events beyond the Contractor's control shall include, without limitation, acts of God, floods, earthquakes, landslides, hurricanes, fires and other

natural disasters, acts of public enemies, terrorism, riots or civil disturbances, sabotage, restraints imposed by order of a governmental agency or court. A fault shall not be deemed to be beyond the Contractor's control if committed by a corporation or other business entity in which the Contractor holds a controlling interest whether held directly or indirectly, when such fault is due to Contractor's financial inability to perform or comply, economic hardship, or misfeasance, malfeasance or nonfeasance by any of the Contractor's directors, officers, employees or contractors or agents. Failure of collection and disposal equipment and strikes or work stoppages held by Contractor's employees shall not be considered acts beyond Contractor's control.

14.3 **Effect of Pending Litigation.** Pending litigation or any appeal to any regulatory body or court having jurisdiction over the Contractor shall not excuse the Contractor from the performance of its obligations under this Agreement, unless specifically provided for by court order or by the regulatory body having jurisdiction over such matters. Failure of the Contractor to perform such obligations because of pending litigation or petition may result in forfeiture or revocation pursuant to the provisions of this section.

14.4 **Procedure Prior to Revocation.** Except as provided in paragraph 9.3 for annual evaluations or paragraph 14.5 as a "habitual violator," the Authorized Representative shall notify the Contractor in writing of the exact nature of the alleged violation constituting a ground for termination and give the Contractor forty-five (45) calendar days, or such greater amount of time as the Authorized Representative may specify, to correct such violations or to present facts and arguments to refute the alleged violation. If the Authorized Representative then concludes that there is a basis for termination, it shall notify the Contractor thereof. If within the designated time the Contractor does not remedy and/or put an end to the alleged violation, the City's City Commission, after a public hearing where all interested parties may be heard, may revoke the Franchise under this Agreement, without penalty, if it determines that such action is warranted. The Contractor shall not be held in default nor suffer any penalties where non-compliance or default is caused by an event beyond the Contractor's control, as stated in Section 14.2.

14.5 **Habitual Violator.** Upon prior written notice to the Contractor, the City Commission reserves the right to declare, at a public meeting, that Contractor is a "habitual violator" of the terms and conditions of this Agreement. For purposes of this paragraph 14.0, a declaration that the Contractor is a "habitual violator" shall mean that Contractor's performance is such that Contractor frequently, regularly, or repetitively breaches the terms and conditions of this Agreement, regardless of whether the Contractor has cured any or all of the breaches. Upon being declared a

"habitual violator," Contractor shall forfeit the right to receive any further cure or grace periods to correct any future violations or defaults under this Agreement. Further, any subsequent violations or defaults by Contractor shall be grounds for immediate termination of this Agreement by the City at such time the City deems, at its sole discretion, it is in the best interests of the public health, safety, and welfare to terminate Contractor's services. The City shall provide the Contractor with a final written notice of termination at least fifteen (15) calendar days prior to the effective date of the termination.

14.6 **Result of Termination.** Upon termination of this Agreement by the City, the City shall provide the Contractor with written notice establishing the effective date of the termination. At the effective date of the termination, Contractor shall immediately cease performance under this Agreement and the City shall have the right to assign the rights and obligations under this Agreement to itself or some other contractor under the same or different terms. In addition, upon said termination, the City shall have the unconditional and irrevocable right to take immediate possession and control over any and all collection and disposal equipment used by Contractor to provide collection and disposal services under this Agreement, until such time that the City makes other long term arrangements to provide such services. Moreover, the City shall have the right to utilize the full amount of the performance bond or letter of credit in order to perform collection and disposal services required under this Agreement.

15.0 **Regulatory Authority.**

15.1 **Authority.** The City reserves the right to exercise the maximum authority, as may at any time be lawfully permissible, to regulate the collection and disposal services and any other solid waste services, the Franchise granted hereunder, and the Contractor. Should applicable legislative, judicial or regulatory authorities at any time permit regulation not presently permitted to the City, the City may without the approval of the Contractor engage in any such additional regulation as may then be permissible, whether or not contemplated by this Agreement or the City Code, including without limitation, regulation regarding franchise fees, taxes, programming, rates charged to customers, consumer protection, or any other similar or dissimilar matter. The City agrees to meet and confer with the Contractor prior to enacting new regulatory ordinances.

15.2 **Right of Inspection.** The City shall have the right to inspect in a timely manner and in the accompaniment of a representative of the Contractor all collection and disposal services performed subject to the provisions of this Agreement and equipment used by Contractor, and to make such tests as it shall find necessary to ensure compliance

with the terms of this Agreement, the City Code and any other applicable provisions of local, state or federal law.

15.3 **City Regulation.** To the extent that federal or state law or regulation may now, or as the same may hereafter be amended by legislation, administrative regulation or decision, or judicial determination, authorize the City to regulate the rates for any particular service tiers, service packages, equipment, or any other services provided by Contractor, the City shall have the right to exercise rate regulation to the full extent authorized by law, or to refrain from exercising such regulation for any period of time, at the sole discretion of the City. The City shall provide advance notification to the Contractor of its intention to exercise any such regulation and written notification when such ordinance is adopted. However, failure to so provide advance notification to the Contractor or written notification when such ordinance is adopted shall not be a basis upon which to declare this Agreement in breach or to invalidate the ordinance.

15.4 **City Health and Sanitation Regulations.** Without any limitation on the authority granted City above, City reserves the unconditional right to adopt by ordinance additional health and sanitation regulations which shall apply to the collection and disposal of solid waste, biohazardous waste, biological waste, construction and demolition debris, hazardous waste, sludge, special waste and all other kinds of waste. To the extent determined at the sole discretion of the City's City Commission, these regulations shall be codified in the City Code. Contractor shall fully comply with these regulations to the extent applicable to the collection and disposal services provided under this Agreement and said regulations shall be deemed to be fully incorporated herein by this reference. In the event any provision of this Agreement is in conflict with any provision of the additional City health and sanitation regulations, the provision contained in the regulations shall prevail.

16.0 **Liability and Insurance.**

16.1 **Certificate of Insurance.** Prior to the effective date of this Agreement and thereafter continuously throughout the duration of the Agreement and any extensions or renewals thereof, Contractor shall furnish to the City, certificates of insurance and endorsements, in a form approved by the City, for all types of insurance required under this section. Failure to furnish said certificates of insurance and endorsements in a timely manner shall constitute material breach of this Agreement. At the City's request, Contractor shall furnish certificates of insurance and endorsements which are in effect from time to time.

16.2 **No Liability Limit.** Neither the provisions of this Section or any damages recovered by the City hereunder, shall be construed to limit the liability of Contractor for damages under this Agreement.

16.3 **Endorsement.** All insurance policies maintained pursuant to this Agreement shall contain an endorsement in substantially the following form:

> It is hereby understood and agreed that this insurance policy may not be modified or canceled by the insurance company nor the intention not to renew be stated by the insurance company until thirty (30) Days after receipt by the City of Winter Springs City Manager by certified mail, of a written notice of such intention to cancel or not to renew.

16.4 **State Institution.** All insurance policies provided pursuant to this Agreement shall be written by companies authorized by the Florida Insurance Commissioner to do business in the State of Florida as an insurance company. The insurance company shall have a Best Insurance rating of A or better, unless otherwise approved by the Authorized Representative.

16.5 **Named Insured.** The City shall be an additional named insured for all insurance policies written pursuant to this Agreement, as the City's interests may appear from time to time.

16.6 **Changes in Policy Limits.** To offset the effects of inflation and to reflect changing liability limits, all of the coverage, limits, and amounts of the insurance provided for herein are subject to reasonable increases at the end of every two (2) year period of this Agreement, applicable to the next two (2) year period or termination date of this Agreement (whichever occurs first), at the City's discretion, but not to exceed the coverage, limits, and amounts of insurance the City requires of other contractors transacting business with the City.

16.7 **Commercial General Liability Insurance.** Contractor shall maintain throughout the term of this Agreement, general liability insurance insuring Contractor in the minimum of:

A. $5,000,000 for property damage single limit; and

B. $5,000,000 single limit liability for personal bodily injury or death to any one person.

16.8 **Automobile Liability Insurance.** Contractor shall maintain throughout the term of the Agreement, automobile liability insurance for owned, non-owned, or rented vehicles in the minimum amount of:

A. $5,000,000 single limit liability for bodily injury and consequent death per occurrence; and

B. $5,000,000 for property damage per occurrence.

16.9 **Worker's Compensation.** Contractor shall maintain throughout the term of the Agreement, worker's compensation at least to the minimum amount of the statutory limit for worker's compensation, as amended from time to time.

17.0 **Indemnification and Hold Harmless.** For any and all collection and disposal services performed by Contractor pursuant to this Agreement, Contractor agrees to the fullest extent permitted by law, to indemnify and hold harmless the City, its commissioners, attorneys, employees, officers, and agents from and against all claims, losses, damages, personal injuries (including but not limited to death), or liability (including reasonable attorney's fees through any and all administrative, pre-trial, trial, post judgment, and appellate proceedings), directly or indirectly arising from: (i) the acts, errors, omissions, intentional or otherwise, arising out of or resulting from Contractor's or its subcontractors, or agents performance of the collection and disposal services pursuant to this Agreement; (ii) defaults under this Agreement; (iii) failing to properly train employees under Contractor's control or direction; and (iv) failing to properly equip or hire employees under Contractor's control or direction in the performance of the collection and disposal services under this Agreement.

The indemnification provided above shall obligate Contractor to defend at its own expense or to provide for such defense, at the option of the City, as the case may be, of any and all claims of liability and all suits and actions of every name and description that may be brought against the City, its commissioners, attorneys, employees, officers, and/or agents which may result from the collection and disposal services under this Agreement whether the collection and disposal services be performed by the Contractor, its subcontractors, or anyone directly or indirectly employed by them. In all events the City shall be permitted to choose legal counsel of its sole choice, the attorney fees for which shall be subject to and included with this indemnification provided herein, as long as said fees are no greater than at a rate deemed reasonable at the time indemnification is required.

The City agrees to be responsible for the City's own negligent acts and omissions.

18.0 **Interference with Persons, Public and Private Property, and Utilities.** Contractor's collection equipment and personnel used in performing the collection and disposal services hereunder shall:

A. Not endanger or interfere with the health, safety or lives of persons;

B. Not interfere with any improvements which the City, county, state, and federal government may deem proper to make;

C. Not interfere with the free and proper use of Public Rights-of-Way, alleys, bridges, easements or other public property, except to the minimum extent possible during actual collection and disposal services being provided hereunder;

D. Not interfere with the rights and reasonable convenience of private property owners, except to the minimum extent possible during actual collection and disposal services being provided hereunder; and

E. Not obstruct, hinder or interfere with any gas, electric, water, wastewater, reclaimed water, stormwater drainage, telephone, or other utility facilities located within the service area.

19.0 **Books and Records Available to City; Quarterly Report to City Commission.**

19.1 **Records.** With advance written request, the City shall have the right to inspect and copy at anytime during Contractor's normal business hours, all books, records, maps, revenue statements, service complaint logs, performance test results and other like materials of the Contractor that are directly related to the collection and disposal services provided under this Agreement and which constitute a public record under Chapter 119, Florida Statutes. It is agreed that this Agreement and Contractor's performance thereunder as an independent contractor does not render Contractor a public agency. Further, Contractor's trade secrets and proprietary information shall not be subject to disclosure hereunder. Said records shall be maintained at Contractor's office set forth in paragraph 4.1 (G) of this Agreement.

19.2 **Review.** For records not constituting a public record under Chapter 119, Florida Statutes, Contractor shall permit, during Contractor's normal business hours, the Authorized Representative to examine, at the City's discretion, any and all maps and other records kept or maintained by the Contractor or under its control concerning the operations, affairs, transactions or property of Contractor relative to the collection

and disposal services provided under this Agreement. The examination shall take place at Contractor's office.

19 3 **Reports to be Filed.** The following reports shall be provided to the City in an electronic and other form acceptable to the City:

A. ***Monthly Commercial Customer Report.*** A monthly commercial customer report sorted alphabetically by address, which lists the customer's address and name, type, quantity, and size of the container picked-up from the customer, and a description of the kind of service provided customer.

B. ***Disposal Reports.*** A monthly report indicating the amount (in tonnage) of commercial refuse, vegetative waste, and recycle materials collected and disp<?sed of under this Agreement. A weekly report indicating the amount (in tonnage) of residential refuse, vegetative waste, and recycle materials collected and disposed of under this Agreement.

C. ***Annual Financial Report*** An annual financial report prepared by Contractor or the parent company of Contractor shall be provided annually at the time said report is published.

D. ***Annual Operational Plan.*** An annual operational plan and report which shall include, at a minimum, information reasonably requested by the Authorized Representative and the following information related to the service area:

1. A summary of the manner in which the Contractor will provide the collection and disposal services required under this Agreement and a related list and map of routes and schedules for collection and disposal services.

2. An inventory of collection equipment including make, year, model, and type.

3. Personnel summary including a list of persons to be employed and their classification, the background of local management in charge of operations, statement of general working conditions such as hours of work, number of days worked, and other benefits of employment.

4. Financial report of all the previous year's collection and disposal services.

5. The manner in which the Contractor will ensure that all customers are fully informed of the customer service standards established and required by this Agreement and the City Code.

6. A summary of all solid waste collected (in tonnage) from residential Class I and ill, recycling material by class and commercial.

7. A schedule for the annual cleaning and painting all Mechanical Containers.

19.4 **Mandatory Records.** The Contractor shall at all times maintain:

A. A record of all complaints received and interruptions, disruptions, or degradation of collection and disposal services for the preceding year prior to the annual performance evaluation by the City.

B. A full and complete document(s) describing the rates, schedules, and routes for the collection and disposal services.

C. A record of all customers, and fees received from them by Contractor, for collection and disposal services not billed by the City, if any.

D. All reports required by paragraph 19.3 of this Agreement.

19.5 **Other Records.** The City may impose reasonable requests for additional information, records and documents from time to time, and the Contractor shall produce said records within ten (10) business days, so long as such request relates to the City's enforcement abilities under this Agreement or the Code.

20.0 **Preferential or Discriminatory Practices Prohibited.** All collection and disposal services rendered and all rules and regulations adopted by Contractor shall have general application to all persons and shall not subject any person to prejudice or disadvantage on account of race, gender, religion, origin, or ethnicity. Contractor shall not deny service to any group of potential customers within the City because of the income of the customers within the service area. Contractor shall not charge customers different rates for service for the same class or type of service. However, this paragraph is not intended to restrict Contractor from offering reasonable discounts to senior citizens or other economically disadvantaged groups in accordance with any local, state, or federal law.

21.0 Storms; Hurricanes; Natural Disasters; Calamities In the event a major storm, hurricane, natural disaster, or any other type of major or serious calamity ("calamity") causes an

excessive amount of refuse, vegetative waste, bulk trash, or other excessive debris ("debris") to accumulate on streets, alleys, bridges, and on private and/or public property, Contractor shall collect such debris at the City's written request. City agrees to pay Contractor for such additional service in an amount mutually agreed upon in writing by the City and Contractor. Contractor acknowledges and agrees that collection and disposal services performed after a calamity may be subject to special procedures in order that the City can receive reimbursement from state and federal agencies like FEMA. In such cases, Contractor shall be fully responsible and liable for complying with all such procedures and shall also indemnify and hold harmless the City in the event Contractor fails to comply with said procedures. Nothing in this Agreement shall exclude or prohibit the City or any other contractors from collecting and disposing of such debris caused by a major or serious calamity.

22.0 **Miscellaneous Provisions.**

22.1 **Independent Contractor.** Contractor is an independent contractor and nothing in this Agreement is intended nor shall be construed to create an employer/employee relationship, a joint venture relationship, a partnership relationship, or to allow the City to exercise control or direction over the manner or method by which Contractor performs the collection and disposal services which are the subject matter of this Agreement. Contractor understands and agrees that: (i) the City will not withhold on behalf of Contractor pursuant to this Agreement any sums for payment of income tax, unemployment insurance, social security or any other withholding; (ii) all such payments, withholdings and taxes are the sole responsibility of Contractor; and (iii) Contractor will indemnify and hold the City, its City Commission members, attorneys, employees, officers, and/or agents harmless from and against any and all loss or liability arising with respect to such payments, withholdings, or taxes, including, but not limited to reasonable attorneys' fees through any and all administrative, pre-trial, trial, post trial judgment, and appellate proceedings. The parties hereto agree that both Contractor and the City shall have the right to participate in any discussion or negotiation with the Internal Revenue Service concerning Contractor's independent contractor status regardless of with whom or by whom such discussions or negotiations are initiated. In the event that any applicable government agency determines that Contractor is an employee of the City and the City is required to pay any additional amount to any governmental authority based upon Contractor being reclassified an employee of the City, Contractor hereby covenants and agrees to reimburse immediately the City for any such amount paid to any such governmental authority and the costs and expenses associated with defending the City, including, but not limited to reasonable attorneys' fees. In the event that Contractor is reclassified as an employee and becomes eligible for a refund of any taxes paid to any governmental agency, including but not limited to, a claim

for refund of self-employment taxes, then Contractor hereby covenants and agrees to pursue any such refund and assign to the City the proceeds from any such refund.

22.2 **No Joint Venture.** Nothing herein shall be deemed to create a joint venture or principal-agent relationship between the parties, and neither party is authorized to, nor shall either party act toward third persons or the public in any manner which would indicate any such relationship with the other.

22.3 **Entire Agreement.** This Agreement represents the entire understanding and agreement between the parties hereto with respect to the subject matter hereof, and supersede all prior oral negotiations and written agreements between the parties. This Agreement may be amended, supplemented, modified, or changed only by a written instrument agreeing to said amendment, supplementation, modification, or change in the terms hereof by the parties.

22.4 **Notices.** Any notice, request, instruction, or other document to be given as part of this Contract shall be in writing and shall be deemed served when either delivered in person to the following designated agents or received by registered or certified United States mail, return receipt requested, postage prepaid, or received by facsimile, addressed as follows:

TO THE CITY:

City Manager
City of Winter Springs
1126 East State Road 434
Winter Springs, FL 32708
Ph: (407) 327-5957

TO THE CONTRACTOR:

Waste Pro of Florida, Inc.
Attn: Robert Hires
2101 West SR 434, Suite 301
Longwood, Florida 32791
Ph: 407-868-8800

Either party may change the aforementioned designated agents at any time by providing written notice of such change to the other party.

22.5 **Captions.** Captions to sections through this Agreement are solely to facilitate the reading and reference to the sections and provisions of the Agreement. Such captions shall not affect the meaning or interpretation of the Agreement.

22.6 **Severability.** If any section, subsection, sentence, clause, phrase, or portion of this Agreement is, for any reason, held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision. Such holding shall not affect the validity of the remaining portions of this Agreement, unless the City determines that the portions remaining (without the severed portions) have an adverse effect on the best interests of City, then City shall have the right to terminate this Agreement without penalty.

22.7 **City's Rights of Intervention.** Contractor agrees not to oppose intervention by the City in any suit or proceeding to which Contractor is a party, concerning or involving this Agreement and the City's rights under this Agreement.

22.8 **Attorney's Fees** . In the event of litigation arising out of or relating to this Agreement, the prevailing party shall be entitled to recover all its reasonable expenses, including attorney's fees, costs, and other expenses reasonably and necessarily incurred, through all administrative, pre-trial, trial, post judgment, and appellate proceedings.

22.9 **Counterparts.** This Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be considered an original agreement; but such counterparts shall together constitute but one and the same instrument.

22.10 **Waiver.** Failure of the City to insist upon performance within any time period or upon a proper level of service shall not act as a waiver of the City's right to later claim a failure to perform on the part of Contractor.

22.11 **Jurisdiction; Venue.** This Agreement is made and shall be interpreted, construed, governed, and enforced in accordance with the laws of the State of Florida. Venue for any state action or litigation shall be Seminole County, Florida. Venue for any federal action or litigation shall be Orlando, Florida.

23.0 **Effective Date; Term.**

23.1 **Effective Date.** The effective date of this Agreement shall be March 1, 2006. Any prior contract between the parties, and all addendums thereto, is hereby superseded and of no further force and effect; provided, however, any monies still owed by the

Contractor to the City under the prior contract shall be duly and fully paid and Contractor shall be paid the last month's billing under the prior contract for only the last month's collection and disposal services performed by Contractor.

23.2 **Term.** The initial term of this Agreement shall be for Five (5)years and shall commence on March 1, 2006 and terminate on February 28, 2011, subject to an annual evaluation by the City under paragraph 9.0 herein and termination as provided for in paragraph 14.0 herein. The term of this Agreement maybe extended pursuant to paragraph 23.3 herein.

23 3 **Renewal.** Upon mutual agreement, this Agreement may be renewed by the City for a four (4) year renewal term. If the City elects to renew this Agreement, the City shall provide written notice of the renewal to the Contractor no later than ninety (90) days prior to the expiration of the term of this Agreement.

24.0 **Disruption in Collection and Disposal Services.** In the event a disruption (e.g. strike, labor stoppage, collection equipment in disrepair) causes Contractor to fall one week or more behind in its collection schedule, City may, at its option, cause the collection and disposal services to be performed by any means available to City. Such means may include, but not be limited to, City taking over and operating the collection equipment used in the performance of this Agreement until such time Contractor can perform the collection and disposal services and City contracting with a third party to perform the collection and disposal services. Any cost incurred by City in exercising this option shall be charged against Contractor and the performance bond or alternative letter of credit furnished by Contractor under this Agreement. The foregoing option shall only be exercised by a majority vote of the City's City Commission after the City Commission has declared that the disruption has caused an emergency to arise within the service area that adversely effects the public health, safety, and welfare.

25.0 **Liquidated Damages.** It is the intent of Contractor and City to provide for liquidated damages for certain breaches of this Agreement by Contractor. However, liquidated damages shall temporarily not be imposed for a ninety (90) day period commencing upon the effective date of this Agreement in order to provide the Contractor with a grace period under which to get established and acclimated to the service standards required under this Agreement. The liquidated damages set forth shall not be construed as a penalty. At the effective date of this Agreement, Contractor and City agree that any damages flowing from Contractor's breach of paragraphs 25 .1 through 25 .29, inclusive, are not readily ascertainable, and the liquidated damages set forth therein are reasonable and proportionate to any damages that might reasonably be expected from a breach of said paragraphs. As such, should Contractor fail to perform the collection and disposal services required below, City shall be entitled to

liquidated damages. Liquidated damages will be generally categorized as general and administrative complaints as follows:

GENERAL COMPLAINTS:

25.1 Failure to collect missed customers per the service policy at a particular address on the the same day as given notice.

25.2 Collection of Commercial, Residential Solid Waste and /or Recyclables before 7:00 AM or after 7:00 PM. within the service area.

25.3. Co-mingling solid waste with Vegetative waste, recyclable Materials, C & D materials or Other waste materials within the service area.

25.4 Failure to clean spillage within the service area other than hydraulic and other fluids of any type in accordance with the Agreement.

25.5 Failure to replace damaged containers within five days, twenty four (24) hours for residential at a particular address.

25.6 Failure to return containers or garbage receptacles to appropriate location as per the Agreement at a particular address.

25.7 Failure to repair or schedule to be repaired damage to customer's property within 7 days.

25.8 Failure to comply with the current schedules and route maps within the service area.

25.9 Failure to respond to customer complaints and customer calls in a timely fashion and appropriate manner as per the "customer service policy" provided to the City from the Contractor at a particular address.

25.10 Failure to complete a route on the regular collection day.

25.11 Causing skid marks, spillage marks on roadways, private driveways or any thoroughfare within the service area

25.12 Failure to close gates on dumpster enclosures as well as container lids on commercial customers locations at a particular address.

25.13 Causing hydraulic spills or leaks as well as any other fluids having potential to damage or stain asphalt, concrete or other roadway surfaces within service area.

No liquidated damages will be imposed for such legitimate general complaints if Contractor resolves the complaint to the City's satisfaction by 7:00 pm of the same day that the complaint is received by the Contractor, provided, however, if the complaint is received by the contractor after 12:00 noon, Contractor shall have until 12:00 noon of the following day to resolve the complaint. Notwithstanding the aforesaid, if Contractor receives the same type of legitimate general complaint more than three (3) times within the same calendar week (Monday through Sunday) , liquidated damages will be imposed beginning on the fourth such complaint and all such complaints thereafter during the calendar week. The liquidated damages shall be $150.00 for each such complaint that is resolved with the aforementioned time periods and $300.00 for each such complaint that is not resolved within said time periods.

ADMINISTRATIVE COMPLAINTS:

25.14	Failure to provide clean, safe and beginning of each work schedule.	$500.00 per incident sanitary equipment at the
25.15	Failure to maintain signs stating "Serving the City of Winter Springs" on all collection and work vehicles while servicing the City.	$250.00 per incident
25.16	Failure to maintain office hours as required.	$200.00 per incident
25.17	Equipment operator not properly licensed.	$500.00 per incident
25.18	Failure to provide documents and reports in a timely and accurate manner per Agreement	$250.00 per incident
25.19	Failure to cover materials, if appropriate, on all collection vehicles.	$250.00 per incident
25.20	Failure to have name and phone number displayed on all equipment or containers.	$250.00 per incident
25.21	Failure to comply with employee roster, proper uniforms and employee identification per Agreement.	$300.00 per incident
25.22	Using improper unauthorized equipment or vehicles to service commercial or residential customers.	$250.00 per incident
25.23	Failure to provide monthly tonnage reports	$250.00 per incident
25.24	Failure to submit financial reports by the required date	$500.00 per incident

25.25	Failure to provide proper notification prior to Residential Route changes.	$250.00 per incident
25.26	Failure to follow established reporting, operational or administrative procedures.	$300.00 per incident
25.27	Failure to provide promotional and educational materials, activities, advertisements and civic awareness programs annually as per the Agreement	$1,000.00 per year
25 .28	Contractors failure to provide the quantity of approved roster equipment within the City during the required collection days.	$500.00 per incident
25.29	Failure to report accidents/ damage /spillage to the City immediately and provide a copy of a written report in the same day.	$250.00 per incident

With respect to administrative complaints, the Contractor will be afforded a twenty-four hour time period in which to correct said complaints before liquidated damages are imposed by the City. Therefore, no liquidated damages will be imposed for an administrative complaint if Contractor resolves the complaint to the City's satisfaction within twenty-four hours of Contractor receiving the administrative complaint. Failure to resolve the complaint within the prescribed time period shall result in liquidated damages as set forth above.

In addition and supplemental to the liquidated damages stated above, liquidated damages in the amount of $600.00 per legitimate general and administrative complaint shall be imposed for each

such complaint in excess of forty (40) for any given calendar month. The Contractor agrees and acknowledges that over forty legitimate complaints in any given calendar month is excessive and should be subject to additional liquidated damages.

When liquidated damages are imposed hereunder, such liquidated damages shall be deducted from the monthly payments due the Contractor under this Agreement. In the event that Contractor does not accept the deductions, the City shall have the right to claim against the performance bond or letter of credit required under this Agreement.

26.0 **Contractor's Representative** . Contractor shall designate an individual to act as a representative for Contractor under this Agreement with the authority to transmit instructions, receive information, and make or interpret Contractor's decisions. This person shall be Contractor's contract administrator. Initially, the person who shall act as the representative for Contractor with respect to this Agreement shall be Robert Hires. Contractor may from time to time designate other individuals or delete individual's with the authority to act for Contractor under this Agreement with the authority to transmit instructions, receive information, and make or interpret Contractor's decisions. All deletions or designation of individuals to serve as a representative shall be given by written notice.

27.0 **Time of the Essence.** Contractor acknowledges and agrees that time is of the essence for the completion of the collection and disposal services to be performed under this Agreement. Unless otherwise extended in writing by the City, Contractor agrees to complete the collection and disposal services as required by this Agreement.

28.0 **Sovereign Immunity.** Nothing contained in this Agreement shall be construed as a waiver of the City's right to sovereign immunity under Section 768.28, *Florida Statutes,* or other limitations imposed on the City's potential liability under state or federal law.

29.0 **Franchise Costs.** Contractor agrees to pay the reasonable administrative and legal costs incurred by the City in initially granting this Franchise, which shall be Three Thousand and No/100 Dollars ($3,000.00). Payment shall be made to the City no later than thirty (30) days from the initial effective date. In the event this Franchise is renewed, transferred or assigned, Contractor or its successor in interest shall pay to the City the reasonable legal and administrative costs incurred with said renewal or assignment, not to exceed Four Thousand and No/100 Dollars ($4,000.00). Payment shall be made to the City no later than thirty(30) days from the effective date of said renewal, transfer, or assignment.

30.0 **Title to Refuse.** The City shall have the right and title to all refuse, except commercial recycling, collected by Contractor under this Agreement.

31.0 **Public Awareness Campaign.**

31.1 **General.** Contractor agrees to provide, and assist the City in conducting, a public awareness campaign to promote the collection and disposal services provided under this Agreement. All materials and publications used by Contractor shall be reviewed by the City and approved by the Authorized Representative. All materials and publications used by the City shall be reviewed by Contractor and approved by Contractor's representative.

31.2 **Automated Cart Program.** Upon the effective date of this Agreement, the City may request that Contractor implement a new Automated Cart Program within the service area. Contractor shall provide communication of said service to all customers receiving the service by direct mail, a letter to all Homeowners' Associations, and City newsletter and website. During the implementation phase, Contractor shall also conduct a customer satisfaction survey which shall be reported to the City in writing upon completion.

32.0 **Solid Waste Disposal Sites.** The Contractor shall transport all solid waste to a site or facility that is legally empowered to accept such waste for treatment and disposal. The City reserves the right to approve or disapprove disposal sites, at its discretion, taking into account all pricing, type and amount of waste to be disposed, governmental regulations, routes of Contractor, and the rules and regulations of the governmental body having jurisdiction over such sites or facilities.

33.0 **Community Involvement.** The Contractor shall be actively involved in community events that are sponsored or recognized by the City and Contractor shall budget and expend a minimum of Five Thousand Dollars($ 5000.00) per year. Contractor agrees to have a strong presence in local civic clubs and organizations such as homeowners associations, local business organizations and student organizations such as Junior achievement.

34.0 **Favored Nations Clause.** In the interest of fairness and enhanced service to the public, Contractor agrees that during the term of this Agreement, Contractor shall not enter into any contractual arrangement for like services in an area that is generally considered urban in character, after the effective date of this Agreement, with any other municipality or county in the counties of Seminole, Orange, or Osceola, which provides or makes available, any rate and/or other applicable terms more favorable than that provided to the City under this Agreement, without first making such offer available to the City. In such event, the City shall have the option, exercisable in writing, to replace the rate and/or applicable terms stated in this Agreement with the more favorable terms set forth in the other agreement which are applicable to the City's situation. The City shall notify the Contractor, in writing, of the City's election to accept such substitute rate and/or terms pursuant to an agreement amending or replacing this Agreement.

35.0 **Performance Bonus.** To the extent permitted by law, beginning with the first anniversary of this Agreement, Contractor shall be entitled to earn a performance bonus for the prior year's collection and disposal services within the service area, provided Contractor receives a customer satisfaction rating of ninety percent (90%) or greater. The rating shall be determined by a competent and independent research consultant chosen by mutual agreement of the Contractor and City. The Contractor shall pay fifty percent of the cost of retaining the consultant. The performance bonus shall be Twelve Thousand Five Hundred Dollars ($12,500.00) per year for the first three years performance under this Agreement and Fifteen Thousand Dollars ($15,000.00) per year thereafter.

ATTEST:

Andrea Lorenzo-Luaces, City Clerk

CITY OF WINTER SPRINGS. FLORIDA:

By: _____
John F. Bush, Mayor

Date: February 15, 2006

CORPORATE SEAL:

CONTRACTOR:

WASTE PRO OF FLORIDA, INC.

WITNESS:

Print Name/Title: CFO

By: _____

Print Name/Title: Vice Pres, Oerd

Date: _____

Institute for Social and Behavioral Science

UNIVERSITY OF CENTRAL FLORIDA

City of Winter Springs Customer Satisfaction Survey with Waste Management Services

Amy Donley, PhD and Jacquelyn Reiss, PhD

June 30, 2025

Presented to the City of Winter Springs

Comments welcomed to Amy Donley at amy.donley@ucf.edu

The UCF Institute for Social and Behavioral Science (ISBS) was contracted by the City of Winter Springs, FL to conduct a survey with residents to determine the level of customer satisfaction with the City's solid waste disposal subcontractor, Waste Pro.

METHODOLOGY

The survey questionnaire (Appendix A) was approved by City of Winter Springs and Waste Pro staff. To allow for data collection, the questionnaire was coded into the online surveying platform, Qualtrics. To facilitate distribution of the survey online, customer email addresses were provided by the City of Winter Springs. ISBS sent an email to residents with a link to the survey. The survey was available to be taken from June 16, 2025 to June 25, 2025. On June 23, 2025 a reminder email was sent to everyone who had not yet taken the survey.

DATA COLLECTION

The questionnaire contains an initial screening question to ensure only residents who currently live in the City of Winter Springs and are charged for trash collection services are able to complete the survey. To do this, at the beginning of the survey respondents are asked the following screening question:

"Does the monthly water bill that you get from the City of Winter Springs include a charge for trash collection services?"

If an individual responds "no" or "don't know" to the question above, they are directed to the end of the survey and, thus, excluded from the final sample.

Table 1 shows the breakdown of the survey dispositions. The initial sampling frame was comprised of 9,967 customer email addresses. Of these, 845, or 8.5%, of customers could not be reached over email because the email to their provided email address either bounced back or failed. Of those that did receive the email and opened the survey link, 660 customers completed the survey. Although 660 surveys were submitted, some were excluded because they were not 18 years of age or older (n=1), they did not live in Winter Springs (n=3), or they did not answer "Yes" to the screening question discussed above (n=136). After eliminating those survey respondents, the final sample of Waste Pro customers was 500, which was 5.5% of all total valid emails (n=9,122).

TABLE 1. DATA COLLECTION

	Total
TOTAL COLLECTED SURVEYS	660
WASTEPRO CUSTOMERS	**500**
DID NOT COMPLETE PAST SCREENING QUESTIONS	20
DID NOT LIVE IN WINTER SPRINGS	3
DID NOT ANSWER "YES" WASTEPRO CHARGES ON MONTHLY BILL	136
BOUNCED/ FAILED EMAILS/DUPLICATES	845
NO RESPONSE	8,462
TOTAL EMAILS SENT	**9,967**

RESULTS

Overall Customer Satisfaction

After the initial screening questions, the survey asked participants about their overall satisfaction with the trash collection services. The question is as follows:

"As you probably know, solid waste in Winter Springs is picked up by a private contractor, Waste Pro. All in all, are you satisfied or unsatisfied with the trash collection services you receive at your place of residence?"

Of the 500 Waste Pro customers who submitted a survey, 496 customers responded to this question. The results show that customer satisfaction with Waste Pro was 90.7% which exceeds the 90% satisfaction rating required for an annual bonus (Table 2).

TABLE 2. SATISFACTION WITH TRASH COLLECTION SERVICES

	Frequency	Percentage (%)
SATISFIED	450	90.7%
UNSATISFIED	46	9.3%
TOTAL	496	100%

Specific Comments & Complaints

The satisfaction questions were followed by an open-ended question asking participants about specific comments complaints they have about their trash collection services. The question reads:

"Do you have any specific complaints about the trash collection service that you would like express?"

While the satisfaction with Waste Pro's services was high, many customers took the opportunity to express their comments or complaints with Waste Pro's services. Of the 500 Waste Pro customers who submitted a survey, 223 answered that they had a comment or complaint to express. Of these, 221 left a comment.

Approximately 177 participants that left a comment or complaint indicated that they are satisfied with their trash collection services in question 6 of the survey. Comments left by customers are overwhelmingly positive and many customers suggest that the service is "great," "excellent," "good," and "reliable." A few others emphasize their appreciation for the 2-day a week pick-up and Friday bulk pick-up.

Further, a significant proportion of customers specifically left compliments for the trash collectors noting that they are always on time/schedule, "friendly," "work-hard," "helpful," "very efficient," "neat," and "professional." Many mentioned positive interactions with workers as well. For example, one customer said that the workers were very helpful and provided assistance when they couldn't bring their own bins in.

Satisfied customers also left concerns and suggestions relative to those concerns. A significant number of customers mentioned that trash pick-up is inconsistent. One customer indicated that trash pick-up is inconsistent with recycling pick-up. Others said (their) houses or houses on their street are sometimes skipped. There were also a significant number of customer who were satisfied overall with Waste Pro services but said that trash does not always get picked-up on the right day and that times are inconsistent.

There were also a number of satisfied customers that expressed that the bins are sometimes tossed, which results in either the bins breaking, things breaking (for example, one customer's mailbox was broken), or they are left obstructing cars in the road or in people's driveways. Customers emphasized that they "wish they'd put bins back onto the driveway or curb" "more carefully."

Another common comment left by satisfied customers related to service costs. Many stated that the service is too expensive. Examples of these sorts of comments include: "I wish it was less expensive. As a single person, I have barely one can per month and have

the same cost as someone with 5 household members," "Too expensive, but the employees are friendly," and "The service is good, but the price is getting ridiculous." Another customer stated that they should not be charged for the service if they are not using it as they only live at that residence for part of the year, so they wish they were not charged for the months no one was using the service.

Other suggestions left by satisfied customers include the following:

- Christmas tree pick-up should be better communicated
- Wish they came earlier in the day
- Let residents know if trash cans or recycling bins are taken
- Not clear when bulk pick-up is
- Monday pick-up often conflicts with holidays
- Trash is left in the road and that drivers should pick-up spilled trash or waste

Alternatively, 44 participants that left a comment or complaint said that they were unsatisfied with their trash collection services in question 6 of the survey. While a few of these customers did indicate some satisfaction with Waste Pro, most comments included concerns with specific aspects of their trash collection services which were similar to the concerns expressed by satisfied customers. The overall concerns were that trash was not picked-up consistently, that yard waste or bulk items were not picked-up consistently, that the service is too expensive, that trash bins/cans are frequently left in the road/driveway, and that trash and liquids are left or leaked into the streets.

Customers who expressed concern about the consistency of trash pick-up were concerned about the inconsistent pick-up times, inconsistency in yard debris and bulk trash pick-up, and that their house or street was regularly skipped. For example, one customer stated, "Waste Pro doesn't follow the schedule for trash pickup. We're scheduled for Tuesday and Friday for normal trash removal and for landscaping debris removal on Wednesday. They rarely come pickup landscaping debris. We've called several times and promised that they would send someone out--but they never do" and another mentioned "Yard waste collection is spotty-sometimes it does not get picked up at all."

Similarly, other customers expressed frustration about their trash not being picked up. For example, one shared, "I have been satisfied up until this year. We have been consistently skipped for yard waste and trash pickup has been skipped several times. It doesn't seem like we get the same gentlemen collecting our trash that we used to" and another stated, "Inconsistent pick up. I often have to call to remind them that they skipped our street entirely. This happens at least once a month."

Similar to satisfied customers, a number of customers who are not satisfied with their trash collection service suggested they are frustrated that the trash collectors are not considerate when placing the trash bins back after emptying them. Many noted that the bins are tossed back and that trash collectors are not careful about putting them back. Moreover, they said that bins are frequently left in the driveway or road causing residents to have to move the cans before being able to park in their driveway. Another said, “As a safety concern workers will slide the recycle bin without looking to check if anyone is passing the approaching truck. As a bike rider I've almost been hit several times.”

Other customers who were unsatisfied with their trash collection service expressed frustration about the cost of the service. They said that the bill is too high and that the service costs too much. For example, one customer stated, “Also, without going out for a formal bid, the City increased our monthly trash pickup costs exorbitantly! There are plenty of other competitive companies who would probably do the same service for less. Shame on the City for not following government RFP guidelines and just increasing customer costs based on a consultant review.”

A handful of other customers expressed concerns about trash or liquid from the waste being left or leaked in the streets. One customer stated, “The trash trucks dribble foul smelling liquid all along the streets of my neighborhood. Sometimes it is dreadful. This is not only inconvenient but a public health hazard. I called about this once and they admitted to using old leaky trucks. Nothing has changed though. They need to solve this and Winter Springs health officials should be called in to investigate.”

Customers to Contact

Customers who expressed any sort of comment or complaint, regardless of whether they reported overall satisfaction with their trash collection services or not, were asked if they would like to be contacted by the City of Winter Springs to discuss their specific comments or complaints.

Table 3 shows that out of the 223 customers that indicated they had a specific comment or complaint and of those, 221 customers left a comment in their survey response and 23 said that they would like to be contacted about their comment or complaint. The customers’ contact information, as well as their complaint, is listed in the “Complaint Contact” sheet in the attached Excel document.

TABLE 3. COMMENTS, COMPLAINTS, AND CONTACT INFORMATION

	Has a Comment or Complaint		Wants to be Contacted	
	Freq.	**%**	**Freq.**	**%**
YES	223	55.2%	23	10.4%
NO	181	44.8%	198	89.6%
TOTAL	404	100%	221	100%

Damaged Trash Bins

Lastly, all respondents were asked if their trash collection containers are damaged to the point that they need replacing. The question reads as follows:

"Is your trash collection container (bin) damaged to the point where you would like it to be replaced?"

Out of the 500 Waste Pro customers who responded to the survey, 494 responded to this question (Table 4). Most customers indicated that they are satisfied with the condition of their containers (90%); 49 customers' containers are damaged to the point where they would like them replaced. Of those, 49 left their name, address, and contact information, which can be found in the "Damaged Bins Contact" sheet in the attached Excel document.

TABLE 4. DAMAGED TRASH COLLECTION CONTAINERS

	Frequency	Percentage (%)
YES	49	10%
NO	445	90%
TOTAL	494	100%

Appendix A. Winter Springs WastePro Survey 2025

Start of Block: Default Question Block

Q1 The purpose of this survey is to measure customer satisfaction and collect feedback concerning waste management services in Winter Springs, FL. It will take less than two minutes and is completely confidential.

Q2 Consent form here

Q3 Are you at least 18 years old?

- ○ Yes (1)
- ○ No (2)

Skip To: End of Survey If Are you at least 18 years old? = No

Q4 Do you currently reside in Winter Springs, FL?

- ○ Yes (1)
- ○ No (2)

Skip To: End of Survey If Do you currently reside in Winter Springs, FL? = No

Q5 Does the monthly bill that you get from the City of Winter Springs include a charge for trash collection services?

- ○ Yes (1)
- ○ No (2)
- ○ I don't know (3)

Skip To: End of Survey If Does the monthly bill that you get from the City of Winter Springs include a charge for trash col... = No

Skip To: End of Survey If Does the monthly bill that you get from the City of Winter Springs include a charge for trash col... = I don't know

Q6 As you probably know, solid waste in Winter Springs is picked up by a private contractor, Waste Pro. All in all, are you satisfied or unsatisfied with the trash collection services you receive at your place of residence?

- ○ Satisfied (1)
- ○ Unsatisfied (2)

Q7 Do you have any specific comments or complaints about the trash collection service that you would like to express?

- ○ Yes (Please enter your comments in the text box below.) (2)
  _____
- ○ No (1)

Display This Question:

If Do you have any specific comments or complaints about the trash collection service that you would... = Yes (Please enter your comments in the text box below.)

Q8 Would you like to be contacted by the City of Winter Springs to talk to them about your trash collection issues?

- ○ Yes (2)
- ○ No (1)

Q9 Is your trash collection container (bin) damaged to the point where you would like it to be replaced?

- ○ Yes (2)
- ○ No (1)

Skip To: Q10 If Is your trash collection container (bin) damaged to the point where you would like it to be repla... = Yes

Display This Question:

If Would you like to be contacted by the City of Winter Springs to talk to them about your trash col... = Yes

Or Is your trash collection container (bin) damaged to the point where you would like it to be repla... = Yes

Q10 What is your name and street address?

- ○ Last Name (1) _____
- ○ First Name (2) _____
- ○ Street Address (3) _____

Q11 What is the best way to contact you: phone or e-mail?

- ○ Phone (1)
- ○ E-mail (2)

Display This Question:

If What is the best way to contact you: phone or e-mail? = Phone

Q12 What is your phone number, including the area code?

- ○ Phone Number (1) _____

Display This Question:

If What is the best way to contact you: phone or e-mail? = E-mail

Q13 What is your email address?

- ○ Email Address (1) _____

End of Block: Default Question Block

Waste Pro
Caring for Our Communities

Winter Springs
2025 UCF Survey

Tim Dolan
Vice President of Government Affairs
tdolan@wasteprousa.com







Waste Pro USA

A Personal Touch With Premium Resources

Founded in 2001

John Jennings – Founder & Chairman of the Board

Sean Jennings – President & CEO

Headquarters in Longwood, Florida

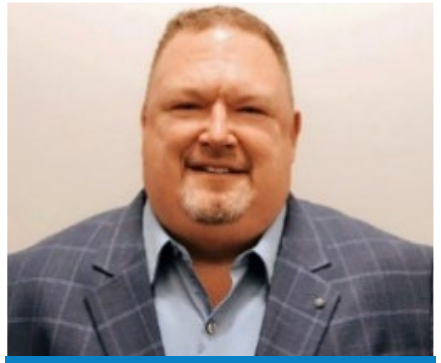
12 Southeastern States

4,200 State of the Art Trucks

5,500+ Employees



Waste Pro's Central Florida Management Team



Erik Sankey
Regional VP



Eric Saxton
Division Manager



Steve Bruten
Operations Manager



Susie Magendantz
Community and Government Affairs



250 employees

- ✓ 17 full-time employees dedicated to Winter Springs
- ✓ 61 employees call Winter Springs "home"

106 trucks

Winter Springs

- ✓ 6 rear load
- ✓ 2 recycle
- ✓ 1 frontload

Winter Springs Services



2x per week garbage in 96-gallon carts

1x per week recycling in 18-gallon bins

1x per week yard waste bagged, bundled, tied, or in receptacle

Bulk and white goods on “as needed” basis

Winter Springs Service

12,480 homes

x **4** times per week

x **52** weeks per year

= **2,595,878** service stops per year

Last 12 months = 800 reported concerns = **0.031%** of total service events

2025 Survey Data

RESULTS

Overall Customer Satisfaction

After asking participants the initial screening questions, the survey asked participants about their overall satisfaction with the trash collection services. The first question that asked customers about their overall satisfaction levels was presented as follows:

"As you probably know, solid waste in Winter Springs is picked up by a private contractor, Waste Pro. All in all, are you satisfied or unsatisfied with the trash collection services you receive at your place of residence?"

2025 Reported Survey Data

Satisfaction With Trash Collection Services		
	Frequency	**Percentage (%)**
Satisfied	450	90.7%
Unsatisfied	46	9.3%
TOTAL	496	100%

Survey 2025
Positive Comments

- ✓ Amazing service. Best part of the city. Would recommend to friends and family.
- ✓ Always friendly, safety conscious, and very dependable.
- ✓ They are so reliable that it is easy to take them for granted.
- ✓ In my 12 years of residing in WS, the crews serving our neighborhood, Winter Springs Village, are the neatest and most professional I have ever had the pleasure of interacting with.
- ✓ Our trash collectors go above and beyond every day! They are fantastic, engaging and have great attitudes.



Survey 2025
Room for Improvement



Yard waste pick up

Missed trash

Cart / bin placement

Tagging oversized trash / yard waste

2025 Satisfied vs. Unsatisfied

Satisfaction With Trash Collection Services		
	Frequency	**Percentage (%)**
Satisfied	450	90.7%
Unsatisfied	46	9.3%
TOTAL	496	100%


WASTE PRO®
Caring For Our Communities®
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CONSENT AGENDA ITEM 300

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Surplus Assets

SUMMARY

The attached surplus asset list details fixed assets that are no longer function or needed and will be disposed of according to the City fixed asset procedure.

FUNDING SOURCE

RECOMMENDATION

Staff recommends the Commission authorize the disposition of surplus assets according to the disposition sheet.

Comission Date	Surplus Assets	Methods of Disposal	
10/13/2025		1 - Auction/Sale	6 - Totaled/Accident
		2 - eWaste	7 - Lost
		3 - Destroy	8 - Stolen
		4 - Salvage	9 - Donated
		5 - Trade-in	10 - Transfer

Department	Description	Asset #	Acquisition Date	Original Cost	Method of Disposal
Police Dept	Equip Rescue Phone	301417	5/28/2004	$ 5,000.00	9
Police Dept	CNT Cellular Response Console	302026	9/12/2014	$ 1,495.00	9
Police Dept	Kustom Signals, Inc 3 Digit Gaint Display	#4530 -S/N: GD2527	N/A - Controlled	N/A - Controlled	9
Police Dept to Marketing and Events	Camera D3100 Kit Nikon	301901	3/11/2011	$ 1,374.19	10
Police Dept to Fleet Maintenance	092 - 2010 Ford F150	301858	3/5/2010	$ 18,790.00	10
Police Dept	Furn Desk Executive L-Shaped	300173	9/17/2004	$ 1,063.50	4
Police Dept	Equip Filtration Sysem	303342	9/9/2011	$ 4,400.00	4
Police Dept	Furniture Set - Chief of Police	302324	5/17/2019	$ 2,019.00	4
Police Dept	093 - 2015 TAHOE	302075	9/26/2014	$ 38,066.45	9
Police Dept	089 - 2013 Tahoe Black	301984	3/8/2013	$ 30,530.11	9
Police Dept	017 - 2011 Chevrolet Tahoe	301924	12/31/2011	$ 27,594.98	9
Police Dept	024 - 2015 TAHOE	302076	9/26/2014	$ 38,066.45	9
Police Dept	011 - 2018 Ford Police Interceptor vehicle	302319	2/22/2019	$ 28,376.00	1
Police Dept	043 - 2009 Chevy Tahoe	301849	9/4/2009	$ 26,928.34	1
Police Dept	097 - 2013 Chevrolet Impala	301986	3/8/2013	$ 24,240.35	1
Police Dept	050 - 2010 Ford F-150	301848	10/5/2009	$ 20,025.31	1
Police Dept	084 - 2012 Chev Tahoe	301949	3/17/2012	$ 28,719.93	1
Police Dept	086 - 2012 Chev Tahoe	301947	3/17/2012	$ 28,719.95	1
Police Dept	009 - 2011 Chev Impala	301912	3/11/2011	$ 22,938.96	1
Police Dept	091 - 2013 Chevrolet Impala	301991	3/8/2013	$ 23,536.12	1
Police Dept	Veh 2012 Chev Tahoe #85	301946	3/17/2012	$ 28,719.95	6
Police Dept	Veh 2012 Chev Tahoe #87	301948	3/17/2012	$ 28,719.95	6
Fleet Maintenance	410-5- TAHOE	301846	2/19/2010	$ 25,281.00	1
Parks & Rec	321 - TRUCK · 2004 Ford F-150 Heritage	300054	2/27/2004	$ 20,064.00	1
Public Works	415 - 2006 Ford F250 SD Truck	300533	3/7/2006	$ 18,455.00	4
Public Works	Multiquip Walk Behind Roller	300959	1/21/2009	$ 10,950.00	1
Public Works	Brush Chipper	307665	11/20/1995	$ 21,504.07	1
Public Works	Trailer Roller	307695	4/1/1991	$ 2,190.00	1
Stormwater	569 - 2008 Ford F250 With F350 Option	300930	8/14/2008	$ 34,522.00	1
WATER & SEWER	743 - 2011 Ford Escape	303301	6/21/2011	$ 16,817.00	1
WATER & SEWER	753 - 2003 Ford F150 Xcab	307855	4/4/2003	$ 20,419.00	1
WATER & SEWER	834 - 2005 Ford F-150 4X4	300398	6/16/2005	$ 23,928.00	1
WATER & SEWER	Equip Maletti Rotary Tiller	300845	2/13/2008	$ 4,690.00	1
WATER & SEWER	Aluminum Trench 5 Panels,4Posts,4Struts	307697	4/23/1998	$ 4,877.00	4
Information Services	COMPUTER TOUGHBOOK 53 CF	302112	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302110	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302116	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302106	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302107	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302111	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302115	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302108	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302114	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302113	6/29/2015	$ 2,948.77	5
Information Services	COMPUTER TOUGHBOOK 53 CF	302109	6/29/2015	$ 2,948.77	5
Information Services	Panasonic CF-53 laptop	302161	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302174	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302172	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302171	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302165	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302166	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302176	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302169	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302168	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302164	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302173	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302163	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302177	12/4/2015	$ 3,056.01	5
Information Services	Panasonic Toughbook CF53	303963	12/4/2015	$ 2,948.77	5
Information Services	Panasonic CF-53 laptop	302170	12/4/2015	$ 3,056.01	5
Information Services	Panasonic CF-53 laptop	302162	12/4/2015	$ 3,056.01	5
Information Services	Panasonic Laptop	303771	2/10/2017	$ 2,824.99	5
Information Services	Panasonic Laptop	303777	2/10/2017	$ 2,824.99	5
Information Services	Panasonic Laptop	303773	2/10/2017	$ 2,824.99	5

Information Services	Panasonic Laptop	303778	2/10/2017	$ 2,824.99	5
Information Services	Panasonic Laptop	303772	2/10/2017	$ 2,824.99	5
Information Services	Panasonic Laptop	303775	2/10/2017	$ 2,824.99	5
Information Services	Panasonic Laptop	303776	2/10/2017	$ 2,824.99	5
Information Services	Panasonic Laptop with Docking Station	303770	2/10/2017	$ 3,101.69	5
Information Services	Panasonic Laptop with Docking Station	303765	2/10/2017	$ 3,101.69	5
Information Services	Panasonic Laptop with Docking Station	303767	2/10/2017	$ 3,101.69	5
Information Services	Panasonic Laptop with Docking Station	303766	2/10/2017	$ 3,101.69	5
Information Services	Panasonic Laptop with Docking Station	303769	2/10/2017	$ 3,101.69	5
Information Services	PANASONIC CF-54 LAPTOP	302296	6/29/2018	$ 2,938.99	5
Information Services	Panasonic CF-54 laptop	302297	6/29/2018	$ 2,938.99	5
Information Services	Panasonic CF-54 laptop	302309	9/21/2018	$ 2,938.99	5
Information Services	Panasonic CF-54 laptop	302306	9/21/2018	$ 2,938.99	5
Information Services	Panasonic CF-54 laptop	302307	9/21/2018	$ 2,938.99	5
Information Services	Panasonic CF-54 laptop	302308	9/21/2018	$ 2,938.99	5
Information Services	Panasonic CF-54 Toughbook laptop	302334	9/13/2019	$ 2,668.88	5
Information Services	Panasonic CF-54 Toughbook laptop	302336	9/13/2019	$ 2,668.88	5
Information Services	Panasonic CF-54 Toughbook laptop	302333	9/13/2019	$ 2,668.88	5

CONSENT AGENDA ITEM 301

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Police Vehicle Purchase

SUMMARY

The Police Department requests to purchase five (5) new Ford Police Patrol Interceptor fleet vehicles from Alan Jay Ford at the Sourcewell Contract #2025 091521-NAF & 032824-NAF. These completely outfitted police patrol vehicle expenditures are not to exceed $333,020.00.
These new vehicles will replace five (5) current police patrol vehicles at the end of their service life. Alan Jay Ford Fleet Sales is authorized to sell the units at the approved Sourcewell Contract prices.

FUNDING SOURCE

The funding source for the purchase of these Ford Police Interceptor vehicles, striping graphics, and related emergency equipment was approved by the commission in the FY 2026 capital budget, under line code 01-21-2100-560641.

RECOMMENDATION

Staff recommends the City Commission approve the purchase of five (5) fully-equipped police vehicles using vendors Alan Jay Ford Fleet Sales under Sourcewell contract #2025-091521-NAF & 032824-NAF and Lights & More Installations, under city contract, for a total combined cost not to exceed $333,020.00.

ESTIMATE

Lights N More Installations LLC
958 Josiane Ct
Altamonte Springs, FL 32701-3688

MIKE@LNMINSTALLATIONS.COM
+1 (407) 668-9962

Bill to
City of Winter Springs

Estimate details
Estimate no.: 1158
Estimate date: 08/07/2025

#	Date	Product or service	Description	Qty	Rate	Amount
1.			Winter Springs contract pricing			$0.00
2.		**Services**	UNDERCOVER PACKAGE FRONT VISOR REAR VISOR CORE V2V SYNC, SIREN SPEAKER CONTROL HEAD AND COMMUNICATION CABLE	5	$2,795.00	$13,975.00
3.		**Services**	WECANX EXTERNAL AMP	5	$225.00	$1,125.00
4.		**Services**	SA315U 100 WATT SIREN SPEAKER	5	$169.00	$845.00
5.		**Services**	EXPANSION MODULE 8 output	5	$145.00	$725.00
6.		**Services**	TRACERS BLUE WHITE	5	$1,295.00	$6,475.00
7.		**Services**	TION DUO QTY 4 PER VEHICLE BLUE WHITE	5	$419.80	$2,099.00
8.		**Services**	CC-20-UV10-L8 PI Utility 18" Sloped console, 10" slope, 8" level faceplate area.	5	$396.99	$1,984.95
9.		**Services**	FP-USBC2-2DC 2" faceplate with (1) dual USB-C /USB port and (2) DC outlets.	5	$55.46	$277.30
10.		**Services**	AC-INBHG 4" internal dual-cup beverage holder.	5	$41.02	$205.10
11.		**Services**	FP-SGTRAY 4" console tray for cell phone, keys, etc.	5	$29.70	$148.50

12.	**Services**	AC-TB-ARMMNT-58 Height-adjustable rotating arm rest, bolts to rear of console.	5	$146.52	$732.60
13.	**Services**	CM-SDMT-SL-LED Side-mount computer mount. Includes Troy's unique slide-arm feature.	5	$389.87	$1,949.35
14.	**Services**	CM-LT-1600 Theft-deterrent deluxe laptop tray for computers up to 15"W x 11.5H.	5	$275.83	$1,379.15
15.	**Services**	TP-E-SL6-US-SS Front partition with sliding window, square-hole crawl-thru barrier, weapon recess panel.	5	$659.64	$3,298.20
16.	**Services**	KP-20-FDUV-SS Ford PI Utility partition kick panel w/big-foot pockets.	5	$146.03	$730.15
17.	**Services**	WG-20-FDUV-SET PI Utility driver/passenger side window guards, welded bars, vertical design.	5	$213.74	$1,068.70
18.	**Services**	PS-20-UV-OS-RL PI Utility plastic seat with OS belts, rear partition poly window, square-hole side walls.	5	$1,490.55	$7,452.75
19.	**Services**	CP-UV20-MNT-EB PI Utility cargo elevated box mount.	5	$231.46	$1,157.30
20.	**Services**	AC-EB-SL-TRAY PI Utility electronics tray, 37.5" wide x 23.6" long.	5	$239.28	$1,196.40
21.	**Services**	CP-GB44248-T3 Storage vault, 44" W x 24" L x 8" H w/1.5" trim, 2 draw-tight locking handles.	5	$999.88	$4,999.40
22.	**Services**	INSTALLATION	5	$2,650.00	$13,250.00
23.	**Services**	BLAC RAK GUN LOCK	5	$675.00	$3,375.00
24.	**Services**	qty 2 vertex blue white per vehicle	5	$150.00	$750.00
25.	**Services**	mini tions for under hatch	5	$175.00	$875.00
26.	**Services**	strip lights with brackets for cargo windows	5	$275.00	$1,375.00
27.	**Services**	under mirror lights with bracket	5	$290.00	$1,450.00
28.	**Services**	stalker radar dual antenna	5	$2,900.00	$14,500.00
29.	**Services**	stop stix	5	$599.00	$2,995.00
30.	**Services**	duo tions with wedge kit	5	$275.00	$1,375.00

31.	**Services**	freight	5	$475.00	$2,375.00
32.	**Services**	tint	5	$125.00	$625.00
33.	**Services**	graphics	5	$605.00	$3,025.00
34.	**Services**	door handle covers for rear doors	5	$55.00	$275.00
35.	**Services**	streamlight flash light	5	$215.00	$1,075.00
36.	**Services**	STALKER RADAR MOUNTS	5	$125.00	$625.00
37.	**Services**	RADIO ANTENNA	5	$150.00	$750.00
38.	**Services**	TAG LIGHTS RED/BLUE	5	$209.90	$1,049.50
39.	**Services**	CEM16	5	$175.00	$875.00
			Total		**$102,443.35**

Accepted date **Accepted by**

PIGGYBACK RIDER FOR EMERGENCY LIGHTS AND ACCESSORIES

LIGHTS N MORE INSTALLATIONS, LLC.

THIS "PIGGYBACK" RIDER AGREEMENT FOR EMERGENCY LIGHTS AND ACCESSORIES ("Agreement") is made and entered into this 5 day of December, 2024, by and between the **CITY OF WINTER SPRINGS**, a Florida municipal corporation whose address is 1126 E. State Road 434, Winter Springs, Florida 32708 ("City"), and **LIGHTS N MORE INSTALLATIONS, LLC**, a Florida limited liability company authorized to transact business in the state, whose address is 958 Josiane Court, Altamonte Springs, Florida 32707 ("Contractor"). The City and Contractor agree as follows:

1. The Purchasing Policies of the City of Winter Springs allow for "piggybacking" contracts. Pursuant to this procedure, the City is allowed to "piggyback" an existing government contract, without the need to obtain formal or informal quotations, proposals, or bids. The parties agree that the Contractor has entered into a contract with the City of Sanford, Florida, (the **"Original Government Agency"**) said contract being identified as **Agreement Between the City of Sanford, Florida and Lights N More Installations, LLC - IRFQ 21-22-317 – Emergency Lights and Accessories, between the City Of Sanford, Florida, and Lights N More Installation, LLC., dated October 04, 2022** (said original contract being referred to as the **"Original Government Contract"**).

2. The Original Government Contract, including all associated Contract Documents, Exhibits, Attachments, and Addenda thereto, as defined in the Original Government Contract, is incorporated herein by reference and is attached as **Exhibit "A"** to this Agreement. All terms and conditions set forth in the Original Government Contract (Exhibit "A") are fully binding on the parties, and said terms and conditions are incorporated herein except to the extent expressly modified herein.

3. Notwithstanding the requirements that the Original Government Contract are fully binding on the parties, the parties have agreed to modify certain provisions of the aforementioned Contract Documents as applied to this Agreement between the Contractor and the City of Winter Springs, as follows:

a. Notwithstanding anything in Exhibit "A" to the contrary, the following terms shall be substituted throughout the Original Government Contract. "City of Sanford" shall be substituted by "City of Winter Springs." All references to the "City" shall refer to the "City of Winter Springs."

b. The term of this Agreement with the City of Winter Springs shall take effect on the date of execution by the City and Contractor ("Effective Date") and shall continue for the duration of the Original Government Contract or until all outstanding Purchase, Release, or Task Orders issued prior to the expiration of this Agreement have been either completed or terminated.

c. The pricing under the Original Government Contract shall remain firm throughout the duration of this Agreement. Price increases agreed to by the Original Government Agency after the Effective Date of this Agreement shall not be binding upon the City of Winter Springs unless an Amendment to this Agreement is properly executed by an authorized representative of the City of Winter Springs.

d. Order of Precedence.

The Original Government Contract shall be amended to provide that the Contract Documents shall consist of: (1) this Rider; (2) the Original Government Contract, together with all exhibits, attachments, and duly executed amendments; and (3) any and all Specifications, Amendments, Task Orders, Change Orders, and Field Orders issued after the Effective Date of this Agreement by the City of Winter Springs. The order of precedence will be as follows in the event of a conflict among the Contract Documents: properly executed Change Orders, Field Orders, and Amendments issued after the Effective Date of this Agreement; this Rider; the Original Government Contract.

e. Insurance.

The City shall be named an additional insured under the Contractor's commercial general liability, umbrella liability, and business auto policies.

Certificate Holder address shall read:

City of Winter Springs
Attn: Finance Department
1126 East State Road 434
Winter Springs, FL 32708

The remainder of the insurance requirements presented in Exhibit "A."

f. Public Records.

Section 7(D) of Exhibit "A" is amended to provide as follows.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: City Clerk, City of Winter Springs, 1126 East State Road 434, Winter Springs, FL 32708 or City-Clerk-Department@winterspringsfl.org or (407) 327-6560.

Section 7(D) is further amended to provide as follows.

If Contractor fails to comply with this Section, and the City must enforce this Section, or the City suffers a third party award of attorney's fees and/or damages for violating Chapter 119, Florida Statutes, due to Contractor's failure to comply with this Section, the City shall collect from Contractor prevailing party attorney's fees and costs, and any damages incurred by the City, for enforcing this Section against Contractor. And, if applicable, the City shall also be entitled to reimbursement of all attorneys' fees and damages which the City had to pay a third party because of the Contractor's failure to comply with this Article.

The remainder of the Section shall be unchanged.

g. Project Price.

The amount set forth in any individual Purchase Order/Release Order entered into under this Agreement shall not exceed fifty thousand dollars ($50,000) without the prior authorization of the Winter Springs City Commission. The remainder of the Original Government Contract's price terms shall remain unchanged.

h. Section 6 of the Original Government Contract shall be stricken in its entirety and replaced with the following:

The parties shall be bound by the purchasing policies and procedures of the City of Winter Springs as well as the controlling provisions of all applicable local, state, and federal laws. Purchase/work/task orders shall be used, in accordance therewith, in the implementation of this Agreement to the extent deemed necessary by the City in its sole and absolute discretion.

i. Section 9 of the Original Government Contract shall be modified as follows: References to the City of Sanford's "Standard Contractual Terms and Conditions," shall be stricken. The City of Winter Springs shall not, under this Agreement, be bound by the City of Sanford's Standard Contractual Terms and Conditions.

j. Miscellaneous. The following provisions are hereby added to or modified from the Original Government Contract. To the extent the terms and conditions below may conflict with terms and conditions contained in Exhibit "A" the terms and conditions as set forth below shall control.

i. Notices to the City shall be delivered to:

City Manager
City of Winter Springs, Florida
1126 East State Road 434
Winter Springs, FL 32708

Any Notice given as provided herein shall be deemed received as follows: if delivered by personal service, on the date so delivered; if delivered to an overnight courier service, on the business day immediately following delivery to such service; and if mailed, on the third business day after mailing.

ii. The City intends to avail itself of the benefits of Section 768.28, Florida Statutes and any other statutes and common law governing sovereign immunity to the fullest extent possible. Neither this provision nor any other provision of this Agreement shall be construed as a waiver of the City's right to sovereign immunity under Section 768.28, Florida Statutes, or other limitations imposed on the City's potential liability under state or federal law. Contractor agrees that City shall not be liable under this Agreement for punitive damages or interest for the period before judgment. Further, City shall not be liable for any claim or judgment, or portion thereof, to any one person for over two hundred thousand dollars ($200,000.00), or any claim or judgment, or portion thereof, which, when totaled with all other claims or judgments paid by the State or its agencies and subdivisions arising out of the same incident or occurrence, exceeds three hundred thousand dollars ($300,000.00). Nothing in this Agreement is intended to inure to the benefit of any third party for the purpose of allowing any claim which would otherwise be barred under the doctrine of sovereign immunity or by operation of law. This paragraph shall survive termination of this Agreement.

iii. Should either party bring an action to enforce any of the terms of this Agreement, each party shall bear its own costs and expenses of such action including, but not limited to, reasonable attorney's fees, whether at settlement, trial or on appeal.

iv. The parties agree that should any dispute arise between them regarding the terms or performance of this Agreement, both parties will participate in mediation. The parties agree to equally share the cost of the mediator. Should the parties fail to resolve their differences through mediation, any cause of action filed hereunder shall be filed in the Circuit or County Court for Seminole County, Florida.

v. Any delay or failure of either party in the performance of its required obligations hereunder shall be excused if and to the extent caused by acts of God, fire, flood, windstorm, explosion, riot, war, sabotage, strike (except involving Contractor's labor force), extraordinary breakdown of or damage to City's facilities, court injunction or order, federal and/or state law and/or regulation, or order by any other regulatory agency, provided that the prompt notice of such delay is given by such party to the other and each of the parties hereto shall be diligent in attempting to remove such cause or causes. If any circumstance of Force Majeure remains in effect for sixty (60) days or longer, either party may terminate this Agreement. Monetary damages will not be awarded to Contractor in the event of Force Majeure.

vi. The Contractor shall seek prior written approval from the City for any necessary lane closure requests before closing, blocking, or barricading any lanes of traffic on roadways within the City.

vii. In addition to any indemnity obligation required in the Original Government Contract and for purposes of Contractor's indemnification obligation only, Contractor shall indemnify the City for claims made by the employees of Contractor against the City, and Contractor hereby waives its entitlement, if any, to immunity under Section 440.11, Florida Statutes. This waiver has been specifically and mutually negotiated by the parties.

viii. Delivery shall be made to the Winter Springs Police Department, located at 300 N. Moss Road, Winter Springs, Florida 32708, between the hours of 8:00 a.m. and 5:00 p.m. Monday through Friday. Contractor shall coordinate the delivery of all products and services in a timely manner.

IN WITNESS WHEREOF, authorized representatives of the CITY and the CONTRACTOR have executed this Piggyback Rider to the Original Government Contract on the date below noted.

CITY:

Brian Dunigan, Interim City Manager

Date: 12/05/2024

ATTEST:

Christian Gowan, City Clerk

CITY OF WINTER SPRINGS INCORPORATED 1959 SEMINOLE COUNTY, FLORIDA

LIGHTS N MORE INSTALLATIONS, LLC.

Print Name: Crysty l Mallozzi

Print Title: Office Manager

Date: 12/05/2024

EXHIBIT A

ORIGINAL GOVERNMENT CONTRACT

ALAN JAY FLEET SALES

Sourcewell Formerly NJPA

Awarded Contract

Call Us first, for all of your Fleet Automotive, & Light Truck needs.

PHONE (800) ALANJAY (252-6529)		DIRECT 863-402-4234	WWW.ALANJAY.COM		Quote 65365-1
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 863-273-1105 FAX 863-402-4221	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200	

ORIGINAL QUOTE DATE 8/7/2025

QUICK QUOTE SHEET

REVISED QUOTE DATE 8/7/2025

REQUESTING AGENCY **WINTER SPRINGS POLICE DEPARTMENT**

CONTACT PERSON **MATT TRACHT** EMAIL mtracht@winterspringsfl.org

PHONE **407-327-7997** MOBILE FAX

SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF www.NationalAutoFleetGroup.com

MODEL K8A 500A MSRP $48,780.00

2025 FORD POLICE INTERCEPTOR UTILITY AWD (99B 44U)

CUSTOMER ID

BED LENGTH

CONTRACT PRICE $45,645.00

*** All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.*

FACTORY OPTIONS	DESCRIPTION	
YZ	Oxford White	$0.00
9W	Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear	$0.00
99B	Engine: 3.3L V6 Direct-Injection	$0.00
44U	Transmission: 10-Speed Automatic (44U)	$0.00
18D	Global Lock/Unlock Feature	$0.00
500A	Order Code 500A	$0.00
51R	Driver Only LED Bulb Spot Lamp (Unity)	$395.00
68G	Rear-Door Controls Inoperable	$75.00
87M	8" Rear Camera Image	$0.00
___	3.73 Axle Ratio	$0.00
___	Fleet Advertising Credit	$0.00
153	OPTIONS Front License Plate Bracket	$0.00
	FACTORY OPTIONS	**$470.00**

CONTRACT OPTIONS	DESCRIPTION	
EWD	EXTENDED WARRANTY DECLINED	$0.00
NO-TEMP	TEMP TAG NOT REQUESTED, CUSTOMER WILL HANDLE THEIR OWN TAG WORK.	$0.00
	CONTRACT OPTIONS	**$0.00**

TRADE IN

TOTAL COST $46,115.00

YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~

TOTAL COST LESS TRADE IN(S) QTY 5 $230,575.00

Estimated Annual payments for 60 months paid in advance: $10,602.79 Extended: $53,013.96

Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments ORDERED UNIT VIN: [VIN NA]

VEHICLE QUOTED BY **ASHLEE WILSON** GOVERNMENT ACCOUNT MANAGER Ashlee.Wilson@AlanJay.com

"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.

ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (✓ Complete)

Window Sticker

SUMMARY

[Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD — MSRP:$49,515.00

Interior:Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear

Exterior 1:Oxford White

Exterior 2:No color has been selected.

Engine: 3.3L V6 Direct-Injection

Transmission: 10-Speed Automatic (44U)

OPTIONS

CODE	MODEL	MSRP
K8A	[Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD	$49,515.00
	OPTIONS	
153	Front License Plate Bracket	$0.00
18D	Global Lock/Unlock Feature	$0.00
44U	Transmission: 10-Speed Automatic (44U)	$0.00
500A	Order Code 500A	$0.00
51R	Driver Only LED Bulb Spot Lamp (Unity)	$400.00
68G	Rear-Door Controls Inoperable	$80.00
87M	8" Rear Camera Image	$0.00
99B	Engine: 3.3L V6 Direct-Injection	($2,330.00)
9W	Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear	$0.00
YZ	Oxford White	$0.00
___	3.73 Axle Ratio	$0.00
___	Fleet Advertising Credit	$0.00
	SUBTOTAL	**$47,665.00**
	Adjustments Total	$0.00
	Destination Charge	$1,595.00
	TOTAL PRICE	**$49,260.00**

FUEL ECONOMY

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Est City:N/A

Est Highway:N/A

Est Highway Cruising Range:N/A

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Standard Equipment

Mechanical	
	Engine: 3.3L V6 Direct-Injection Hybrid System -inc: (136-MPH top speed) (STD)
	Transmission: 10-Speed Automatic (STD)
	3.73 Axle Ratio (STD)
	50-State Emissions System Flexible Fuel Vehicle (FFV) system is standard equipment for vehicles equipped with the 3.3L V6 Direct-Injection engine.
	Transmission w/Driver Selectable Mode and Oil Cooler
	Automatic Full-Time All-Wheel
	Engine Oil Cooler
	92-Amp/Hr 850CCA Maintenance-Free Battery
	Hybrid Electric Motor 220 Amp Alternator
	Class III Towing Equipment -inc: Hitch
	Trailer Wiring Harness
	Police/Fire
	1670# Maximum Payload
	GVWR: 6,840 lbs (3,103 kgs)
	Gas-Pressurized Shock Absorbers
	Front And Rear Anti-Roll Bars
	Electric Power-Assist Steering
	19 Gal. Fuel Tank
	Dual Stainless Steel Exhaust
	Permanent Locking Hubs
	Strut Front Suspension w/Coil Springs
	Multi-Link Rear Suspension w/Coil Springs
	Regenerative 4-Wheel Disc Brakes w/4-Wheel ABS, Front And Rear Vented Discs, Brake Assist and Hill Hold Control
	Lithium Ion (li-Ion) Traction Battery 1.5 kWh Capacity
Exterior	
	Wheels: 18" x 8" 5-Spoke Painted Black Steel -inc: polished stainless steel hub cover and center caps
	Tires: 255/60R18 AS BSW

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Exterior	
	Steel Spare Wheel
	Full-Size Spare Tire Mounted Inside Under Cargo
	Non-Metallic Paint
	Body-Colored Front Bumper w/Black Rub Strip/Fascia Accent and 1 Tow Hook
	Body-Colored Rear Bumper w/Black Rub Strip/Fascia Accent
	Body-Colored Bodyside Cladding and Black Wheel Well Trim
	Black Side Windows Trim and Black Front Windshield Trim
	Black Door Handles
	Black Power Side Mirrors w/Convex Spotter and Manual Folding
	Fixed Rear Window w/Yes Wiper, Heated Wiper Park and Defroster
	Deep Tinted Glass
	Speed Sensitive Variable Intermittent Wipers
	Galvanized Steel/Aluminum Panels
	Lip Spoiler
	Black Grille
	Liftgate Rear Cargo Access
	Tailgate/Rear Door Lock Included w/Power Door Locks
	Auto On/Off Projector Beam Led Low/High Beam Headlamps
	LED Brakelights
Entertainment	
	Radio w/Seek-Scan and Speed Compensated Volume Control
	Radio: AM/FM/MP3 Capable -inc: 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port and 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).
	SYNC Phoenix Communication & Entertainment System -inc: hands-free voice command support compatible w/most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack
	Integrated Roof Antenna
	1 LCD Monitor In The Front

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Interior	
	8-Way Driver Seat
	Passenger Seat
	35-30-35 Folding Split-Bench Front Facing Fold Forward Seatback Rear Seat
	Manual Tilt/Telescoping Steering Column
	Gauges -inc: Speedometer, Odometer, Engine Coolant Temp, Tachometer, Engine Hour Meter, Traction Battery Level, Trip Odometer and Trip Computer
	Power Rear Windows and Fixed 3rd Row Windows
	Remote Keyless Entry
	Remote Releases -Inc: Power Cargo Access
	Cruise Control w/Steering Wheel Controls
	Dual Zone Front Automatic Air Conditioning
	Rear HVAC
	HVAC -inc: Underseat Ducts
	Locking Glove Box
	Driver Foot Rest
	Unique HD Cloth Front Bucket Seats w/Vinyl Rear -inc: reduced bolsters, 6-way power track driver seat (fore/aft, up/down, tilt w/manual recline, 2-way manual lumbar), 8-way power track passenger seat w/2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks
	Interior Trim -inc: Metal-Look Instrument Panel Insert, Metal-Look Door Panel Insert and Metal-Look Interior Accents
	Full Cloth Headliner
	Urethane Gear Shifter Material
	Day-Night Rearview Mirror
	Driver And Passenger Visor Vanity Mirrors
	Mini Overhead Console w/Storage and 2 12V DC Power Outlets
	Front And Rear Map Lights
	Fade-To-Off Interior Lighting
	Full Vinyl/Rubber Floor Covering
	Carpet Floor Trim
	Cargo Features -inc: Cargo Tray/Organizer
	Cargo Space Lights

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Interior	
	Fleet Telematics Modem Tracker System
	Dashboard Storage, Driver And Passenger Door Bins
	Power 1st Row Windows w/Driver And Passenger 1-Touch Up/Down
	Delayed Accessory Power
	Power Door Locks
	Driver Information Center
	Redundant Digital Speedometer
	Trip Computer
	Digital/Analog Appearance
	Seats w/Vinyl Back Material
	Manual Adjustable Front Head Restraints and Manual Adjustable Rear Head Restraints
	Perimeter Alarm
	2 12V DC Power Outlets
	Air Filtration
Safety-Mechanical	
	Electronic Stability Control (ESC) And Roll Stability Control (RSC)
	ABS And Driveline Traction Control
Safety-Exterior	
	Side Impact Beams
Safety-Interior	
	Dual Stage Driver And Passenger Seat-Mounted Side Airbags
	Reverse Sensing System Rear Parking Sensors
	BLIS (Blind Spot Information System) Blind Spot
	Pre-Collision Assist with Pedestrian Detection
	Rear Cross-Traffic Braking
	Collision Mitigation-Front
	Tire Specific Low Tire Pressure Warning
	Dual Stage Driver And Passenger Front Airbags
	Curtain 1st And 2nd Row Airbags

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Safety-Interior	
	Airbag Occupancy Sensor
	Passenger Knee Airbag
	Rear Child Safety Locks
	Outboard Front Lap And Shoulder Safety Belts -inc: Rear Center 3 Point, Height Adjusters and Pretensioners
	Back-Up Camera w/Washer

WARRANTY	
	Basic Years: 3
	Basic Miles/km: 36,000
	Drivetrain Years: 5
	Drivetrain Miles/km: 100,000
	Corrosion Years: 5
	Corrosion Miles/km: Unlimited
	Hybrid/Electric Components Years: 8
	Hybrid/Electric Components Miles/km: 100,000
	Roadside Assistance Years: 5
	Roadside Assistance Miles/km: 60,000

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ALAN JAY FLEET SALES

Contract Number:	2025 091521-NAF & 032824-NAF
Quote ID:	65365
Agency:	WINTER SPRINGS POLICE DEPARTMENT
Date:	8/7/2025

Thank you from the Alan Jay Fleet Team for the opportunity to provide this quotation for (5) 2025 FORD POLICE INTERCEPTOR UTILITY AWD (99B 44U), please review carefully and contact us with any errors or changes.

MSRP:		$48,780.00
Base Price:		$45,645.00
Factory Options:		$470.00
Aftermarket Options:		$0.00
Vehicle Price:		$46,115.00
Purchase Total:	Qty (5)	$230,575.00

Per attached vehicle specifications.

This quotation is valid as long as the manufacturer is accepting orders for the model year specified. Purchase orders received after factory order cutoff may not be honorable. The vehicle(s) offered on this quotation will be ordered in the color(s) listed. Please contact your Alan Jay sales representative with any questions you have on this quote.

Quoted By: ASHLEE WILSON / 863-273-1105 / Ashlee.Wilson@AlanJay.com

National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076

(855) 289-6572 • (831) 480-8497 Fax

Fleet@NationalAutoFleetGroup.com

National Auto Fleet Group Contract #032824-NAF pricing utilities a percentage off MSRP/LIST. National Auto Fleet Group offers pricing discounts ranging from 1.16% through 38.46% across 15 Manufacturers depending on the model. All vehicles can come with or without up-fitting from our national supplier or a member's local up fitter. Inquire within.

Pricing can be obtained using two methods:

1. Online quoting process using www.NationalAutoFleetGroup.com. Once the Sourcewell Member registers on the NAFG website, they then can build the desired vehicle to their specifications. The member then builds the vehicle and obtains an online quote for that specific vehicle
   *Sourcewell pricing is built right into the NAFG site
2. The Sourcewell member can also reach out to National Auto Fleet Group directly at (1-855-289-6572) to have an associate help guide your agency with the appropriate vehicles to fit your need.

Jesse Cooper

National Auto Fleet Group

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Sourcewell

Solicitation Number: RFP #032824

CONTRACT

This Contract is between Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 (Sourcewell) and 72 Hour LLC, dba National Auto Fleet Group, 490 Auto Center Drive, Watsonville, CA 95076 (Supplier).

Sourcewell is a State of Minnesota local government unit and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to eligible federal, state/province, and municipal governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada. Sourcewell issued a public solicitation for Class 4-8 Chassis and Cabs with Related Equipment, Accessories, and Services from which Supplier was awarded a contract.

Supplier desires to contract with Sourcewell to provide equipment, products, or services to Sourcewell and the entities that access Sourcewell's cooperative purchasing contracts (Participating Entities).

1. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract is effective upon the date of the final signature below.

EXPIRATION DATE AND EXTENSION. This Contract expires July 9, 2028, unless it is cancelled sooner pursuant to Article 22. This Contract allows up to three additional one-year extensions upon the request of Sourcewell and written agreement by Supplier. Sourcewell retains the right to consider additional extensions beyond seven years as required under exceptional circumstances.

B. SURVIVAL OF TERMS. Notwithstanding any expiration or termination of this Contract, all payment obligations incurred prior to expiration or termination will survive, as will the following: Articles 11 through 14 survive the expiration or cancellation of this Contract. All other rights will cease upon expiration or termination of this Contract.

2. EQUIPMENT, PRODUCTS, OR SERVICES

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A. EQUIPMENT, PRODUCTS, OR SERVICES. Supplier will provide the Equipment, Products, or Services as stated in its Proposal submitted under the Solicitation Number listed above. Supplier's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract.

All Equipment and Products provided under this Contract must be new and the current model. Supplier may offer close-out or refurbished Equipment or Products if they are clearly indicated in Supplier's product and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

This Contract offers an indefinite quantity of sales, and while substantial volume is anticipated, sales and sales volume are not guaranteed.

B. WARRANTY. Supplier warrants that all Equipment, Products, and Services furnished are free from liens and encumbrances, and are free from defects in design, materials, and workmanship. In addition, Supplier warrants the Equipment, Products, and Services are suitable for and will perform in accordance with the ordinary use for which they are intended. Supplier's dealers and distributors must agree to assist the Participating Entity in reaching a resolution in any dispute over warranty terms with the manufacturer. Any manufacturer's warranty that extends beyond the expiration of the Supplier's warranty will be passed on to the Participating Entity.

C. DEALERS, DISTRIBUTORS, AND/OR RESELLERS. Upon Contract execution and throughout the Contract term, Supplier must provide to Sourcewell a current means to validate or authenticate Supplier's authorized dealers, distributors, or resellers relative to the Equipment, Products, and Services offered under this Contract, which will be incorporated into this Contract by reference. It is the Supplier's responsibility to ensure Sourcewell receives the most current information.

3. PRICING

All Equipment, Products, or Services under this Contract will be priced at or below the price stated in Supplier's Proposal.

When providing pricing quotes to Participating Entities, all pricing quoted must reflect a Participating Entity's total cost of acquisition. This means that the quoted cost is for delivered Equipment, Products, and Services that are operational for their intended purpose, and includes all costs to the Participating Entity's requested delivery location.

Regardless of the payment method chosen by the Participating Entity, the total cost associated with any purchase option of the Equipment, Products, or Services must always be disclosed in the pricing quote to the applicable Participating Entity at the time of purchase.

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A. SHIPPING AND SHIPPING COSTS. All delivered Equipment and Products must be properly packaged. Damaged Equipment and Products may be rejected. If the damage is not readily apparent at the time of delivery, Supplier must permit the Equipment and Products to be returned within a reasonable time at no cost to Sourcewell or its Participating Entities. Participating Entities reserve the right to inspect the Equipment and Products at a reasonable time after delivery where circumstances or conditions prevent effective inspection of the Equipment and Products at the time of delivery. In the event of the delivery of nonconforming Equipment and Products, the Participating Entity will notify the Supplier as soon as possible and the Supplier will replace nonconforming Equipment and Products with conforming Equipment and Products that are acceptable to the Participating Entity.

Supplier must arrange for and pay for the return shipment on Equipment and Products that arrive in a defective or inoperable condition.

Sourcewell may declare the Supplier in breach of this Contract if the Supplier intentionally delivers substandard or inferior Equipment or Products.

B. SALES TAX. Each Participating Entity is responsible for supplying the Supplier with valid tax-exemption certification(s). When ordering, a Participating Entity must indicate if it is a tax-exempt entity.

C. HOT LIST PRICING. At any time during this Contract, Supplier may offer a specific selection of Equipment, Products, or Services at discounts greater than those listed in the Contract. When Supplier determines it will offer Hot List Pricing, it must be submitted electronically to Sourcewell in a line-item format. Equipment, Products, or Services may be added or removed from the Hot List at any time through a Sourcewell Price and Product Change Form as defined in Article 4 below.

Hot List program and pricing may also be used to discount and liquidate close-out and discontinued Equipment and Products as long as those close-out and discontinued items are clearly identified as such. Current ordering process and administrative fees apply. Hot List Pricing must be published and made available to all Participating Entities.

4. PRODUCT AND PRICING CHANGE REQUESTS

Supplier may request Equipment, Product, or Service changes, additions, or deletions at any time. All requests must be made in writing by submitting a signed Sourcewell Price and Product Change Request Form to the assigned Sourcewell Supplier Development Administrator. This approved form is available from the assigned Sourcewell Supplier Development Administrator. At a minimum, the request must:

- Identify the applicable Sourcewell contract number;

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- Clearly specify the requested change;
- Provide sufficient detail to justify the requested change;
- Individually list all Equipment, Products, or Services affected by the requested change, along with the requested change (e.g., addition, deletion, price change); and
- Include a complete restatement of pricing documentation in Microsoft Excel with the effective date of the modified pricing, or product addition or deletion. The new pricing restatement must include all Equipment, Products, and Services offered, even for those items where pricing remains unchanged.

A fully executed Sourcewell Price and Product Change Request Form will become an amendment to this Contract and will be incorporated by reference.

5. PARTICIPATION, CONTRACT ACCESS, AND PARTICIPATING ENTITY REQUIREMENTS

A. PARTICIPATION. Sourcewell's cooperative contracts are available and open to public and nonprofit entities across the United States and Canada; such as federal, state/province, municipal, K-12 and higher education, tribal government, and other public entities.

The benefits of this Contract should be available to all Participating Entities that can legally access the Equipment, Products, or Services under this Contract. A Participating Entity's authority to access this Contract is determined through its cooperative purchasing, interlocal, or joint powers laws. Any entity accessing benefits of this Contract will be considered a Service Member of Sourcewell during such time of access. Supplier understands that a Participating Entity's use of this Contract is at the Participating Entity's sole convenience and Participating Entities reserve the right to obtain like Equipment, Products, or Services from any other source.

Supplier is responsible for familiarizing its sales and service forces with Sourcewell contract use eligibility requirements and documentation and will encourage potential participating entities to join Sourcewell. Sourcewell reserves the right to add and remove Participating Entities to its roster during the term of this Contract.

B. PUBLIC FACILITIES. Supplier's employees may be required to perform work at government-owned facilities, including schools. Supplier's employees and agents must conduct themselves in a professional manner while on the premises, and in accordance with Participating Entity policies and procedures, and all applicable laws.

6. PARTICIPATING ENTITY USE AND PURCHASING

A. ORDERS AND PAYMENT. To access the contracted Equipment, Products, or Services under this Contract, a Participating Entity must clearly indicate to Supplier that it intends to access this Contract; however, order flow and procedure will be developed jointly between Sourcewell and Supplier. Typically, a Participating Entity will issue an order directly to Supplier or its authorized

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subsidiary, distributor, dealer, or reseller. If a Participating Entity issues a purchase order, it may use its own forms, but the purchase order should clearly note the applicable Sourcewell contract number. All Participating Entity orders under this Contract must be issued prior to expiration or cancellation of this Contract; however, Supplier performance, Participating Entity payment obligations, and any applicable warranty periods or other Supplier or Participating Entity obligations may extend beyond the term of this Contract.

Supplier's acceptable forms of payment are included in its attached Proposal. Participating Entities will be solely responsible for payment and Sourcewell will have no liability for any unpaid invoice of any Participating Entity.

B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Supplier, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entities may require the use of a Participating Addendum, the terms of which will be negotiated directly between the Participating Entity and the Supplier or its authorized dealers, distributors, or resellers, as applicable. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

C. SPECIALIZED SERVICE REQUIREMENTS. In the event that the Participating Entity requires service or specialized performance requirements not addressed in this Contract (such as e-commerce specifications, specialized delivery requirements, or other specifications and requirements), the Participating Entity and the Supplier may enter into a separate, standalone agreement, apart from this Contract. Sourcewell, including its agents and employees, will not be made a party to a claim for breach of such agreement.

D. TERMINATION OF ORDERS. Participating Entities may terminate an order, in whole or in part, immediately upon notice to Supplier in the event of any of the following events:

1. The Participating Entity fails to receive funding or appropriation from its governing body at levels sufficient to pay for the equipment, products, or services to be purchased; or
2. Federal, state, or provincial laws or regulations prohibit the purchase or change the Participating Entity's requirements.

E. GOVERNING LAW AND VENUE. The governing law and venue for any action related to a Participating Entity's order will be determined by the Participating Entity making the purchase.

7. CUSTOMER SERVICE

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A. PRIMARY ACCOUNT REPRESENTATIVE. Supplier will assign an Account Representative to Sourcewell for this Contract and must provide prompt notice to Sourcewell if that person is changed. The Account Representative will be responsible for:

- Maintenance and management of this Contract;
- Timely response to all Sourcewell and Participating Entity inquiries; and
- Business reviews to Sourcewell and Participating Entities, if applicable.

B. BUSINESS REVIEWS. Supplier must perform a minimum of one business review with Sourcewell per contract year. The business review will cover sales to Participating Entities, pricing and contract terms, administrative fees, sales data reports, performance issues, supply issues, customer issues, and any other necessary information.

8. REPORT ON CONTRACT SALES ACTIVITY AND ADMINISTRATIVE FEE PAYMENT

A. CONTRACT SALES ACTIVITY REPORT. Each calendar quarter, Supplier must provide a contract sales activity report (Report) to the Sourcewell Supplier Development Administrator assigned to this Contract. Reports are due no later than 45 days after the end of each calendar quarter. A Report must be provided regardless of the number or amount of sales during that quarter (i.e., if there are no sales, Supplier must submit a report indicating no sales were made).

The Report must contain the following fields:

- Participating Entity Name (e.g., City of Staples Highway Department);
- Participating Entity Physical Street Address;
- Participating Entity City;
- Participating Entity State/Province;
- Participating Entity Zip/Postal Code;
- Participating Entity Contact Name;
- Participating Entity Contact Email Address;
- Participating Entity Contact Telephone Number;
- Sourcewell Assigned Entity/Participating Entity Number;
- Item Purchased Description;
- Item Purchased Price;
- Sourcewell Administrative Fee Applied; and
- Date Purchase was invoiced/sale was recognized as revenue by Supplier.

B. ADMINISTRATIVE FEE. In consideration for the support and services provided by Sourcewell, the Supplier will pay an administrative fee to Sourcewell on all Equipment, Products, and Services provided to Participating Entities. The Administrative Fee must be included in, and not added to, the pricing. Supplier may not charge Participating Entities more than the contracted

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price to offset the Administrative Fee.

The Supplier will submit payment to Sourcewell for the percentage of administrative fee stated in the Proposal multiplied by the total sales of all Equipment, Products, and Services purchased by Participating Entities under this Contract during each calendar quarter. Payments should note the Supplier's name and Sourcewell-assigned contract number in the memo; and must be mailed to the address above "Attn: Accounts Receivable" or remitted electronically to Sourcewell's banking institution per Sourcewell's Finance department instructions. Payments must be received no later than 45 calendar days after the end of each calendar quarter.

Supplier agrees to cooperate with Sourcewell in auditing transactions under this Contract to ensure that the administrative fee is paid on all items purchased under this Contract.

In the event the Supplier is delinquent in any undisputed administrative fees, Sourcewell reserves the right to cancel this Contract and reject any proposal submitted by the Supplier in any subsequent solicitation. In the event this Contract is cancelled by either party prior to the Contract's expiration date, the administrative fee payment will be due no more than 30 days from the cancellation date.

9. AUTHORIZED REPRESENTATIVE

Sourcewell's Authorized Representative is its Chief Procurement Officer.

Supplier's Authorized Representative is the person named in the Supplier's Proposal. If Supplier's Authorized Representative changes at any time during this Contract, Supplier must promptly notify Sourcewell in writing.

10. AUDIT, ASSIGNMENT, AMENDMENTS, WAIVER, AND CONTRACT COMPLETE

A. AUDIT. Pursuant to Minnesota Statutes Section 16C.05, subdivision 5, the books, records, documents, and accounting procedures and practices relevant to this Contract are subject to examination by Sourcewell or the Minnesota State Auditor for a minimum of six years from the end of this Contract. This clause extends to Participating Entities as it relates to business conducted by that Participating Entity under this Contract.

B. ASSIGNMENT. Neither party may assign or otherwise transfer its rights or obligations under this Contract without the prior written consent of the other party and a fully executed assignment agreement. Such consent will not be unreasonably withheld. Any prohibited assignment will be invalid.

C. AMENDMENTS. Any amendment to this Contract must be in writing and will not be effective until it has been duly executed by the parties.

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D. WAIVER. Failure by either party to take action or assert any right under this Contract will not be deemed a waiver of such right in the event of the continuation or repetition of the circumstances giving rise to such right. Any such waiver must be in writing and signed by the parties.

E. CONTRACT COMPLETE. This Contract represents the complete agreement between the parties. No other understanding regarding this Contract, whether written or oral, may be used to bind either party. For any conflict between the attached Proposal and the terms set out in Articles 1-22 of this Contract, the terms of Articles 1-22 will govern.

F. RELATIONSHIP OF THE PARTIES. The relationship of the parties is one of independent contractors, each free to exercise judgment and discretion with regard to the conduct of their respective businesses. This Contract does not create a partnership, joint venture, or any other relationship such as master-servant, or principal-agent.

11. INDEMNITY AND HOLD HARMLESS

Supplier must indemnify, defend, save, and hold Sourcewell and its Participating Entities, including their agents and employees, harmless from any claims or causes of action, including attorneys' fees incurred by Sourcewell or its Participating Entities, arising out of any act or omission in the performance of this Contract by the Supplier or its agents or employees; this indemnification includes injury or death to person(s) or property alleged to have been caused by some defect in the Equipment, Products, or Services under this Contract to the extent the Equipment, Product, or Service has been used according to its specifications. Sourcewell's responsibility will be governed by the State of Minnesota's Tort Liability Act (Minnesota Statutes Chapter 466) and other applicable law.

12. GOVERNMENT DATA PRACTICES

Supplier and Sourcewell must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by or provided to Sourcewell under this Contract and as it applies to all data created, collected, received, maintained, or disseminated by the Supplier under this Contract.

13. INTELLECTUAL PROPERTY, PUBLICITY, MARKETING, AND ENDORSEMENT

A. INTELLECTUAL PROPERTY

1. *Grant of License.* During the term of this Contract:

    a. Sourcewell grants to Supplier a royalty-free, worldwide, non-exclusive right and license to use the trademark(s) provided to Supplier by Sourcewell in advertising and promotional materials for the purpose of marketing Sourcewell's relationship with Supplier.

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b. Supplier grants to Sourcewell a royalty-free, worldwide, non-exclusive right and license to use Supplier's trademarks in advertising and promotional materials for the purpose of marketing Supplier's relationship with Sourcewell.

2. *Limited Right of Sublicense*. The right and license granted herein includes a limited right of each party to grant sublicenses to their respective subsidiaries, distributors, dealers, resellers, marketing representatives, and agents (collectively "Permitted Sublicensees") in advertising and promotional materials for the purpose of marketing the Parties' relationship to Participating Entities. Any sublicense granted will be subject to the terms and conditions of this Article. Each party will be responsible for any breach of this Article by any of their respective sublicensees.

3. *Use; Quality Control.*

a. Neither party may alter the other party's trademarks from the form provided and must comply with removal requests as to specific uses of its trademarks or logos.

b. Each party agrees to use, and to cause its Permitted Sublicensees to use, the other party's trademarks only in good faith and in a dignified manner consistent with such party's use of the trademarks. Upon written notice to the breaching party, the breaching party has 30 days of the date of the written notice to cure the breach or the license will be terminated.

4. *Termination*. Upon the termination of this Contract for any reason, each party, including Permitted Sublicensees, will have 30 days to remove all Trademarks from signage, websites, and the like bearing the other party's name or logo (excepting Sourcewell's pre-printed catalog of suppliers which may be used until the next printing). Supplier must return all marketing and promotional materials, including signage, provided by Sourcewell, or dispose of it according to Sourcewell's written directions.

B. PUBLICITY. Any publicity regarding the subject matter of this Contract must not be released without prior written approval from the Authorized Representatives. Publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Supplier individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

C. MARKETING. Any direct advertising, marketing, or offers with Participating Entities must be approved by Sourcewell. Send all approval requests to the Sourcewell Supplier Development Administrator assigned to this Contract.

D. ENDORSEMENT. The Supplier must not claim that Sourcewell endorses its Equipment, Products, or Services.

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14. GOVERNING LAW, JURISDICTION, AND VENUE

The substantive and procedural laws of the State of Minnesota will govern this Contract. Venue for all legal proceedings arising out of this Contract, or its breach, must be in the appropriate state court in Todd County, Minnesota or federal court in Fergus Falls, Minnesota.

15. FORCE MAJEURE

Neither party to this Contract will be held responsible for delay or default caused by acts of God or other conditions that are beyond that party's reasonable control. A party defaulting under this provision must provide the other party prompt written notice of the default.

16. SEVERABILITY

If any provision of this Contract is found by a court of competent jurisdiction to be illegal, unenforceable, or void then both parties will be relieved from all obligations arising from that provision. If the remainder of this Contract is capable of being performed, it will not be affected by such determination or finding and must be fully performed.

17. PERFORMANCE, DEFAULT, AND REMEDIES

A. PERFORMANCE. During the term of this Contract, the parties will monitor performance and address unresolved contract issues as follows:

1. *Notification.* The parties must promptly notify each other of any known dispute and work in good faith to resolve such dispute within a reasonable period of time. If necessary, Sourcewell and the Supplier will jointly develop a short briefing document that describes the issue(s), relevant impact, and positions of both parties.
2. *Escalation.* If parties are unable to resolve the issue in a timely manner, as specified above, either Sourcewell or Supplier may escalate the resolution of the issue to a higher level of management. The Supplier will have 30 calendar days to cure an outstanding issue.
3. *Performance while Dispute is Pending*. Notwithstanding the existence of a dispute, the Supplier must continue without delay to carry out all of its responsibilities under the Contract that are not affected by the dispute. If the Supplier fails to continue without delay to perform its responsibilities under the Contract, in the accomplishment of all undisputed work, the Supplier will bear any additional costs incurred by Sourcewell and/or its Participating Entities as a result of such failure to proceed.

B. DEFAULT AND REMEDIES. Either of the following constitutes cause to declare this Contract, or any Participating Entity order under this Contract, in default:

1. Nonperformance of contractual requirements, or
2. A material breach of any term or condition of this Contract.

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The party claiming default must provide written notice of the default, with 30 calendar days to cure the default. Time allowed for cure will not diminish or eliminate any liability for liquidated or other damages. If the default remains after the opportunity for cure, the non-defaulting party may:

- Exercise any remedy provided by law or equity, or
- Terminate the Contract or any portion thereof, including any orders issued against the Contract.

18. INSURANCE

A. REQUIREMENTS. At its own expense, Supplier must maintain insurance policy(ies) in effect at all times during the performance of this Contract with insurance company(ies) licensed or authorized to do business in the State of Minnesota having an "AM BEST" rating of A- or better, with coverage and limits of insurance not less than the following:

1. *Workers' Compensation and Employer's Liability.*
Workers' Compensation: As required by any applicable law or regulation.
Employer's Liability Insurance: must be provided in amounts not less than listed below:
Minimum limits:
$500,000 each accident for bodily injury by accident
$500,000 policy limit for bodily injury by disease
$500,000 each employee for bodily injury by disease

2. *Commercial General Liability Insurance.* Supplier will maintain insurance covering its operations, with coverage on an occurrence basis, and must be subject to terms no less broad than the Insurance Services Office ("ISO") Commercial General Liability Form CG0001 (2001 or newer edition), or equivalent. At a minimum, coverage must include liability arising from premises, operations, bodily injury and property damage, independent contractors, products-completed operations including construction defect, contractual liability, blanket contractual liability, and personal injury and advertising injury. All required limits, terms and conditions of coverage must be maintained during the term of this Contract.
Minimum Limits:
$1,000,000 each occurrence Bodily Injury and Property Damage
$1,000,000 Personal and Advertising Injury
$2,000,000 aggregate for products liability-completed operations
$2,000,000 general aggregate

3. *Commercial Automobile Liability Insurance.* During the term of this Contract, Supplier will maintain insurance covering all owned, hired, and non-owned automobiles in limits of liability not less than indicated below. The coverage must be subject to terms

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no less broad than ISO Business Auto Coverage Form CA 0001 (2010 edition or newer), or equivalent.

Minimum Limits:
$1,000,000 each accident, combined single limit

4. *Umbrella Insurance*. During the term of this Contract, Supplier will maintain umbrella coverage over Employer's Liability, Commercial General Liability, and Commercial Automobile.

Minimum Limits:
$2,000,000

5. *Professional/Technical, Errors and Omissions, and/or Miscellaneous Professional Liability*. During the term of this Contract, Supplier will maintain coverage for all claims the Supplier may become legally obligated to pay resulting from any actual or alleged negligent act, error, or omission related to Supplier's professional services required under this Contract.

Minimum Limits:
$2,000,000 per claim or event
$2,000,000 – annual aggregate

6. *Network Security and Privacy Liability Insurance*. During the term of this Contract, Supplier will maintain coverage for network security and privacy liability. The coverage may be endorsed on another form of liability coverage or written on a standalone policy. The insurance must cover claims which may arise from failure of Supplier's security resulting in, but not limited to, computer attacks, unauthorized access, disclosure of not public data – including but not limited to, confidential or private information, transmission of a computer virus, or denial of service.

Minimum limits:
$2,000,000 per occurrence
$2,000,000 annual aggregate

Failure of Supplier to maintain the required insurance will constitute a material breach entitling Sourcewell to immediately terminate this Contract for default.

B. CERTIFICATES OF INSURANCE. Prior to commencing under this Contract, Supplier must furnish to Sourcewell a certificate of insurance, as evidence of the insurance required under this Contract. Prior to expiration of the policy(ies), renewal certificates must be mailed to Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 or sent to the Sourcewell Supplier Development Administrator assigned to this Contract. The certificates must be signed by a person authorized by the insurer(s) to bind coverage on their behalf.

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Failure to request certificates of insurance by Sourcewell, or failure of Supplier to provide certificates of insurance, in no way limits or relieves Supplier of its duties and responsibilities in this Contract.

C. ADDITIONAL INSURED ENDORSEMENT AND PRIMARY AND NON-CONTRIBUTORY INSURANCE CLAUSE. Supplier agrees to list Sourcewell and its Participating Entities, including their officers, agents, and employees, as an additional insured under the Supplier's commercial general liability insurance policy with respect to liability arising out of activities, "operations," or "work" performed by or on behalf of Supplier, and products and completed operations of Supplier. The policy provision(s) or endorsement(s) must further provide that coverage is primary and not excess over or contributory with any other valid, applicable, and collectible insurance or self-insurance in force for the additional insureds.

D. WAIVER OF SUBROGATION. Supplier waives and must require (by endorsement or otherwise) all its insurers to waive subrogation rights against Sourcewell and other additional insureds for losses paid under the insurance policies required by this Contract or other insurance applicable to the Supplier or its subcontractors. The waiver must apply to all deductibles and/or self-insured retentions applicable to the required or any other insurance maintained by the Supplier or its subcontractors. Where permitted by law, Supplier must require similar written express waivers of subrogation and insurance clauses from each of its subcontractors.

E. UMBRELLA/EXCESS LIABILITY/SELF-INSURED RETENTION. The limits required by this Contract can be met by either providing a primary policy or in combination with umbrella/excess liability policy(ies), or self-insured retention.

19. COMPLIANCE

A. LAWS AND REGULATIONS. All Equipment, Products, or Services provided under this Contract must comply fully with applicable federal laws and regulations, and with the laws in the states and provinces in which the Equipment, Products, or Services are sold.

B. LICENSES. Supplier must maintain a valid and current status on all required federal, state/provincial, and local licenses, bonds, and permits required for the operation of the business that the Supplier conducts with Sourcewell and Participating Entities.

20. BANKRUPTCY, DEBARMENT, OR SUSPENSION CERTIFICATION

Supplier certifies and warrants that it is not in bankruptcy or that it has previously disclosed in writing certain information to Sourcewell related to bankruptcy actions. If at any time during this Contract Supplier declares bankruptcy, Supplier must immediately notify Sourcewell in writing.

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Supplier certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Supplier certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this Contract. Supplier further warrants that it will provide immediate written notice to Sourcewell if this certification changes at any time.

21. PROVISIONS FOR NON-UNITED STATES FEDERAL ENTITY PROCUREMENTS UNDER UNITED STATES FEDERAL AWARDS OR OTHER AWARDS

Participating Entities that use United States federal grant or FEMA funds to purchase goods or services from this Contract may be subject to additional requirements including the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 C.F.R. § 200. Participating Entities may have additional requirements based on specific funding source terms or conditions. Within this Article, all references to "federal" should be interpreted to mean the United States federal government. The following list only applies when a Participating Entity accesses Supplier's Equipment, Products, or Services with United States federal funds.

A. EQUAL EMPLOYMENT OPPORTUNITY. Except as otherwise provided under 41 C.F.R. § 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. §60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 C.F.R. §, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 C.F.R. § 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." The equal opportunity clause is incorporated herein by reference.

B. DAVIS-BACON ACT, AS AMENDED (40 U.S.C. § 3141-3148). When required by federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. § 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 C.F.R. § 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-federal entity must report all suspected or reported violations to the federal awarding agency. The contracts must also include a provision for compliance with

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the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 C.F.R. § 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to the federal awarding agency. Supplier must be in compliance with all applicable Davis-Bacon Act provisions.

C. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. § 3701-3708). Where applicable, all contracts awarded by the non-federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. § 5). Under 40 U.S.C. § 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. This provision is hereby incorporated by reference into this Contract. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

D. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT. If the federal award meets the definition of "funding agreement" under 37 C.F.R. § 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 C.F.R. § 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

E. CLEAN AIR ACT (42 U.S.C. § 7401-7671Q.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. § 1251-1387). Contracts and subgrants of amounts in excess of $150,000 require the non-federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. § 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

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Supplier certifies that during the term of this Contract will comply with applicable requirements as referenced above.

F. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689). A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 C.F.R. §180 that implement Executive Orders 12549 (3 C.F.R. § 1986 Comp., p. 189) and 12689 (3 C.F.R. § 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Supplier certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

G. BYRD ANTI-LOBBYING AMENDMENT, AS AMENDED (31 U.S.C. § 1352). Suppliers must file any required certifications. Suppliers must not have used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Suppliers must disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the non-federal award. Suppliers must file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1352).

H. RECORD RETENTION REQUIREMENTS. To the extent applicable, Supplier must comply with the record retention requirements detailed in 2 C.F.R. § 200.333. The Supplier further certifies that it will retain all records as required by 2 C.F.R. § 200.333 for a period of 3 years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

I. ENERGY POLICY AND CONSERVATION ACT COMPLIANCE. To the extent applicable, Supplier must comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

J. BUY AMERICAN PROVISIONS COMPLIANCE. To the extent applicable, Supplier must comply with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must follow the applicable procurement rules calling for free and open competition.

K. ACCESS TO RECORDS (2 C.F.R. § 200.336). Supplier agrees that duly authorized representatives of a federal agency must have access to any books, documents, papers and

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records of Supplier that are directly pertinent to Supplier's discharge of its obligations under this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Supplier's personnel for the purpose of interview and discussion relating to such documents.

L. PROCUREMENT OF RECOVERED MATERIALS (2 C.F.R. § 200.322). A non-federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. § 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

M. FEDERAL SEAL(S), LOGOS, AND FLAGS. The Supplier cannot use the seal(s), logos, crests, or reproductions of flags or likenesses of Federal agency officials without specific pre-approval.

N. NO OBLIGATION BY FEDERAL GOVERNMENT. The U.S. federal government is not a party to this Contract or any purchase by a Participating Entity and is not subject to any obligations or liabilities to the Participating Entity, Supplier, or any other party pertaining to any matter resulting from the Contract or any purchase by an authorized user.

O. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS. The Contractor acknowledges that 31 U.S.C. 38 (Administrative Remedies for False Claims and Statements) applies to the Supplier's actions pertaining to this Contract or any purchase by a Participating Entity.

P. FEDERAL DEBT. The Supplier certifies that it is non-delinquent in its repayment of any federal debt. Examples of relevant debt include delinquent payroll and other taxes, audit disallowance, and benefit overpayments.

Q. CONFLICTS OF INTEREST. The Supplier must notify the U.S. Office of General Services, Sourcewell, and Participating Entity as soon as possible if this Contract or any aspect related to the anticipated work under this Contract raises an actual or potential conflict of interest (as described in 2 C.F.R. Part 200). The Supplier must explain the actual or potential conflict in writing in sufficient detail so that the U.S. Office of General Services, Sourcewell, and Participating Entity are able to assess the actual or potential conflict; and provide any additional information as necessary or requested.

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R. U.S. EXECUTIVE ORDER 13224. The Supplier, and its subcontractors, must comply with U.S. Executive Order 13224 and U.S. Laws that prohibit transactions with and provision of resources and support to individuals and organizations associated with terrorism.

S. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. To the extent applicable, Supplier certifies that during the term of this Contract it will comply with applicable requirements of 2 C.F.R. § 200.216.

T. DOMESTIC PREFERENCES FOR PROCUREMENTS. To the extent applicable, Supplier certifies that during the term of this Contract will comply with applicable requirements of 2 C.F.R. § 200.322.

22. CANCELLATION

Sourcewell or Supplier may cancel this Contract at any time, with or without cause, upon 60 days' written notice to the other party. However, Sourcewell may cancel this Contract immediately upon discovery of a material defect in any certification made in Supplier's Proposal. Cancellation of this Contract does not relieve either party of financial, product, or service obligations incurred or accrued prior to cancellation.

Sourcewell	72 Hour LLC, dba National Auto Fleet Group
DocuSigned by: Jeremy Schwartz C0FD2A139D06489...	DocuSigned by: Jesse Cooper FACBB5730C1E467...
By: _____	By: _____
Jeremy Schwartz	Jesse Cooper
Title: Chief Procurement Officer	Title: National Fleet Manager
Date: 7/2/2024 | 2:37 PM CDT	Date: 7/2/2024 | 2:04 PM CDT

RFP 032824 - Class 4-8 Chassis and Cabs with Related Equipment, Accessories, and Services

Vendor Details

Company Name:	72 HOUR LLC
Does your company conduct business under any other name? If yes, please state:	National Auto Fleet Group
Address:	490 Auto Center Drive Watsonville, CA 95076
Contact:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Phone:	951-440-0585
Fax:	831-840-8497
HST#:	263297677

Submission Details

Created On:	Thursday February 08, 2024 14:26:39
Submitted On:	Wednesday March 27, 2024 18:09:27
Submitted By:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Transaction #:	de37f6a4-b806-40a7-b5b6-766f219b36f2
Submitter's IP Address:	104.35.160.44

Specifications

Table 1: Proposer Identity & Authorized Representatives

General Instructions (applies to all Tables) Sourcewell prefers a brief but thorough response to each question. Do not merely attach additional documents to your response without also providing a substantive response. Do not leave answers blank; respond "N/A" if the question does not apply to you (preferably with an explanation).

Line Item	Question	Response *	
1	Proposer Legal Name (one legal entity only): (In the event of award, will execute the resulting contract as "Supplier")	72 HOUR, LLC	*
2	Identify all subsidiary entities of the Proposer whose equipment, products, or services are included in the Proposal.	72 Hour, LLC	*
3	Identify all applicable assumed names or DBA names of the Proposer or Proposer's subsidiaries in Line 1 or Line 2 above.	National Auto Fleet Group	*
4	Provide your CAGE code or Unique Entity Identifier (SAM):	Y1FHD2Z1ZDY5	*
5	Proposer Physical Address:	490 Auto Center Drive Watsonville, CA 95076	*
6	Proposer website address (or addresses):	www.Nationalautofleetgroup.com	*
7	Proposer's Authorized Representative (name, title, address, email address & phone) (The representative must have authority to sign the "Proposer's Assurance of Compliance" on behalf of the Proposer and, in the event of award, will be expected to execute the resulting contract):	Jesse Cooper National Fleet Manager 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com 855-289-6572	*
8	Proposer's primary contact for this proposal (name, title, address, email address & phone):	Jesse Cooper National Fleet Manager 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com 855-289-6572	*
9	Proposer's other contacts for this proposal, if any (name, title, address, email address & phone):	Clarke Cooper National Fleet Manager 490 Auto Center Drive Watsonville, CA 95076 Clarkecooper@watsonvillefleetgroup.com 818-618-6136	

Table 2: Company Information and Financial Strength

Line Item	Question	Response *	
10	Provide a brief history of your company, including your company's core values, business philosophy, and industry longevity related to the requested equipment, products or services.	National Auto Fleet Group was established in 1987 in Southern California, and boasts a rich history of family-driven success. From humble beginnings with a single dealership, we've grown into a nationwide network of over 15 dealerships, thanks to the dedication and vision of our father. One of our core values has always been fostering a strong company culture, and we achieve this by prioritizing internal growth. We proudly promote from within, leveraging the talent and experience of our dedicated team members. This approach not only ensures continuity and a deep understanding of our values, but also fosters a sense of loyalty and belonging among our employees. This commitment to internal development has been instrumental in our expansion, allowing us to cultivate a leadership team that embodies our core values and drives our continued success. We are proud of the journey we've taken and excited for the future, as we continue to empower our team and provide exceptional service to our customers. For over 35 years, National Auto Fleet Group has remained a family-owned and operated company. The Cooper family has deep roots in the automobile industry, with a passion for exceeding expectations passed down through generations. Today, even our future generations are learning the ropes, ensuring decades more of industry leadership. We aren't just selling vehicles; we're building relationships that last. Our family values of integrity, dedication, and customer service permeate everything we do. This commitment has earned us numerous industry awards and the trust of countless clients. But this is just the beginning. With fresh perspectives from future generations joining the team, we're excited to lead the industry for decades to come. National Auto Fleet Group isn't just about delivering vehicles; it's about delivering peace of mind. Our unwavering commitment to the 4 RIGHTs: delivering the RIGHT vehicle, at the RIGHT time, to the RIGHT place, and at the RIGHT price, ensures our clients experience unmatched satisfaction and success. Since 1987, we've witnessed the auto industry shift gears, evolving from gas-powered machines to the cutting edge of all-electric and fuel cell technology. Through it all, one thing has remained constant: our core values. Even in today's rapidly changing landscape, we hold steadfast to the principles that have guided us for decades. These values – internal growth, customer focus, efficiency, teamwork, accountability and integrity are the engine that powers our growth and fuels our commitment to exceeding expectations. While the vehicles we offer may have changed, our dedication to providing superior customer service remains as strong as ever. We embrace the future with the same passion and determination that fueled our success in the past, ensuring that our customers continue to receive the exceptional service they deserve.	*
11	What are your company's expectations in the event of an award?	Securing another Sourcewell contract would mark our sixth, propelling us to even greater heights by leveraging our proven track record of serving customers nationwide. This expansion fuels our commitment to invest in our divisions, particularly our Partner Program (details in uploaded Zip file). This innovative program empowers members to recommend local upfitters, fostering win-win partnerships and delivering	*
12	Demonstrate your financial strength and stability with meaningful data. This could include such items as financial statements, SEC filings, credit and bond ratings, letters of credit, and detailed reference letters. Upload supporting documents (as applicable) in the document upload section of your response.	We have demonstrated throughout the past 12 years to our financial institutions that we stability in the market place and with this meaning data our bank has provided us with a $ 72,000,000 floor plan limit to help in our growing operations which include Sourcewell Members.	*
13	What is your US market share for the solutions that you are proposing?	Our US market share for the products and models we are offering is roughly 70-80% as represented by the 15 manufacturers.	*
14	What is your Canadian market share for the solutions that you are proposing?	While we haven't yet entered the Canadian market, National Auto Fleet Group's proven track record of success fuels our aggressive expansion plans, with a strong focus on international markets like Canada. We are confident that our expertise and commitment to innovation will allow us to make a significant impact in the near future, expanding our reach and serving customers across new borders.	*
15	Has your business ever petitioned for bankruptcy protection? If so, explain in detail.	No	*
16	How is your organization best described: is it a manufacturer, a distributor/dealer/reseller, or a service provider? Answer whichever question (either a) or b) just below) best applies to your organization. a) If your company is best described as a distributor/dealer/reseller (or similar entity), provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? b) If your company is best described as a manufacturer or service provider, describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?	A) we are best described as a distributor/dealer/reseller and all our written authorization documents are attached in the Related Certificates section.	*
17	If applicable, provide a detailed explanation outlining the licenses and certifications that are both required to be held, and actually held, by your organization (including third parties and subcontractors that you use) in pursuit of the business contemplated by this RFP.	What is required does vary from state to state however we 72 Hour LLC, do hold all applicable licenses and certifications required by the State of California to sell, service and delivery New/Unused Vehicles we are franchised for and sell, service and delivery any vehicle we are not franchised for through our resellers permit. All our dealer partners across the county have provide us with there dealer certificates and department of motor vehicles certificates to allow NAFG to partner and sell there products. All documents are attached in the Certificates section.	*
18	Provide all "Suspension or Debarment" information that has applied to your organization during the past ten years.	None exist	*

Table 3: Industry Recognition & Marketplace Success

Line Item	Question	Response *
19	Describe any relevant industry awards or recognition that your company has received in the past five years	NAFG has a strong track record of success, consistently ranking among the top dealerships in Government Sales for Ford Motor Company and receiving high recognition from General Motors for its Chevrolet brand. The most prodigious award NAFG has received in the past 5 years would be: Top Placement in Ford Motor Company as a leading dealership in Government Sales followed by our high ranking recognition from General Motors for our Chevrolet brand. Both NAFG has received 4 of the past 5 years
20	What percentage of your sales are to the governmental sector in the past three years	In our division in Fleet, we have sold about 95% to Government accounts
21	What percentage of your sales are to the education sector in the past three years	As a percentage of our sales in the Government, about 20% would be considered to Universities and Unified School Districts.
22	List any state, provincial, or cooperative purchasing contracts that you hold. What is the annual sales volume for each of these contracts over the past three years?	We hold the State of California contract with volumes from 200 to 500 units a year during the past three years. Second, our Sourcewell Contract's 091521 and 060920 which over the past three years LADWP Contracts valued over $ 220,000,000 City of San Diego Contracts valued over $ 120,000,000
23	List any GSA contracts or Standing Offers and Supply Arrangements (SOSA) that you hold. What is the annual sales volume for each of these contracts over the past three years?	NAFG focus is on our Sourcewell Contracts we do not hold any other besides the State of California.

Table 4: References/Testimonials

Line Item 24. Supply reference information from three customers who are eligible to be Sourcewell participating entities.

Entity Name *	Contact Name *	Phone Number *
Port of Los Angeles (CA)	David Comer	310-732-3794
Los Angeles Department of Water & Power (CA)	Philip Ly	818-771-3607
City of Jersey City (NJ)	James Lovero	201-547-4423
Washington Suburban Sanitary Commission (Maryland)	Jarrett Baumgartner	301-206-4226
Town of Hempstead (NY)	Christopher Carter	516-812-3555

Table 5: Top Five Government or Education Customers

Line Item 25. Provide a list of your top five government, education, or non-profit customers (entity name is optional), including entity type, the state or province the entity is located in, scope of the project(s), size of transaction(s), and dollar volumes from the past three years.

Entity Name	Entity Type *	State / Province *	Scope of Work *	Size of Transactions *	Dollar Volume Past Three Years *
Port of Los Angeles Mr. David Comer 310-732-3794	Government	California - CA	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000
Los Angeles Department of Water & Power Mr. Philip Ly 818-771-3607	Government	California - CA	Provided New Vehicles with Upfits	Over $ 20,000,000	Over $ 80,000,000
City of Jersey City Mr. James Lovero 201-547-4423	Government	New Jersey - NJ	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000
Washington Suburban Sanitary Commission Mr. Jarrett Baumgartner 301-206-4226	Government	Maryland - MD	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000
El Paso Water Mr. Ivan Ibarra 915-594-5712	Government	Texas - TX	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000

Table 6: Ability to Sell and Deliver Service

Describe your company's capability to meet the needs of Sourcewell participating entities across the US and Canada, as applicable.

Your response should address in detail at least the following areas: locations of your network of sales and service providers, the number of workers (full-time equivalents) involved in each sector, whether these workers are your direct employees (or employees of a third party), and any overlap between the sales and service functions.

Line Item	Question	Response *	
26	Sales force.	National Auto Fleet Group boasts a robust sales force exceeding 100 dedicated personnel. This includes both direct employees and a network of partner dealers, ensuring comprehensive support for dealerships and our dedicated fleet division. Our indirect sales force seamlessly complements our direct team, effectively serving existing member needs. As our member base expands, we're committed to scaling our team accordingly to maintain exceptional service levels.	*
27	Dealer network or other distribution methods.	NAFG leverages an unparalleled franchise network encompassing 15 leading manufacturers. These industry giants, like (Ford Motor Company, General Motors, CDJR, etc..), boast a nationwide presence, ensuring our members receive seamless service and warranty repairs for their vehicles. Historically, auto manufacturers have faced challenges in distributing automobiles and cab chassis. However, the United States boasts the world's most efficient automotive supply chain network, and as franchised dealers of these renowned brands, NAFG capitalizes on this advantage to efficiently ship and supply vehicles to our members nationwide.	*
28	Service force.	Our extensive network of service locations, spanning thousands of facilities across our 15 manufacturers, ensures convenient access for our members. This comprehensive coverage allows them to easily find service stations or warranty repair facilities nearby, minimizing downtime and maximizing convenience. While Alaska and Hawaii may have slightly larger distances between dealerships, our members can still rely on our network for support, potentially with extended lead times.	*
29	Describe the ordering process. If orders will be handled by distributors, dealers or others, explain the respective roles of the Proposer and others.	Members can place orders with NAFG for all products we are offering, we will either place the order with the OEM as we are franchised for or we will provide the order to our partner dealer who was part of the quote generation from the start with the member so we can allow there relationship to maintain while serving the member. NAFG maintains the role of administering and facilitating the transaction between the member and the OEM dealer.	*
30	Describe in detail the process and procedure of your customer service program, if applicable. Include your response-time capabilities and commitments, as well as any incentives that help your providers meet your stated service goals or promises.	I understand that you want me to use the information in your ZIP file, specifically the "Member Walk Through" document, as a reference to explain your Customer Service programs. Here's a breakdown based on the information you provided: Obtaining Quotes Online: ● Members can register on our website (https://www.nationalautofleetgroup.com/) for free. This protects member pricing. ● After registration, they'll receive a welcome email with a demo video explaining the website. ● A secure dashboard keeps all quotes organized. ● Members choose their desired brand, model year, and category (cars, vans, etc.). ● Filters help narrow down options (cab style, drivetrain, bed length). ● All available factory options are displayed for easy selection. ● Sourcewell Price reports show MSRP, member price, and savings (percentage and dollar amount). ● Optional extras include additional keys, manuals, sales tax, and upfits. ● A final, printable quote package includes a unique Sourcewell Quote ID number, description, and specifications. Partnering with Upfitters: ● A dedicated website (https://www.nationalautofleetgroup.com/) connects members with upfitters. ● Upfitters can learn about partnering with NAFG to serve local members. ● This simplifies the process of getting a vehicle upfitted. Tracking Orders: ● Members can track orders directly on the main website using the "Track your order" feature. ● Orders can be tracked by entering the purchase order number, quote ID, upfit quote ID, or VIN. Order Confirmation: ● NAFG sends a courtesy confirmation email to double-check order details (color, quantity, upfit, specifications). ● Title information is requested to expedite paperwork at delivery. Factory Order Cut-Off Notices: ● The website highlights upcoming factory order cut-off dates. ● This information is also printed on the quote cover page (when available). Price Validation Example: ● A sample build process showcases member pricing benefits. ● The example shows the difference between MSRP, member price, and total savings (percentage and dollar amount). (Provide an example with savings %) ● This emphasizes the additional discount offered by NAFG.	*
31	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in the United States.	We have provided a list of our top 1,000 member/clients demonstrating our ability to service all members nationwide. Located in the Marketing Place ZIP file as "NAFG Top 1,000 Member Clients" PDF	*
32	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in Canada.	National Auto Fleet Group is poised to expand into Canada, leveraging our proven business model and expertise. We believe the favorable exchange rate and our competitive pricing structure create an ideal opportunity to partner with Canadian dealer groups, ultimately serving members across North America.	*
33	Identify any geographic areas of the United States or Canada that you will NOT be fully serving through the proposed contract.	We are not serving Canada at this moment.	*
34	Identify any Sourcewell participating entity sectors (i.e., government, education, not-for-profit) that you will NOT be fully serving through the proposed contract. Explain in detail. For example, does your company have only a regional presence, or do other cooperative purchasing contracts limit your ability to promote another contract?	We're happy to service all Sourcewell members through our 24/7 website. We offer government members a specific discount program in recognition of their use of taxpayer funds. For non-profit organizations, we've designed a tailored pricing program to meet their unique needs and budgets. We'll work with each non-profit on a case-by-case basis to ensure they receive the most value from our services.	*
35	Define any specific contract requirements or restrictions that would apply to our participating entities in Hawaii and Alaska and in US Territories.	For members in Alaska, Hawaii, and US Territories, the only membership requirement is the same as for all other members. However, due to logistical shipping constraints in these regions, additional costs may apply. We currently provide members in Alaska with chassis cabs with upfits. In these cases, the member agrees to cover the extra shipping cost, port cost, and driver cost associated with loading and unloading their vehicles from port to port. This additional cost would be clearly outlined in any quote provided to members in these regions.	*

Table 7: Marketing Plan

Line Item	Question	Response *	

36	Describe your marketing strategy for promoting this contract opportunity. Upload representative samples of your marketing materials (if applicable) in the document upload section of your response.	National Auto Fleet Group utilizes a number of outbound strategies to promote the Sourcewell Vehicle contract. National Auto Fleet Group isn't waiting for government agencies to come knocking about the Sourcewell Vehicle contract. Instead, we're proactively hitting the gas pedal with outbound marketing strategies. With outbound marketing, NAFG initiates by pushing the message out to our government agencies. Examples include: . ● Cold Email Campaigns: Tailored messages reaching relevant government agencies directly. Examples include new vehicle pricing availability, in stock units, new website features, holiday themed flyers and vehicle cutoff dates. ● Trade Show Presence: Engaging exhibits and knowledgeable representatives making connections at key events. ● Targeted Content: Creating diverse campaign materials that resonate with different government segments. For example, police vehicle availability flyers for police agencies. ● Data-Driven Decisions: Tracking results and optimizing campaigns for maximum impact such as open rates, click-through rates to gauge the effectiveness of our email campaigns Our use of Campaigner Email Marketing platform service is a CRM database used to monitor, send and track effectiveness of emails and more. This service has assisted in streamlining email flyer messages to many of our government agencies across the United States. Campaigner has been an essential tool in not only creating new campaigns but recurring campaigns to ensure our message is sent to new potential clients. This type of outbound marketing fosters proactive engagement with potential customers, sparking their interest in our products. We invite them to explore the diverse product range showcased on our NAFG website, conveniently accessible through both phone calls and website visits. To further empower their buying journey, we encourage registration. It not only unlocks real-time product availability, but also grants access to our innovative self-quoting system. This intuitive tool empowers customers with the autonomy to create unlimited personalized quotes, tailoring them to their specific needs and budget. By eliminating the wait for traditional quotes, this self-service option streamlines the process, fostering a sense of control and ownership for the customer. Ultimately, this outbound marketing approach, coupled with our user-friendly self-quoting system, empowers potential customers to confidently explore and confidently make informed decisions. Business to Business Marketing: National Auto Fleet Group National Auto Fleet Group (NAFG) acknowledges the importance of building strong relationships with local upfitting body companies. That's why we employ strategic business-to-business (B2B) marketing strategies to attract potential partners and create a mutually beneficial ecosystem. Introducing Our Partner Website: We encourage any body upfitting company to visit our dedicated partner website: www.nafgpartner.com. This platform makes it easy for local upfitting companies to explore the benefits of collaborating with NAFG. Key Perks for Upfitting Body Companies: ● Enhanced Visibility: Get the body company's company profile listed on our website, making them searchable by NAFG's extensive network of government clients. ● Targeted referrals: We actively connect upfitting companies with qualified government clients seeking their specific expertise. ● Profile Customization: Partners are encouraged to create a unique profile showcasing the body company's strengths, experience, and service offerings. ● Geographic Reach: Expand the network by having our partners' contact information and location displayed on our interactive map. By partnering with NAFG, body companies gain access to a vast pool of potential government clients seeking vehicle upfitting services. In turn, the body company helps us fulfill client needs and deliver comprehensive vehicle solutions. National Auto Fleet Group also exercises the use of inbound marketing strategies to promote our Sourcewell Vehicle contract. Our marketing department cultivates a targeted audience by maintaining a database of registered government agencies on our website and nurturing past customers who have experienced the benefits of our offerings. This allows us to deliver relevant content and resources directly to those already interested in our solutions, fostering trust and brand loyalty. Relationship building is another technique used to foster positive relations with clients to become long-term customers. NAFG team provides excellent customer service and support to encourage word of mouth referral. The positive quality of service experienced by customers has led to an increased number of sales through referrals. Our goal is to provide exemplary customer service throughout the entire purchasing process to encourage repeat business and referrals.

37	Describe your use of technology and digital data (e.g., social media, metadata usage) to enhance marketing effectiveness.	The creation of the National Auto Fleet Group app is one way to build a stronger relationship with interested buyers and empower them with the information they need. By downloading our NAFG app, clients are able to: ● Receive instant push notifications on their phones regarding new vehicle availability: Be the first to know when new vehicles arrive on the lot that match your specific needs and preferences. ● Stay informed about crucial cutoff dates: Ensure clients don't miss out on deadlines by having them conveniently delivered straight to your phone. ● View Available In-Stock Units: Scroll through a list of in stock vehicles available on our website. A specific inbound marketing tactic that can significantly boost our online presence is the development of search engine optimization (SEO). By optimizing our website for relevant keywords and user experience, we can attract more qualified visitors organically and establish NAFG as a leading name in its field. Here's how we're actively implementing SEO on the NAFG website: Rewriting the NAFG Story: ● By crafting a compelling and informative webpage that clearly defines who we are, what we do, and how we benefit our audience. ● Included relevant keywords naturally throughout the content, including product names, mission statement, and contract numbers. ● Ensured the page is concise and scannable, breaking up text with headings and bullet points. 2. On-Page Optimization Techniques: ● Title tags: Each page includes a unique and descriptive title tag, under 65 characters, that accurately reflects the content and includes relevant keywords. ● Meta descriptions: Crafting captivating meta descriptions (under 155 characters) that entice users to click and summarize the page's value proposition. ● Header tags: Structured the content with clear headings and subheadings (H1, H2, etc.) to improve readability and search engine crawlability. ● Images: Optimize image file names and alt text with relevant keywords to increase accessibility and image search ranking. ● Internal linking: Connecting related pages within the website using descriptive anchor text ● Social media: Ensure social media profiles and share buttons are linked to our pages. By implementing these actionable SEO strategies, we can significantly improve NAFG's online presence, attract more qualified leads, and establish ourselves as a thought leader in the industry. When the terms “government fleet vehicle purchasing”, “purchasing vehicles for the government”, “government vehicle purchasing”, “how do I purchase vehicles for the government”, “purchasing government fleet”, “government vehicle procurement”, “procuring vehicles for the government”,are entered in the google search button, NAFG is on the top five search results. Social media is a critical part in the way people communicate and connect with each other. Linkedin offers a variety of ways to expand our network by finding and connecting with relevant professionals in the industry. Platforms like LinkedIn offer invaluable tools for professional networking, allowing individuals to expand their network by finding and connecting with relevant professionals and industry leaders. A prime example is National Auto Fleet Group, which effectively utilizes LinkedIn to reach out to current and potential members through personalized messages, fostering stronger relationships and community engagement. Beyond professional connections, social media serves as a powerful bridge between individuals and their governing bodies. By following government pages on Instagram and Twitter, government municipalities can gain valuable insights into pressing issues and important announcements
38	In your view, what is Sourcewell’s role in promoting contracts arising out of this RFP? How will you integrate a Sourcewell-awarded contract into your sales process?	Sourcewell is a trusted brand that government entities can rely on to provide a wide variety of products and services. They aim to simplify the procurement process of government entities. The Sourcewell brand integrates a thorough documentation review of all vendors prior to awarding their cooperative contract to ensure products and services are from reputable vendors. The brand provides a sense of showing legitimacy and verification of our company name and members understand that products and services provided are from reputable vendors. Clients recognize the Sourcewell brand and their vendors as a trusted source that will meet their needs. The main selling point of the brand is the elimination of the need to go out to bid. Sourcewell has done the bidding for the government entities which simplifies the purchasing process. This process not only saves money but valuable time as well. Sourcewell has provided NAFG overwhelming opportunities to work with government agencies across the United States. The Sourcewell name represents a high standard of integrity and ethics and we are proud to be part of this dynamic. Sourcewell members have access to a contract that is more flexible than the standard bidding process. Sourcewell is an organization that aids government entities to stay competitive without the frustrations and issues involved with the traditional bidding process. The Sourcewell contract can be also customized to meet the needs of the client. The sales team has incorporated not only this standard of integrity in their sales practice by ensuring clients we will always assist them with their vehicle purchasing needs. The cost savings and stress free nature of the cooperative contracts favors that of the traditional bidding process. It enables vendors to work with qualifying government entities in a more efficient manner. We vow to maintain these levels of standards across the board throughout all departments within National Auto Fleet Group Sourcewell isn't just a trusted brand; it's a comprehensive solution for government procurement. From vehicles and food to technology and administrative services, they offer a diverse range of high-quality products and services. Partnering with pre-vetted vendors ensures reliability and peace of mind. The flexibility of Sourcewell contracts allows us to tailor our services to a specific need, unlike the one-size-fits-all approach of typical bidding. Government agencies across the United States, like NAFG, have utilized Sourcewell to procure their needs efficiently.

39	Are your products or services available through an e-procurement ordering process? If so, describe your e-procurement system and how governmental and educational customers have used it.	Our website provides a hands-on empowering approach to ordering vehicles online. Clients can search through many vehicle makes and models with the ability to customize a vehicle tailored to the specific needs of their agency. A personalized quote with pricing can be available in as little as 5 minus depending on the complexity of the vehicle. If upfitting is needed, a sales representative can be reached through phone, email, live chat or noted on the self-quoting online system. Once a customized quote is built, clients have the option to finalize the sales transaction by submitting a purchase order to our sales team via email. This gives complete autonomy to the client to purchase vehicles without the need to speak to a sales rep. If assistance is needed, they can contact sales through email, live chat or phone. If support is required to build a quote, our sales reps are available to assist the client step by step. Once the vehicle is built to the client's needs, government agencies are also able to upload a purchase order from their account to purchase a vehicle. NAFG will then process the purchase order and place the vehicle on order with the manufacturer. Government agencies are also able to track the status of their order using the ETA tracking available on the NAFG website. Our website puts the power to order vehicles directly in your hands, with a user-friendly approach that empowers government agencies to choose the perfect solution for their needs. Browse through a comprehensive selection of vehicle makes and models, or customize your ideal vehicle with features tailored to your specific requirements. Get a personalized quote with upfront pricing in as little as 5 minutes, depending on the complexity of your chosen vehicle. Upfitting needed? No problem! Reach out to our dedicated sales team via phone, email, live chat, or simply mention your requirements directly in the self-quoting system. Once a government municipality is ready to purchase, they can simply submit a purchase order through their online account. We offer complete autonomy, allowing buyers to acquire vehicles without needing to speak directly to a sales representative. However, our expert team is always available to assist if they need a helping hand. Our assistance is available via email, live chat, or phone – For government agencies, the process is streamlined even further. They are able to stay informed throughout the entire journey with our convenient ETA tracking system, accessible right on the NAFG website. Experience the convenience and control of online vehicle ordering for government agencies with NAFG. Visit our website today and empower your agency to acquire the perfect vehicle solution. As of today, National Auto Fleet Group has over 8000 members registered on our website and 2400 customers buying from us.	*

Table 8: Value-Added Attributes

Line Item	Question	Response *	
40	Describe any product, equipment, maintenance, or operator training programs that you offer to Sourcewell participating entities. Include details, such as whether training is standard or optional, who provides training, and any costs that apply.	NAFG extends any and all Service Training Programs provided by the Manufacturer. Many of the programs offered are quoted individually by the manufacture based on class size and region of the country. NAFG will pass these quotes onto the member at NAFG cost.	*
41	Describe any technological advances that your proposed products or services offer.	With world leaders in chassis technology like Ford Motor Company, General Motor's and MACK Truck which the member automatically gets the benefit of the latest up to date technology NAFG offers our dealer body to the members for the most leading up to date information.	*
42	Describe any "green" initiatives that relate to your company or to your products or services, and include a list of the certifying agency for each.	NAFG has Partnered to create a 400 US Mayor Drive Climate Mayor Purchasing Collaborative www.Driveevfleet.org to help spread the benefit of members going 100% green. We have 100% Pure Electric vehicles to offer such as the Chevrolet Bolt and Ford Fusion, which are all predecessors to the All New Ford Electric F-150. We are certain over the next few years, Ford and many other manufacturers will be making available 100% pure electric cab chassis for members to select from.	*
43	Identify any third-party issued eco-labels, ratings or certifications that your company has received for the equipment or products included in your Proposal related to energy efficiency or conservation, life-cycle design (cradle-to-cradle), or other green/sustainability factors.	Ford Motor Company and General Motors just to name 2 of the 15 OEM's we are representing have leading edge certifications and rating which provide them the ability to offer there products nationwide.	*
44	Describe any Women or Minority Business Entity (WMBE), Small Business Entity (SBE), or veteran owned business certifications that your company or HUB partners have obtained. Upload documentation of certification (as applicable) in the document upload section of your response.	We hold a Minority Certification through the California Clearing House Authorization	*
45	What unique attributes does your company, your products, or your services offer to Sourcewell participating entities? What makes your proposed solutions unique in your industry as it applies to Sourcewell participating entities?	NAFG's dedication to the member. NAFG has built its division solely for the purpose of serving the members experience from our 24-hour member website or website improvements and capabilities to thinking outside the box to help a member find a solution.	*

Table 9A: Warranty

Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure.

You may upload representative samples of your warranty materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
46	Do your warranties cover all products, parts, and labor?	We have attached all Warranty information provided by all 15 manufacturers offered in our proposal as an added attachment.	*
47	Do your warranties impose usage restrictions or other limitations that adversely affect coverage?	Each manufacturer have there own usage restrictions that a member should be aware of. Such an improper use of a chassis may not allow it to be covered under warranty. For example, a F-250 being used for a police rated pursuit vehicle would void certain warranties. We encourage for each member to contact us for there particular warranty coverage.	*
48	Do your warranties cover the expense of technicians' travel time and mileage to perform warranty repairs?	Yes, in some cases of a breakdown event, manufacturers would tow your vehicle to there nearest warranty repair facility.	*
49	Are there any geographic regions of the United States or Canada (as applicable) for which you cannot provide a certified technician to perform warranty repairs? How will Sourcewell participating entities in these regions be provided service for warranty repair?	Each manufacture is different, and we encourage prior to purchasing a product to call in and ask about your specific region and how it's covered.	*
50	Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?	All warranties are passed on to the original equipment manufacturer.	*
51	What are your proposed exchange and return programs and policies?	We offer no exchange, return programs or policies. Once an order is in production with the factory and NAFG can not cancel the order after trying to cancel with the manufacturer, then the order is non-cancellable.	*
52	Describe any service contract options for the items included in your proposal.	We offer any and all manufacturer service contracts to all members. There are several parameters which a customized service contract can be created. NAFG will treat each of these as an added factory option and follow the same discount schedule in the price file.	*

Table 10: Payment Terms and Financing Options

Line Item	Question	Response *	
53	Describe your payment terms and accepted payment methods.	Payment terms are Net 20, with a 10-day grace period.	*
54	Describe any leasing or financing options available for use by educational or governmental entities.	NAFG has partnered with National Cooperative Leasing to offer Sourcewell Contract Lease Terms to all NAFG Quotes for all Sourcewell Members. We have attached a PDF called "NCL Sample Lease" in the Zip File Called "Member Walk Through"	*
55	Describe any standard transaction documents that you propose to use in connection with an awarded contract (order forms, terms and conditions, service level agreements, etc.). Upload a sample of each (as applicable) in the document upload section of your response.	We attached our Standard Documents that all member would see in a typical transaction. Starting with all quotes which contain there unique Quote ID on the top of each quote. A member can then call and help us identify which quote they are inquiring within so we can help hem quicker. Each quote has its list of standard equipment and selected equipment the member has chosen for themselves. Followed by the contract discount on each cover page so the member can easily see there Sourcewell saving. A sample transaction has been attached.	*
56	Do you accept the P-card procurement and payment process? If so, is there any additional cost to Sourcewell participating entities for using this process?	Yes, up to $ 2,500 per vehicle, any amount higher than $ 2,500 would carry a P-card/ Credit Card transaction fee which will be passed onto the member.	*

Table 11: Pricing and Delivery

Provide detailed pricing information in the questions that follow below. Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract as described in the RFP, the template Contract, and the Sourcewell Price and Product Change Request Form.

Line Item	Question	Response *	
57	Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the Sourcewell discounted price) on all of the items that you want Sourcewell to consider as part of your RFP response. If applicable, provide a SKU for each item in your proposal. Upload your pricing materials (if applicable) in the document upload section of your response.	NAFG is offering Line Item Discounts Off MSRP for 15 manufacturers detailed in the Price File, NAFG is offering all Upfits to be added to any and all chassis cabs and trucks, details are on the Summary Page in the price file.	*
58	Quantify the pricing discount represented by the pricing proposal in this response. For example, if the pricing in your response represents a percentage discount from MSRP or list, state the percentage or percentage range.	Each Manufacture Product Range is detailed in the tabs below, here is an overview Ford Motor Company from 1.16% to 6.00% RAM Stallantis Company from 4.13% to 4.14% Chevrolet from 6.83% to 6.92% Autocar at 9.00% ISUZU at 5.00% Volvo at 12.00% Freightliner from 4.76% to 15.15% Western Star from 15.00% to 20.00% MACK from 3.00% to 26.36% Kenworth from 13.83% to 32.80% Peterbilt from 10.27% to 31.56% Battle Motors at 25.00% RIZO from 38.25% to 38.46% REE at 7.00% Bollinger Motors at 5.50% Upfits can be added at dealer invoice up to 20%, detailed in the price file.	*
59	Describe any quantity or volume discounts or rebate programs that you offer.	We encourage any and all members to contact us if considering ordering 100 at time of order or more units for an additional discount quote.	*
60	Propose a method of facilitating “sourced” products or related services, which may be referred to as “open market” items or “nonstandard options”. For example, you may supply such items “at cost” or “at cost plus a percentage,” or you may supply a quote for each such request.	Open Market products or Sourced Goods will be treated as any upfit and may be quoted up to a 20% mark-up if applicable.	*
61	Identify any element of the total cost of acquisition that is NOT included in the pricing submitted with your response. This includes all additional charges associated with a purchase that are not directly identified as freight or shipping charges. For example, list costs for items like pre-delivery inspection, installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.	All considerations have been taken into account in the price file in its entirety. Price Summary Page and Price Tabs contain all costs associated with all quotes. If a member would like a quote for a particular situation and the item needed special training or installation, these charges would be added as part of the upfit and included in the members quote.	*
62	If freight, delivery, or shipping is an additional cost to the Sourcewell participating entity, describe in detail the complete freight, shipping, and delivery program.	All manufacturers charge a standardized “Factory Destination Charge” which is displayed on all window stickers and on all trucks on a dealer’s lot. This is not the needed destination charge that maybe charged to then ship a chassis to and from an installer, these subsequent movements are all added freight charges and will displayed on the members quote.	*
63	Specifically describe freight, shipping, and delivery terms or programs available for Alaska, Hawaii, Canada, or any offshore delivery.	Freight to these regions carry a specific logistical barrier which carry added cost such as ferry, port and driver cost both to and from the mainland. These added costs will be disclosed and added to any quote for the member to review.	*
64	Describe any unique distribution and/or delivery methods or options offered in your proposal.	NAFG will utilize the power and expertise of the already established Automobile Franchise Distribution Network to have members vehicles delivered promptly there destination.	*

Table 12: Pricing Offered

Line Item	The Pricing Offered in this Proposal is: *	Comments
65	c. better than the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.	NAFG Offers Members of Sourcewell the very best selection and service for the overall best value we can offer.

Table 13: Audit and Administrative Fee

Line Item	Question	Response *	
66	Specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with Sourcewell. This process includes ensuring that Sourcewell participating entities obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to Sourcewell. Provide sufficient detail to support your ability to report quarterly sales to Sourcewell as described in the Contract template.	We have created a member friendly to build and price there chassis cabs on, the pricing is built directly into the website and is loaded daily by the manufacture MSRP information. Our system will provide an accurate quote 99.99% of the time. We have stream lined how our admin fee is processed to allow a quick 15-30 day turn around on quarterly reports.	*
67	If you are awarded a contract, provide a few examples of internal metrics that will be tracked to measure whether you are having success with the contract.	We have internal charts that track how many members we are serving per month and what regions we need to market into to raise awareness of Sourcewell and our contract. We also track how many vehicles we deliver to members to see if our volume is picking up or where the current market is at as it does fluctuate.	*
68	Identify a proposed administrative fee that you will pay to Sourcewell for facilitating, managing, and promoting the Sourcewell Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor’s sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member’s cost of goods. (See the RFP and template Contract for additional details.)	Our Admin Fee has been streamlined to allow for growth to occur with maintaining a high level of accuracy and reporting. Our proposed admin fee would follow these guidelines: Flat $ 400 per unit for all units excluding Alan Jay Automotive Network in Florida Units sold through Alan Jay Automotive Network in Florida will have a$ 200 flat	*

Table 14A: Depth and Breadth of Offered Equipment Products and Services

Proposers submitting a proposal in Category 1 as defined herein will be submitting in the broad category that includes all types of engines, fuel, and propulsion systems. For example, if a Proposer offers chassis and cabs with Internal Combustion Engines (ICE) as well as chassis and cabs with electric propulsion systems the Proposer should designate it is seeking an award in Category 1 **only**. Proposers seeking an award in Category 2, as defined herein, must include at least one solution offered within the scope of Category 2 for electric propulsion systems **only**.

Line Item	Category Selection *	
69	Category 1: All engines, fuel, and propulsion type chassis and cabs	*

Table 14B: Depth and Breadth of Offered Equipment Products and Services

Line Item	Question	Response *	
70	Provide a detailed description of the equipment, products, and services that you are offering in your proposal.	15 Manufacturers totaling 200 makes and models ranging from Class 4 to Class 8 Cab an Chassis and trucks. With available Upfits to be added ranging from tool boxes to Line Mechanics Bodies. Any and all upfits can be added to our chassis cabs either by our upfit partner supplier or by a members upfit supplier working with NAFG to provide a Turn Key Quote.	*
71	Within this RFP category there may be subcategories of solutions. List subcategory titles that best describe your products and services.	NAFG Lists all makes and models in each ZIP file under ZIP File “All 15 Manufacturers” representing a combined hundred’s makes and model/engine combinations for members to choose from along with a subtitle “Upfits” detailed in the price file.	
72	Describe any manufacturing processes or materials utilized that contribute to chassis strength, cab strength, overall durability, driver safety.	Leading materials are used by the OEM's daily to safely supply all members with the best on the market place for each OEM.	
73	Describe any differentiating serviceability attributes (remote diagnostics, etc.) your proposal offers.	Each OEM has there own unique attribute that all cater and serve the members.	

Table 15: Category 1 - Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Proposers submitting a proposal in Category 1 will be submitting in the broad category that includes all types of engines, fuel, and propulsion systems. See RFP Section II. B. 1 for details.

☐ We will not be submitting for Table 15: Category 1 - Depth and Breadth of Offered Equipment Products and Services

Line Item	Category or Type	Offered *	Chassis Type (ICE and/or BEV)	Comments	
74	Class 4 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
75	Class 5 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
76	Class 6 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
77	Class 7 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
78	Class 8 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
79	Related equipment, accessories, parts, upfitting, services, used chassis and Class 3 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class. All upfitting is available and outlined in the pricing summary.	

Table 16: Category 2 - Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Proposers seeking an award in Category 2, as defined herein, must include at least one solution offered within the scope of Category 2 for electric propulsion systems **only**. See RFP Section II. B. 1 for details.

☑ We will not be submitting for Table 16: Category 2 - Depth and Breadth of Offered Equipment Products and Services

Line Item	Category or Type	Offered *	Comments	
80	Battery Electric Vehicle (BEV) Class 4 Chassis	○ Yes ○ No		*
81	Battery Electric Vehicle (BEV) Class 5 Chassis	○ Yes ○ No		*
82	Battery Electric Vehicle (BEV) Class 6 Chassis	○ Yes ○ No		*
83	Battery Electric Vehicle (BEV) Class 7 Chassis	○ Yes ○ No		*
84	Battery Electric Vehicle (BEV) Class 8 Chassis	○ Yes ○ No		*
85	Related equipment, accessories, parts, upfitting, services, used chassis and Class 3 chassis	○ Yes ○ No		

Table 17: Exceptions to Terms, Conditions, or Specifications Form

Line Item 86. NOTICE: To identify any exception, or to request any modification, to Sourcewell standard Contract terms, conditions, or specifications, a Proposer must submit the proposed exception(s) or requested modification(s) via redline in the Contract Template provided in the "Bid Documents" section. Proposer must upload the redline in the "Requested Exceptions" upload field. All exceptions and/or proposed modifications are subject to review and approval by Sourcewell and will not automatically be included in the Contract.

Do you have exceptions or modifications to propose?	Acknowledgement *
	○ Yes ◉ No

Documents

Ensure your submission document(s) conforms to the following:

1. Documents in PDF format are preferred. Documents in Word, Excel, or compatible formats may also be provided.

2. Documents should NOT have a security password, as Sourcewell may not be able to open the file. It is your sole responsibility to ensure that the uploaded document(s) are not either defective, corrupted or blank and that the documents can be opened and viewed by Sourcewell.

3. Sourcewell may reject any response where any document(s) cannot be opened and viewed by Sourcewell.

4. If you need to upload more than one (1) document for a single item, you should combine the documents into one zipped file. If the zipped file contains more than one (1) document, ensure each document is named, in relation to the submission format item responding to. For example, if responding to the Marketing Plan category save the document as "Marketing Plan."

- Pricing - NAFG Price File 032824.zip - Wednesday March 27, 2024 16:08:51
- Financial Strength and Stability - Financial Strength and Market Stability 032824.zip - Tuesday March 26, 2024 21:32:50
- Marketing Plan/Samples - 032824 NAFG Marketing Plan.zip - Tuesday March 26, 2024 21:30:53
- WMBE/MBE/SBE or Related Certificates - Insurance and Realted Certificated 032824.zip - Tuesday March 26, 2024 21:33:17
- Warranty Information - Warranty Information 032824.zip - Tuesday March 26, 2024 21:42:37
- Standard Transaction Document Samples - 032824 Standard Transaction Document.zip - Wednesday March 27, 2024 13:28:58
- Requested Exceptions (optional)
- Upload Additional Document - 032824 Uploaded ALL 15 MANUFACTURED MODEL's and ELECTIRC SPEC's.zip - Wednesday March 27, 2024 01:25:13

Addenda, Terms and Conditions

PROPOSER AFFIDAVIT AND ASSURANCE OF COMPLIANCE

I certify that I am the authorized representative of the Proposer submitting the foregoing Proposal with the legal authority to bind the Proposer to this Affidavit and Assurance of Compliance:

1. The Proposer is submitting this Proposal under its full and complete legal name, and the Proposer legally exists in good standing in the jurisdiction of its residence.
2. The Proposer warrants that the information provided in this Proposal is true, correct, and reliable for purposes of evaluation for contract award.
3. The Proposer, including any person assisting with the creation of this Proposal, has arrived at this Proposal independently and the Proposal has been created without colluding with any other person, company, or parties that have or will submit a proposal under this solicitation; and the Proposal has in all respects been created fairly without any fraud or dishonesty. The Proposer has not directly or indirectly entered into any agreement or arrangement with any person or business in an effort to influence any part of this solicitation or operations of a resulting contract; and the Proposer has not taken any action in restraint of free trade or competitiveness in connection with this solicitation. Additionally, if Proposer has worked with a consultant on the Proposal, the consultant (an individual or a company) has not assisted any other entity that has submitted or will submit a proposal for this solicitation.
4. To the best of its knowledge and belief, and except as otherwise disclosed in the Proposal, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest. An organizational conflict of interest exists when a vendor has an unfair competitive advantage or the vendor's objectivity in performing the contract is, or might be, impaired.
5. The contents of the Proposal have not been communicated by the Proposer or its employees or agents to any person not an employee or legally authorized agent of the Proposer and will not be communicated to any such persons prior to Due Date of this solicitation.
6. If awarded a contract, the Proposer will provide to Sourcewell Participating Entities the equipment, products, and services in accordance with the terms, conditions, and scope of a resulting contract.
7. The Proposer possesses, or will possess before delivering any equipment, products, or services, all applicable licenses or certifications necessary to deliver such equipment, products, or services under any resulting contract.
8. The Proposer agrees to deliver equipment, products, and services through valid contracts, purchase orders, or means that are acceptable to Sourcewell Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to Sourcewell Members under an awarded Contract.
9. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.
10. The Proposer understands that Sourcewell will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statutes Section 13.591, subdivision 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals become public data. Minnesota Statutes Section 13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.
11. Proposer its employees, agents, and subcontractors are not:
    1. Included on the "Specially Designated Nationals and Blocked Persons" list maintained by the Office of Foreign Assets Control of the United States Department of the Treasury found at: https://www.treasury.gov/ofac/downloads/sdnlist.pdf;
    2. Included on the government-wide exclusions lists in the United States System for Award Management found at: https://sam.gov/SAM/; or
    3. Presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this solicitation.

☑ By checking this box I acknowledge that I am bound by the terms of the Proposer's Affidavit, have the legal authority to submit this Proposal on behalf of the Proposer, and that this electronic acknowledgment has the same legal effect, validity, and enforceability as if I had hand signed the Proposal. This signature will not be denied such legal effect, validity, or enforceability solely because an electronic signature or electronic record was used in its formation. - Jesse Cooper, National Fleet Manager, 72 Hour LLC, DBA National Auto Fleet Group

The Proposer declares that there is an actual or potential Conflict of Interest relating to the preparation of its submission, and/or the Proposer foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the bid.

○ **Yes** ◉ **No**

The Bidder acknowledges and agrees that the addendum/addenda below form part of the Bid Document.

Check the box in the column "**I have reviewed this addendum"** below to acknowledge each of the addenda.

File Name	I have reviewed the below addendum and attachments (if applicable)	Pages
Addendum_7_Class 4-8 Chassis and Cabs _RFP_032824 Thu March 21 2024 08:45 AM	☑	1
Addendum_6_Class 4-8 Chassis and Cabs _RFP_032824 Wed March 20 2024 12:36 PM	☑	3
Addendum_5_Class 4-8 Chassis and Cabs _RFP_032824 Mon March 18 2024 12:01 PM	☑	1
Addendum_4_Class 4-8 Chassis and Cabs _RFP_032824 Wed March 6 2024 09:38 AM	☑	1
Addendum_3_Class 4-8 Chassis and Cabs _RFP_032824 Wed February 21 2024 04:08 PM	☑	2
Addendum_2_Class 4-8 Chassis and Cabs _RFP_032824 Wed February 14 2024 04:12 PM	☑	1
Addendum_1_Class 4-8 Chassis and Cabs _RFP_032824 Thu February 8 2024 04:24 PM	☑	1

National Auto Fleet Group

A Division of Chevrolet of Watsonville
490 Auto Center Drive, Watsonville, CA 95076
(855) 289-6572 Office • (831) 480-8497 Fax
Fleet@NationalAutoFleetGroup.com

National Auto Fleet Group contract #091521-NAF pricing utilizes a percentage off MSRP/List. National Auto Fleet Group offers pricing discounts ranging from 24.45% down to 6.14% across 15 manufacturers depending on the model. All vehicles can come with or without up-fitting from our national supplier or your local up fitter. Inquire within.

Pricing can be obtained using two methods:

1. Online ordering process using www.NationalAutoFleetGroup.com. Once the Sourcewell member registers on the NAFG website, they then can build the desired vehicle to their specifications. The member then builds the vehicle and obtains an online quote for that specific vehicle.
   **Sourcewell pricing is built right into the NAFG site.*
2. The Sourcewell member can also reach out to National Auto Fleet Group directly (1-855-289-6572) to have an associate help guide your agency with the appropriate vehicles to fit your need.

Jesse Cooper

National Auto Fleet Group

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CONTRACT EXTENSION

Contract Number: 091521-NAF

Sourcewell
202 12th Street Northeast
P.O. Box 219
Staples, MN 56479
(Sourcewell)

and

National Auto Fleet
490 Auto Center Dr

Watsonville, California
(Vendor)
95076-3726

have entered into Contract Number: 091521-NAF
for the procurement of: Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories

The Contract has an expiration date of 2025-11-08 , but the parties may extend the Contract by mutual consent.

Sourcewell and Vendor acknowledge that extending the Contract benefits the Vendor, Sourcewell and Sourcewell's Members. Vendor and Sourcewell agree to extend the Contract listed above for an additional period, with a new Contract expiration date of 2026-11-08 . All other terms and conditions of the Contract remain in full force and effect.

Sourcewell

Signed by:
Jeremy Schwartz
C0FD2A139D06489...
Authorized Signature

Jeremy Schwartz
Name

Chief Operating and Procurement Officer
Title

5/29/2025 | 12:25 PM CDT
Date

Signed by:
FACBB5730C1E467...
Authorized Signature

Jesse Cooper
Name

Fleet Manager
Title

5/30/2025 | 10:38 AM CDT
Date

DocuSign Envelope ID: CF25B13B-7B09-48BC-B85D-F1A7A7104FDA

Sourcewell

Solicitation Number: RFP #091521

CONTRACT

This Contract is between Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 (Sourcewell) and 72 Hour LLC dba: National Auto Fleet Group, 490 Auto Center Drive, Watsonville, CA 95076 (Supplier).

Sourcewell is a State of Minnesota local government unit and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to eligible federal, state/province, and municipal governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada. Sourcewell issued a public solicitation for Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories from which Supplier was awarded a contract.

Supplier desires to contract with Sourcewell to provide equipment, products, or services to Sourcewell and the entities that access Sourcewell's cooperative purchasing contracts (Participating Entities).

1. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract is effective upon the date of the final signature below.

B. EXPIRATION DATE AND EXTENSION. This Contract expires November 8, 2025, unless it is cancelled sooner pursuant to Article 22. This Contract may be extended one additional year upon the request of Sourcewell and written agreement by Supplier.

C. SURVIVAL OF TERMS. Notwithstanding any expiration or termination of this Contract, all payment obligations incurred prior to expiration or termination will survive, as will the following: Articles 11 through 14 survive the expiration or cancellation of this Contract. All rights will cease upon expiration or termination of this Contract.

2. EQUIPMENT, PRODUCTS, OR SERVICES

A. EQUIPMENT, PRODUCTS, OR SERVICES. Supplier will provide the Equipment, Products, or Services as stated in its Proposal submitted under the Solicitation Number listed above.

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Supplier's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract.

All Equipment and Products provided under this Contract must be new and the current model. Supplier may offer close-out or refurbished Equipment or Products if they are clearly indicated in Supplier's product and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

This Contract offers an indefinite quantity of sales, and while substantial volume is anticipated, sales and sales volume are not guaranteed.

B. WARRANTY. Supplier warrants that all Equipment, Products, and Services furnished are free from liens and encumbrances, and are free from defects in design, materials, and workmanship. In addition, Supplier warrants the Equipment, Products, and Services are suitable for and will perform in accordance with the ordinary use for which they are intended. Supplier's dealers and distributors must agree to assist the Participating Entity in reaching a resolution in any dispute over warranty terms with the manufacturer. Any manufacturer's warranty that extends beyond the expiration of the Supplier's warranty will be passed on to the Participating Entity.

C. DEALERS, DISTRIBUTORS, AND/OR RESELLERS. Upon Contract execution and throughout the Contract term, Supplier must provide to Sourcewell a current means to validate or authenticate Supplier's authorized dealers, distributors, or resellers relative to the Equipment, Products, and Services offered under this Contract, which will be incorporated into this Contract by reference. It is the Supplier's responsibility to ensure Sourcewell receives the most current information.

3. PRICING

All Equipment, Products, or Services under this Contract will be priced at or below the price stated in Supplier's Proposal.

When providing pricing quotes to Participating Entities, all pricing quoted must reflect a Participating Entity's total cost of acquisition. This means that the quoted cost is for delivered Equipment, Products, and Services that are operational for their intended purpose, and includes all costs to the Participating Entity's requested delivery location.

Regardless of the payment method chosen by the Participating Entity, the total cost associated with any purchase option of the Equipment, Products, or Services must always be disclosed in the pricing quote to the applicable Participating Entity at the time of purchase.

A. SHIPPING AND SHIPPING COSTS. All delivered Equipment and Products must be properly packaged. Damaged Equipment and Products may be rejected. If the damage is not readily apparent at the time of delivery, Supplier must permit the Equipment and Products to be

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returned within a reasonable time at no cost to Sourcewell or its Participating Entities. Participating Entities reserve the right to inspect the Equipment and Products at a reasonable time after delivery where circumstances or conditions prevent effective inspection of the Equipment and Products at the time of delivery. In the event of the delivery of nonconforming Equipment and Products, the Participating Entity will notify the Supplier as soon as possible and the Supplier will replace nonconforming Equipment and Products with conforming Equipment and Products that are acceptable to the Participating Entity.

Supplier must arrange for and pay for the return shipment on Equipment and Products that arrive in a defective or inoperable condition.

Sourcewell may declare the Supplier in breach of this Contract if the Supplier intentionally delivers substandard or inferior Equipment or Products.

B. SALES TAX. Each Participating Entity is responsible for supplying the Supplier with valid tax-exemption certification(s). When ordering, a Participating Entity must indicate if it is a tax-exempt entity.

C. HOT LIST PRICING. At any time during this Contract, Supplier may offer a specific selection of Equipment, Products, or Services at discounts greater than those listed in the Contract. When Supplier determines it will offer Hot List Pricing, it must be submitted electronically to Sourcewell in a line-item format. Equipment, Products, or Services may be added or removed from the Hot List at any time through a Sourcewell Price and Product Change Form as defined in Article 4 below.

Hot List program and pricing may also be used to discount and liquidate close-out and discontinued Equipment and Products as long as those close-out and discontinued items are clearly identified as such. Current ordering process and administrative fees apply. Hot List Pricing must be published and made available to all Participating Entities.

4. PRODUCT AND PRICING CHANGE REQUESTS

Supplier may request Equipment, Product, or Service changes, additions, or deletions at any time. All requests must be made in writing by submitting a signed Sourcewell Price and Product Change Request Form to the assigned Sourcewell Supplier Development Administrator. This approved form is available from the assigned Sourcewell Supplier Development Administrator. At a minimum, the request must:

- Identify the applicable Sourcewell contract number;
- Clearly specify the requested change;
- Provide sufficient detail to justify the requested change;

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- Individually list all Equipment, Products, or Services affected by the requested change, along with the requested change (e.g., addition, deletion, price change); and
- Include a complete restatement of pricing documentation in Microsoft Excel with the effective date of the modified pricing, or product addition or deletion. The new pricing restatement must include all Equipment, Products, and Services offered, even for those items where pricing remains unchanged.

A fully executed Sourcewell Price and Product Change Request Form will become an amendment to this Contract and will be incorporated by reference.

5. PARTICIPATION, CONTRACT ACCESS, AND PARTICIPATING ENTITY REQUIREMENTS

A. PARTICIPATION. Sourcewell's cooperative contracts are available and open to public and nonprofit entities across the United States and Canada; such as federal, state/province, municipal, K-12 and higher education, tribal government, and other public entities.

The benefits of this Contract should be available to all Participating Entities that can legally access the Equipment, Products, or Services under this Contract. A Participating Entity's authority to access this Contract is determined through its cooperative purchasing, interlocal, or joint powers laws. Any entity accessing benefits of this Contract will be considered a Service Member of Sourcewell during such time of access. Supplier understands that a Participating Entity's use of this Contract is at the Participating Entity's sole convenience and Participating Entities reserve the right to obtain like Equipment, Products, or Services from any other source.

Supplier is responsible for familiarizing its sales and service forces with Sourcewell contract use eligibility requirements and documentation and will encourage potential participating entities to join Sourcewell. Sourcewell reserves the right to add and remove Participating Entities to its roster during the term of this Contract.

B. PUBLIC FACILITIES. Supplier's employees may be required to perform work at government-owned facilities, including schools. Supplier's employees and agents must conduct themselves in a professional manner while on the premises, and in accordance with Participating Entity policies and procedures, and all applicable laws.

6. PARTICIPATING ENTITY USE AND PURCHASING

A. ORDERS AND PAYMENT. To access the contracted Equipment, Products, or Services under this Contract, a Participating Entity must clearly indicate to Supplier that it intends to access this Contract; however, order flow and procedure will be developed jointly between Sourcewell and Supplier. Typically, a Participating Entity will issue an order directly to Supplier or its authorized subsidiary, distributor, dealer, or reseller. If a Participating Entity issues a purchase order, it may use its own forms, but the purchase order should clearly note the applicable Sourcewell

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contract number. All Participating Entity orders under this Contract must be issued prior to expiration or cancellation of this Contract; however, Supplier performance, Participating Entity payment obligations, and any applicable warranty periods or other Supplier or Participating Entity obligations may extend beyond the term of this Contract.

Supplier's acceptable forms of payment are included in its attached Proposal. Participating Entities will be solely responsible for payment and Sourcewell will have no liability for any unpaid invoice of any Participating Entity.

B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Supplier, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entities may require the use of a Participating Addendum; the terms of which will be negotiated directly between the Participating Entity and the Supplier. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

C. SPECIALIZED SERVICE REQUIREMENTS. In the event that the Participating Entity requires service or specialized performance requirements not addressed in this Contract (such as e-commerce specifications, specialized delivery requirements, or other specifications and requirements), the Participating Entity and the Supplier may enter into a separate, standalone agreement, apart from this Contract. Sourcewell, including its agents and employees, will not be made a party to a claim for breach of such agreement.

D. TERMINATION OF ORDERS. Participating Entities may terminate an order, in whole or in part, immediately upon notice to Supplier in the event of any of the following events:

1. The Participating Entity fails to receive funding or appropriation from its governing body at levels sufficient to pay for the equipment, products, or services to be purchased; or
2. Federal, state, or provincial laws or regulations prohibit the purchase or change the Participating Entity's requirements.

E. GOVERNING LAW AND VENUE. The governing law and venue for any action related to a Participating Entity's order will be determined by the Participating Entity making the purchase.

7. CUSTOMER SERVICE

A. PRIMARY ACCOUNT REPRESENTATIVE. Supplier will assign an Account Representative to Sourcewell for this Contract and must provide prompt notice to Sourcewell if that person is changed. The Account Representative will be responsible for:

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- Maintenance and management of this Contract;
- Timely response to all Sourcewell and Participating Entity inquiries; and
- Business reviews to Sourcewell and Participating Entities, if applicable.

B. BUSINESS REVIEWS. Supplier must perform a minimum of one business review with Sourcewell per contract year. The business review will cover sales to Participating Entities, pricing and contract terms, administrative fees, sales data reports, supply issues, customer issues, and any other necessary information.

8. REPORT ON CONTRACT SALES ACTIVITY AND ADMINISTRATIVE FEE PAYMENT

A. CONTRACT SALES ACTIVITY REPORT. Each calendar quarter, Supplier must provide a contract sales activity report (Report) to the Sourcewell Supplier Development Administrator assigned to this Contract. Reports are due no later than 45 days after the end of each calendar quarter. A Report must be provided regardless of the number or amount of sales during that quarter (i.e., if there are no sales, Supplier must submit a report indicating no sales were made).

The Report must contain the following fields:

- Participating Entity Name (e.g., City of Staples Highway Department);
- Participating Entity Physical Street Address;
- Participating Entity City;
- Participating Entity State/Province;
- Participating Entity Zip/Postal Code;
- Participating Entity Contact Name;
- Participating Entity Contact Email Address;
- Participating Entity Contact Telephone Number;
- Sourcewell Assigned Entity/Participating Entity Number;
- Item Purchased Description;
- Item Purchased Price;
- Sourcewell Administrative Fee Applied; and
- Date Purchase was invoiced/sale was recognized as revenue by Supplier.

B. ADMINISTRATIVE FEE. In consideration for the support and services provided by Sourcewell, the Supplier will pay an administrative fee to Sourcewell on all Equipment, Products, and Services provided to Participating Entities. The Administrative Fee must be included in, and not added to, the pricing. Supplier may not charge Participating Entities more than the contracted price to offset the Administrative Fee.

The Supplier will submit payment to Sourcewell for the percentage of administrative fee stated in the Proposal multiplied by the total sales of all Equipment, Products, and Services purchased

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by Participating Entities under this Contract during each calendar quarter. Payments should note the Supplier's name and Sourcewell-assigned contract number in the memo; and must be mailed to the address above "Attn: Accounts Receivable" or remitted electronically to Sourcewell's banking institution per Sourcewell's Finance department instructions. Payments must be received no later than 45 calendar days after the end of each calendar quarter.

Supplier agrees to cooperate with Sourcewell in auditing transactions under this Contract to ensure that the administrative fee is paid on all items purchased under this Contract.

In the event the Supplier is delinquent in any undisputed administrative fees, Sourcewell reserves the right to cancel this Contract and reject any proposal submitted by the Supplier in any subsequent solicitation. In the event this Contract is cancelled by either party prior to the Contract's expiration date, the administrative fee payment will be due no more than 30 days from the cancellation date.

9. AUTHORIZED REPRESENTATIVE

Sourcewell's Authorized Representative is its Chief Procurement Officer.

Supplier's Authorized Representative is the person named in the Supplier's Proposal. If Supplier's Authorized Representative changes at any time during this Contract, Supplier must promptly notify Sourcewell in writing.

10. AUDIT, ASSIGNMENT, AMENDMENTS, WAIVER, AND CONTRACT COMPLETE

A. AUDIT. Pursuant to Minnesota Statutes Section 16C.05, subdivision 5, the books, records, documents, and accounting procedures and practices relevant to this Agreement are subject to examination by Sourcewell or the Minnesota State Auditor for a minimum of six years from the end of this Contract. This clause extends to Participating Entities as it relates to business conducted by that Participating Entity under this Contract.

B. ASSIGNMENT. Neither party may assign or otherwise transfer its rights or obligations under this Contract without the prior written consent of the other party and a fully executed assignment agreement. Such consent will not be unreasonably withheld. Any prohibited assignment will be invalid.

C. AMENDMENTS. Any amendment to this Contract must be in writing and will not be effective until it has been duly executed by the parties.

D. WAIVER. Failure by either party to take action or assert any right under this Contract will not be deemed a waiver of such right in the event of the continuation or repetition of the circumstances giving rise to such right. Any such waiver must be in writing and signed by the parties.

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E. CONTRACT COMPLETE. This Contract represents the complete agreement between the parties. No other understanding regarding this Contract, whether written or oral, may be used to bind either party.For any conflict between the attached Proposal and the terms set out in Articles 1-22 of this Contract, the terms of Articles 1-22 will govern.

F. RELATIONSHIP OF THE PARTIES. The relationship of the parties is one of independent contractors, each free to exercise judgment and discretion with regard to the conduct of their respective businesses. This Contract does not create a partnership, joint venture, or any other relationship such as master-servant, or principal-agent.

11. INDEMNITY AND HOLD HARMLESS

Supplier must indemnify, defend, save, and hold Sourcewell and its Participating Entities, including their agents and employees, harmless from any claims or causes of action, including attorneys' fees incurred by Sourcewell or its Participating Entities, arising out of any act or omission in the performance of this Contract by the Supplier or its agents or employees; this indemnification includes injury or death to person(s) or property alleged to have been caused by some defect in the Equipment, Products, or Services under this Contract to the extent the Equipment, Product, or Service has been used according to its specifications. Sourcewell's responsibility will be governed by the State of Minnesota's Tort Liability Act (Minnesota Statutes Chapter 466) and other applicable law.

12. GOVERNMENT DATA PRACTICES

Supplier and Sourcewell must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by or provided to Sourcewell under this Contract and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Supplier under this Contract.

13. INTELLECTUAL PROPERTY, PUBLICITY, MARKETING, AND ENDORSEMENT

A. INTELLECTUAL PROPERTY

1. *Grant of License.* During the term of this Contract:
   a. Sourcewell grants to Supplier a royalty-free, worldwide, non-exclusive right and license to use thetrademark(s) provided to Supplier by Sourcewell in advertising and promotional materials for the purpose of marketing Sourcewell's relationship with Supplier.
   b. Supplier grants to Sourcewell a royalty-free, worldwide, non-exclusive right and license to use Supplier's trademarks in advertising and promotional materials for the purpose of marketing Supplier's relationship with Sourcewell.
2. *Limited Right of Sublicense*. The right and license granted herein includes a limited right of each party to grant sublicenses to their respective subsidiaries, distributors, dealers,

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resellers, marketing representatives, and agents (collectively "Permitted Sublicensees") in advertising and promotional materials for the purpose of marketing the Parties' relationship to Participating Entities. Any sublicense granted will be subject to the terms and conditions of this Article. Each party will be responsible for any breach of this Article by any of their respective sublicensees.

3. *Use; Quality Control.*

a. Neither party may alter the other party's trademarks from the form provided and must comply with removal requests as to specific uses of its trademarks or logos.

b. Each party agrees to use, and to cause its Permitted Sublicensees to use, the other party's trademarks only in good faith and in a dignified manner consistent with such party's use of the trademarks. Upon written notice to the breaching party, the breaching party has 30 days of the date of the written notice to cure the breach or the license will be terminated.

4. As applicable, Supplier agrees to indemnify and hold harmless Sourcewell and its Participating Entities against any and all suits, claims, judgments, and costs instituted or recovered against Sourcewell or Participating Entities by any person on account of the use of any Equipment or Products by Sourcewell or its Participating Entities supplied by Supplier in violation of applicable patent or copyright laws.

5. Termination. Upon the termination of this Contract for any reason, each party, including Permitted Sublicensees, will have 30 days to remove all Trademarks from signage, websites, and the like bearing the other party's name or logo (excepting Sourcewell's pre-printed catalog of suppliers which may be used until the next printing). Supplier must return all marketing and promotional materials, including signage, provided by Sourcewell, or dispose of it according to Sourcewell's written directions.

B. PUBLICITY. Any publicity regarding the subject matter of this Contract must not be released without prior written approval from the Authorized Representatives. Publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Supplier individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

C. MARKETING. Any direct advertising, marketing, or offers with Participating Entities must be approved by Sourcewell. Send all approval requests to the Sourcewell Supplier Development Administrator assigned to this Contract.

D. ENDORSEMENT. The Supplier must not claim that Sourcewell endorses its Equipment, Products, or Services.

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14. GOVERNING LAW, JURISDICTION, AND VENUE

The substantive and procedural laws of the State of Minnesota will govern this Contract. Venue for all legal proceedings arising out of this Contract, or its breach, must be in the appropriate state court in Todd County, Minnesota or federal court in Fergus Falls, Minnesota.

15. FORCE MAJEURE

Neither party to this Contract will be held responsible for delay or default caused by acts of God or other conditions that are beyond that party's reasonable control. A party defaulting under this provision must provide the other party prompt written notice of the default.

16. SEVERABILITY

If any provision of this Contract is found by a court of competent jurisdiction to be illegal, unenforceable, or void then both parties will be relieved from all obligations arising from that provision. If the remainder of this Contract is capable of being performed, it will not be affected by such determination or finding and must be fully performed.

17. PERFORMANCE, DEFAULT, AND REMEDIES

A. PERFORMANCE. During the term of this Contract, the parties will monitor performance and address unresolved contract issues as follows:

1. *Notification.* The parties must promptly notify each other of any known dispute and work in good faith to resolve such dispute within a reasonable period of time. If necessary, Sourcewell and the Supplier will jointly develop a short briefing document that describes the issue(s), relevant impact, and positions of both parties.
2. *Escalation.* If parties are unable to resolve the issue in a timely manner, as specified above, either Sourcewell or Supplier may escalate the resolution of the issue to a higher level of management. The Supplier will have 30 calendar days to cure an outstanding issue.
3. *Performance while Dispute is Pending*. Notwithstanding the existence of a dispute, the Supplier must continue without delay to carry out all of its responsibilities under the Contract that are not affected by the dispute. If the Supplier fails to continue without delay to perform its responsibilities under the Contract, in the accomplishment of all undisputed work, the Supplier will bear any additional costs incurred by Sourcewell and/or its Participating Entities as a result of such failure to proceed.

B. DEFAULT AND REMEDIES. Either of the following constitutes cause to declare this Contract, or any Participating Entity order under this Contract, in default:

1. Nonperformance of contractual requirements, or
2. A material breach of any term or condition of this Contract.

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The party claiming default must provide written notice of the default, with 30 calendar days to cure the default. Time allowed for cure will not diminish or eliminate any liability for liquidated or other damages. If the default remains after the opportunity for cure, the non-defaulting party may:

- Exercise any remedy provided by law or equity, or
- Terminate the Contract or any portion thereof, including any orders issued against the Contract.

18. INSURANCE

A. REQUIREMENTS. At its own expense, Supplier must maintain insurance policy(ies) in effect at all times during the performance of this Contract with insurance company(ies) licensed or authorized to do business in the State of Minnesota having an "AM BEST" rating of A- or better, with coverage and limits of insurance not less than the following:

1. *Workers' Compensation and Employer's Liability.*
Workers' Compensation: As required by any applicable law or regulation.
Employer's Liability Insurance: must be provided in amounts not less than listed below:
Minimum limits:
$500,000 each accident for bodily injury by accident
$500,000 policy limit for bodily injury by disease
$500,000 each employee for bodily injury by disease

2. *Commercial General Liability Insurance.* Supplier will maintain insurance covering its operations, with coverage on an occurrence basis, and must be subject to terms no less broad than the Insurance Services Office ("ISO") Commercial General Liability Form CG0001 (2001 or newer edition), or equivalent. At a minimum, coverage must include liability arising from premises, operations, bodily injury and property damage, independent contractors, products-completed operations including construction defect, contractual liability, blanket contractual liability, and personal injury and advertising injury. All required limits, terms and conditions of coverage must be maintained during the term of this Contract.
Minimum Limits:
$1,000,000 each occurrence Bodily Injury and Property Damage
$1,000,000 Personal and Advertising Injury
$2,000,000 aggregate for Products-Completed operations
$2,000,000 general aggregate

3. *Commercial Automobile Liability Insurance.* During the term of this Contract, Supplier will maintain insurance covering all owned, hired, and non-owned automobiles in limits of liability not less than indicated below. The coverage must be subject to terms

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no less broad than ISO Business Auto Coverage Form CA 0001 (2010 edition or newer), or equivalent.

Minimum Limits:
$1,000,000 each accident, combined single limit

4. *Umbrella Insurance*. During the term of this Contract, Supplier will maintain umbrella coverage over Employer's Liability, Commercial General Liability, and Commercial Automobile.

Minimum Limits:
$2,000,000

5. *Network Security and Privacy Liability Insurance*. During the term of this Contract, Supplier will maintain coverage for network security and privacy liability. The coverage may be endorsed on another form of liability coverage or written on a standalone policy. The insurance must cover claims which may arise from failure of Supplier's security resulting in, but not limited to, computer attacks, unauthorized access, disclosure of not public data – including but not limited to, confidential or private information, transmission of a computer virus, or denial of service.

Minimum limits:
$2,000,000 per occurrence
$2,000,000 annual aggregate

Failure of Supplier to maintain the required insurance will constitute a material breach entitling Sourcewell to immediately terminate this Contract for default.

B. CERTIFICATES OF INSURANCE. Prior to commencing under this Contract, Supplier must furnish to Sourcewell a certificate of insurance, as evidence of the insurance required under this Contract. Prior to expiration of the policy(ies), renewal certificates must be mailed to Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 or sent to the Sourcewell Supplier Development Administrator assigned to this Contract. The certificates must be signed by a person authorized by the insurer(s) to bind coverage on their behalf.

Failure to request certificates of insurance by Sourcewell, or failure of Supplier to provide certificates of insurance, in no way limits or relieves Supplier of its duties and responsibilities in this Contract.

C. ADDITIONAL INSURED ENDORSEMENT AND PRIMARY AND NON-CONTRIBUTORY INSURANCE CLAUSE. Supplier agrees to list Sourcewell and its Participating Entities, including their officers, agents, and employees, as an additional insured under the Supplier's commercial general liability insurance policy with respect to liability arising out of activities, "operations," or "work" performed by or on behalf of Supplier, and products and completed operations of Supplier. The policy provision(s) or endorsement(s) must further provide that coverage is

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primary and not excess over or contributory with any other valid, applicable, and collectible insurance or self-insurance in force for the additional insureds.

D. WAIVER OF SUBROGATION. Supplier waives and must require (by endorsement or otherwise) all its insurers to waive subrogation rights against Sourcewell and other additional insureds for losses paid under the insurance policies required by this Contract or other insurance applicable to the Supplier or its subcontractors. The waiver must apply to all deductibles and/or self-insured retentions applicable to the required or any other insurance maintained by the Supplier or its subcontractors. Where permitted by law, Supplier must require similar written express waivers of subrogation and insurance clauses from each of its subcontractors.

E. UMBRELLA/EXCESS LIABILITY/SELF-INSURED RETENTION. The limits required by this Contract can be met by either providing a primary policy or in combination with umbrella/excess liability policy(ies), or self-insured retention.

19. COMPLIANCE

A. LAWS AND REGULATIONS. All Equipment, Products, or Services provided under this Contract must comply fully with applicable federal laws and regulations, and with the laws in the states and provinces in which the Equipment, Products, or Services are sold.

B. LICENSES. Supplier must maintain a valid and current status on all required federal, state/provincial, and local licenses, bonds, and permits required for the operation of the business that the Supplier conducts with Sourcewell and Participating Entities.

20. BANKRUPTCY, DEBARMENT, OR SUSPENSION CERTIFICATION

Supplier certifies and warrants that it is not in bankruptcy or that it has previously disclosed in writing certain information to Sourcewell related to bankruptcy actions. If at any time during this Contract Supplier declares bankruptcy, Supplier must immediately notify Sourcewell in writing.

Supplier certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Supplier certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this Contract. Supplier further warrants that it will provide immediate written notice to Sourcewell if this certification changes at any time.

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21. PROVISIONS FOR NON-UNITED STATES FEDERAL ENTITY PROCUREMENTS UNDER UNITED STATES FEDERAL AWARDS OR OTHER AWARDS

Participating Entities that use United States federal grant or FEMA funds to purchase goods or services from this Contract may be subject to additional requirements including the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 C.F.R. § 200. Participating Entities may have additional requirements based on specific funding source terms or conditions. Within this Article, all references to "federal" should be interpreted to mean the United States federal government. The following list only applies when a Participating Entity accesses Supplier's Equipment, Products, or Services with United States federal funds.

A. EQUAL EMPLOYMENT OPPORTUNITY. Except as otherwise provided under 41 C.F.R. § 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. §60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 C.F.R. §, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 C.F.R. § 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." The equal opportunity clause is incorporated herein by reference.

B. DAVIS-BACON ACT, AS AMENDED (40 U.S.C. § 3141-3148). When required by federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. § 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 C.F.R. § 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-federal entity must report all suspected or reported violations to the federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 C.F.R. § 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to the federal awarding agency. Supplier must be in compliance with all applicable Davis-Bacon Act provisions.

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C. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. § 3701-3708). Where applicable, all contracts awarded by the non-federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. § 5). Under 40 U.S.C. § 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. This provision is hereby incorporated by reference into this Contract. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

D. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT. If the federal award meets the definition of “funding agreement” under 37 C.F.R. § 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 C.F.R. § 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

E. CLEAN AIR ACT (42 U.S.C. § 7401-7671Q.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. § 1251-1387). Contracts and subgrants of amounts in excess of $150,000 require the non-federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. § 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). Supplier certifies that during the term of this Contract will comply with applicable requirements as referenced above.

F. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689). A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 C.F.R. §180 that implement Executive Orders 12549 (3 C.F.R. § 1986 Comp., p. 189) and 12689 (3 C.F.R. § 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names

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of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Supplier certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

G. BYRD ANTI-LOBBYING AMENDMENT, AS AMENDED (31 U.S.C. § 1352). Suppliers must file any required certifications. Suppliers must not have used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Suppliers must disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the non-federal award. Suppliers must file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1352).

H. RECORD RETENTION REQUIREMENTS. To the extent applicable, Supplier must comply with the record retention requirements detailed in 2 C.F.R. § 200.333. The Supplier further certifies that it will retain all records as required by 2 C.F.R. § 200.333 for a period of 3 years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

I. ENERGY POLICY AND CONSERVATION ACT COMPLIANCE. To the extent applicable, Supplier must comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

J. BUY AMERICAN PROVISIONS COMPLIANCE. To the extent applicable, Supplier must comply with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must follow the applicable procurement rules calling for free and open competition.

K. ACCESS TO RECORDS (2 C.F.R. § 200.336). Supplier agrees that duly authorized representatives of a federal agency must have access to any books, documents, papers and records of Supplier that are directly pertinent to Supplier's discharge of its obligations under this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Supplier's personnel for the purpose of interview and discussion relating to such documents.

L. PROCUREMENT OF RECOVERED MATERIALS (2 C.F.R. § 200.322). A non-federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation

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and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. § 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

M. FEDERAL SEAL(S), LOGOS, AND FLAGS. The Supplier not use the seal(s), logos, crests, or reproductions of flags or likenesses of Federal agency officials without specific pre-approval.

N. NO OBLIGATION BY FEDERAL GOVERNMENT. The U.S. federal government is not a party to this Contract or any purchase by an Participating Entity and is not subject to any obligations or liabilities to the Participating Entity, Supplier, or any other party pertaining to any matter resulting from the Contract or any purchase by an authorized user.

O. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS. The Contractor acknowledges that 31 U.S.C. 38 (Administrative Remedies for False Claims and Statements) applies to the Supplier's actions pertaining to this Contract or any purchase by a Participating Entity.

P. FEDERAL DEBT. The Supplier certifies that it is non-delinquent in its repayment of any federal debt. Examples of relevant debt include delinquent payroll and other taxes, audit disallowance, and benefit overpayments.

Q. CONFLICTS OF INTEREST. The Supplier must notify the U.S. Office of General Services, Sourcewell, and Participating Entity as soon as possible if this Contract or any aspect related to the anticipated work under this Contract raises an actual or potential conflict of interest (as described in 2 C.F.R. Part 200). The Supplier must explain the actual or potential conflict in writing in sufficient detail so that the U.S. Office of General Services, Sourcewell, and Participating Entity are able to assess the actual or potential conflict; and provide any additional information as necessary or requested.

R. U.S. EXECUTIVE ORDER 13224. The Supplier, and its subcontractors, must comply with U.S. Executive Order 13224 and U.S. Laws that prohibit transactions with and provision of resources and support to individuals and organizations associated with terrorism.

S. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. To the extent applicable, Supplier certifies that during the term of this Contract it will comply with applicable requirements of 2 C.F.R. § 200.216.

T. DOMESTIC PREFERENCES FOR PROCUREMENTS. To the extent applicable, Supplier certifies that during the term of this Contract will comply with applicable requirements of 2 C.F.R. § 200.322.

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22. CANCELLATION

Sourcewell or Supplier may cancel this Contract at any time, with or without cause, upon 60 days' written notice to the other party. However, Sourcewell may cancel this Contract immediately upon discovery of a material defect in any certification made in Supplier's Proposal. Cancellation of this Contract does not relieve either party of financial, product, or service obligations incurred or accrued prior to cancellation.

Sourcewell

By: DocuSigned by: Jeremy Schwartz C0FD2A139D06489...

Jeremy Schwartz

Title: Chief Procurement Officer

Date: 11/4/2021 | 1:28 PM CDT

72 Hour LLC dba: National Auto Fleet Group

By: DocuSigned by: Jesse Cooper FACBB5730C1E467...

Jesse Cooper

Title: Fleet Manager

Date: 11/4/2021 | 10:46 AM CDT

Approved:

By: DocuSigned by: Chad Coauette 7E42B8F817A64CC...

Chad Coauette

Title: Executive Director/CEO

Date: 11/4/2021 | 1:34 PM CDT

RFP 091521 - Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories

Vendor Details

Company Name:	72 HOUR LLC
Does your company conduct business under any other name? If yes, please state:	National Auto Fleet Group
Address:	490 Auto Center Drive Watsonville, CA 95076
Contact:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Phone:	951-440-0585
Fax:	831-840-8497
HST#:	263297677

Submission Details

Created On:	Tuesday August 24, 2021 16:34:10
Submitted On:	Tuesday September 14, 2021 14:10:21
Submitted By:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Transaction #:	d2e890de-e761-4f47-9b23-bef3d512bd76
Submitter's IP Address:	76.81.241.2

Specifications

Table 1: Proposer Identity & Authorized Representatives

General Instructions (applies to all Tables) Sourcewell prefers a brief but thorough response to each question. Do not merely attach additional documents to your response without also providing a substantive response. Do not leave answers blank; respond "N/A" if the question does not apply to you (preferably with an explanation).

Line Item	Question	Response *	
1	Proposer Legal Name (one legal entity only): (In the event of award, will execute the resulting contract as "Supplier")	72 Hour LLC	*
2	Identify all subsidiary entities of the Proposer whose equipment, products, or services are included in the Proposal.	WCAF, LLC WCDJR, LLC Alan Jay Automotive Inc	*
3	Identify all applicable assumed names or DBA names of the Proposer or Proposer's subsidiaries in Line 1 or Line 2 above.	NAFG has numerous subsidiaries and DBA's including but not limited to: National Auto Fleet Group, Chevrolet of Watsonville, Watsonville Ford Watsonville CDJR Watsonville Fleet Group Alan Jay Chrysler Jeep Inc Alan Jay Chevrolet, Cadillac Alan Jay Buick, GMC Alan Jay Auto Outlet Clewiston Motor Company, Inc Alan Jay Chrysler Dodge Ram Jeep Alan Jay Lincoln Alan Jay Ford Alan Jay Nissan Alan Jay Toyota	*
4	Proposer Physical Address:	490 Auto Center Drive Watsonville, CA 95076	*
5	Proposer website address (or addresses):	www.NationalAutoFleetGroup.com	*
6	Proposer's Authorized Representative (name, title, address, email address & phone) (The representative must have authority to sign the "Proposer's Assurance of Compliance" on behalf of the Proposer and, in the event of award, will be expected to execute the resulting contract):	Jesse Cooper Fleet Manager 1-855-289-6572 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com	*
7	Proposer's primary contact for this proposal (name, title, address, email address & phone):	Jesse Cooper Fleet Manager 1-855-289-6572 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com	*
8	Proposer's other contacts for this proposal, if any (name, title, address, email address & phone):	Clarke Cooper Fleet Manger 1-855-289-6572 490 Auto Center Drive Watsonville, CA 95076 ClarkeCooper@watsonvillefleetgroup.com	

Table 2: Company Information and Financial Strength

Line Item	Question	Response *	

9	Provide a brief history of your company, including your company's core values, business philosophy, and industry longevity related to the requested equipment, products or services.	National Auto Fleet Group started as a new division of 72 Hour LLC, in the summer of 2010 in the heart of Southern California. We began our network with a single automobile dealership and have now grown our network to encompass numerous dealerships located in and outside of California. We stand by providing opportunities for advancement by hiring and promoting from within our organization. Many of the Fleet Managers who started with us in 2010 are still with us today. Through the years, we have evolved and adapted to the new technology driven trends that are revolutionizing the automotive industry today. However, our brand's fundamental core values have remained unchanged – We are committed to do right for the members. If we take care of them, they will in return take care of us. National Auto Fleet Group's operational blueprint and business philosophy has always been the "4 RIGHT's" for every member: We deliver the RIGHT vehicle, at the RIGHT time, to the RIGHT place at the RIGHT price. The integrity of our business stems on our deep family roots in the automotive industry. We are and always will be family owned and operated with our future generations already in their infant stages today. We are committed to pioneering our industry for decades to come.	*
10	What are your company's expectations in the event of an award?	If awarded, this would be our 5th Sourcewell Contract and we would execute as such. We will continue to serve your members and provide them with excellent customer service while continuing to advance customer satisfaction. Along with implementing new business growth strategies that will ultimately launch us into new heights once again. Furthermore, we will launch our Partner Program detailed in the attached "marketing Plan Compressed" Zip file. This next generation application will give members the power to select upfitters they would like NAFG to partner with in providing satisfactory quotes and service. We see tremendous value in building out these mutually beneficial partnerships, so we can provide 100% satisfactory turnkey solutions to the members.	*
11	Demonstrate your financial strength and stability with meaningful data. This could include such items as financial statements, SEC filings, credit and bond ratings, letters of credit, and detailed reference letters. Upload supporting documents (as applicable) in the document upload section of your response.	To demonstrate NAFG's financial strength and stability, we have uploaded Bank Commitment letters under the Financial Strength Section of the online application. We have a direct line of credit of $52,000,00.00 that we are currently utilizing with our current and past Sourcewell Contracts. However, this number is not capped as we have the freedom to extend the cap to accommodate the revolving needs of the members. Referenced below is a short register of some of our market success from awarded government contracts that encompass over $140,000,000.00 worth of products and goods under our current Sourcewell Contract. A. City of San Diego, CA $ 72,000,000 contract under our Sourcewell Contract 120716-NAF. B. City of San Diego, CA $ 55,400,000 contract under our Sourcewell Contract 081716-NAF. C. Government Fleet Article Highlighting our transaction with the City of San Diego, CA procuring over 100 Police vehicles through NAFG Sourcewell Contract 120716-NAF. D. City of Los Angeles World Airports, CA Contract for $ 24,003,500 under Sourcewell Contract 120716-NAF for the procurement of 400 vehicles. E. City of Los Angeles Harbor, CA Contract Extension to $ 4,500,000 contract under Sourcewell Contract 120716-NAF. F. City of Los Angeles Harbor, CA Contract for $1,500,000 under our Sourcewell Contract 120716-NAF. G. City of Los Angeles Harbor, CA Renewal for another $ 1,500,000 under Sourcewell Contract Class 6, 7 and 8 Contract 081716-NAF. H. City of Costa Mesa, CA Contract $1,023,220 under our Sourcewell Contract 120716-NAF. I. Blanket Contracts with the State of Maryland, MD off our current Class 6, 7 and 8 Chassis Contract 081716-NAF. J. Blanket Contracts with the State of Maryland, MD off our Current Sourcewell Contract 120716-NAF. We have also attached our Commitment Letter's for unparallel support from leading nationally recognized upfit suppliers such The Knapheide Manufacturing Company. Along with regional suppliers such as Brand FX and Phenix Truck Body located in Southern California serve as regional support locations, whom we often work alongside to fulfill all member needs with past, present, and future orders with NAFG. Included are also Upfitter Recommendation letters to illustrate how National Auto Fleet Group has taken a proactive interest in building mutually beneficial relationship with our upfitters. Mutuality and reciprocity relationships between body companies and our dealer's are two of the key components that help members receive what they need in a smooth and efficient fashion. In addition, the adoption of our Class 6, 7, and 8 Contract from Anne Arundel County in the state of Maryland is as an example of how National Auto Fleet Group attracts and retains new clients by demonstrating to them there's a better and more efficient way of finding turnkey solutions. Lastly, we have attached supporting documents that help emphasize and exemplify our growth since our first awarded Sourcewell Contract in 2012. We sincerely hope it helps portray our commitment to building lifelong rapport and trust with our partner upfitters and members.	*
12	What is your US market share for the solutions that you are proposing?	. Of our respective brands and OEM's we represent, the US market share is estimated to be 60 – 75%.	*
13	What is your Canadian market share for the solutions that you are proposing?	It is difficult to estimate the market share for the brands and OEM's we represent, however we estimate that it should be the same 60 -75 % of the US share.	*
14	Has your business ever petitioned for bankruptcy protection? If so, explain in detail.	No.	*

15	How is your organization best described: is it a manufacturer, a distributor/dealer/reseller, or a service provider? Answer whichever question (either a) or b) just below) best applies to your organization. a) If your company is best described as a distributor/dealer/reseller (or similar entity), provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? b) If your company is best described as a manufacturer or service provider, describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?	National Auto Fleet Group is a dealer network best categorized as “A” - Distributer/Dealer/Reseller and Dealer Partner for (15) OEM Manufacturers including Ford Motor Company, Chevrolet, RAM, GMC, Buick, Chrysler, Dodge, Jeep, Toyota, Nissan, KIA, BMW, Honda, Cadillac and Volkswagen, All orders are placed with the franchised dealer and ultimately titled directly to the member. All appropriate certification certificates and authorized DMV/Factory licenses may be found in the “Related Certification” section uploaded to this RFP. It should be noted we do not sell used equipment to members.	*
16	If applicable, provide a detailed explanation outlining the licenses and certifications that are both required to be held, and actually held, by your organization (including third parties and subcontractors that you use) in pursuit of the business contemplated by this RFP.	Required licenses include a Dealer’s License, a Franchise issued by the Manufacture, a Department of Motor Vehicles License, as well as a Reseller’s permit license. All which NAFG and Dealer Partner’s hold. Please review our attachment documents in section “Related Certification” for licenses that we either solely own or are jointly owned by our partner dealers that pertain to this RFP. A list of all our licenses are below, some of which may not pertain to class 1-3 but to class 4-8. CA Certificate of Good Standing 200824810190 State of Florida License Certificates: VF/1000974/4 VF/1000950/1 VF/1046516/1 VF/1024619/2 VF/1024619/1 VF/1018615/1 VF/1021891/1 VF/1000974/3 VF/1105916/1 VF/1020705/1 VF/1000969/1 CA State Seller’s Permit 101-135239 CA State Seller’s Permit 245364864-00001 Department of Motor Vehicle, Vehicle Dealer/ License Number 97772 Department of Motor Vehicle, Vehicle Dealer License Number 97771 Department of Motor Vehicle, Vehicle Dealer License Number 43609 Bureau of Automotive repair Registration # ARD00296319 123120 CA State Seller’s Permit 232781952-00001 City of Watsonville Business License Number 1792 City of Watsonville Business License Number 4358 Fictitious Business Names from Santa Cruz County for National Auto Fleet Group FBN: 2017-0000138 California General Resale Certificate Dun & Bradstreet Number: 023680653 Government of The District of Columbia Certificate Government of the District of Columbia Tax Registration # 7815888160711 City of Los Angeles Tax Registration Government of The District of Columbia CLEAN HANDS CERTIFICATION San Diego Freightliner Seller’s Permit Commonwealth of Virginia State Corporation Commission Certificate State of Maryland Good Standing Certificate Kansas Department of Revenue for Kansas City Peterbilt New Jersey Department of Treasury Registration Certificate New Jersey Business Registration Notice of Compliance of the Canton City Codified Ordinance Employee Information Report for the State of New Jersey State of Maryland New Sales and Use tax License CA State Seller’s Permit 98-037902 00006 South Carolina Department of Motor Vehicles License Number 36133 State of South Carolina Retail License Commonwealth of Kentucky Vehicle Dealer License 1583 20 100 State of West Virginia Dealer License Commonwealth of Kentucky Vehicle Dealer License 1581 20 036 State of Tennessee Vehicle Dealer License	*
17	Provide all “Suspension or Debarment” information that has applied to your organization during the past ten years.	Not Applicable, none.	*

Table 3: Industry Recognition & Marketplace Success

Line Item	Question	Response *	
18	Describe any relevant industry awards or recognition that your company has received in the past five years	National Auto Fleet Group's received its most prestigious award for Top Placement within Ford Motor Company as the leading dealership in Government Sales. In addition, our Chevrolet brand was highly ranked and honored 4/5 consecutive years by General Motors.	*
19	What percentage of your sales are to the governmental sector in the past three years	Within our fleet division, 90% of our contracts within the past three years have been with government accounts.	*
20	What percentage of your sales are to the education sector in the past three years	Within the past 3 years 90% of our sales have been to government accounts, 20% of which are within the education sector.	*
21	List any state, provincial, or cooperative purchasing contracts that you hold. What is the annual sales volume for each of these contracts over the past three years?	We hold the State of California contract with volumes from 200 to 500 units a year over the past three years. In addition, our Sourcewell Contract's 091219, 081716 and 120716 that we have maintained over the past three years has sold combined north of 400 million of Combined Quarterly Sales.	*
22	List any GSA contracts or Standing Offers and Supply Arrangements (SOSA) that you hold. What is the annual sales volume for each of these contracts over the past three years?	National Auto Fleet Group's focus lies on the Sourcewell Contract. NAFG holds no other GSA contract, Standing Offers, or Supply Arrangements other than the State of California contract. Our annual sales volume is estimated to be north of $200 million.	*

Table 4: References/Testimonials

Line Item 23. Supply reference information from three customers who are eligible to be Sourcewell participating entities.

Entity Name *	Contact Name *	Phone Number *	
Port of Los Angeles, CA	Mr. Dave Comer	310-72-3794	*
County of Venture, CA	Mr. Jorge Bnilla	805-672-2044	*
City of Austin, TX	Mr. Matt Sager	512-978-2637	*
County of San Joaquin, CA	Mr. David Myers	209-468-9745	
City of Palo Alto, CA	Ms. Danitra Bahlman	650-496-5920	

Table 5: Top Five Government or Education Customers

Line Item 24. Provide a list of your top five government, education, or non-profit customers (entity name is optional), including entity type, the state or province the entity is located in, scope of the project(s), size of transaction(s), and dollar volumes from the past three years.

Entity Name	Entity Type *	State / Province *	Scope of Work *	Size of Transactions *	Dollar Volume Past Three Years *	
City of Austin	Government	Texas - TX	Purchaser	10-15 Vehicles at once, Vans and SUVs	Over 1M	*
Los Angeles Department of Water and Power	Government	California - CA	Purchaser	Over 120 Vehicles, Vans and SUVs	Over 3M	*
Port of Los Angeles	Government	California - CA	Purchaser	Over 80 Trucks, Vans and SUVs	Over 2M	*
Anne Arundel County	Government	Maryland - MD	Purchaser	Over 40 Trucks, Vans and SUVs	Over 1M	*
City of San Diego	Government	California - CA	Purchaser	Over 500 Trucks, Vans, SUV'	Over 15M	*

Table 6: Ability to Sell and Deliver Service

Describe your company's capability to meet the needs of Sourcewell participating entities across the US and Canada, as applicable. Your response should address in detail at least the following areas: locations of your network of sales and service providers, the number of workers (full-time equivalents) involved in each sector, whether these workers are your direct employees (or employees of a third party), and any overlap between the sales and service functions.

Line Item	Question	Response *	
25	Sales force.	Our sales force consists of direct and an indirect sales force. Our direct sales force consists of direct employees and partner dealers, which exceeds an employee count of 300 personnel both full time and part time. Many of our sales force are spread across the US and we leverage our relationships with our larger class dealerships to service the members lower class vehicle needs as well. A cross sales force. These individuals help support our dealerships and NAFG Fleet Division directly. On the other hand, our indirect sales force made up of upfitters and partner suppliers consists of over 100 personnel with our partner network and sales force growing annually. With both direct and indirect sales force staff working together, NAFG has been able to successfully grow, maintain and service the demand of the members. As the number of your members grow, we will continuously welcome more staff to not only meet customer demand, but also to exceed customer expectations.	*

26	Dealer network or other distribution methods.	Our franchise network in Canada and the U.S. is fortunately second to none. Our 15 proposed OEMS previously mentioned, all of which have established a presence nationwide with factory stores strategically placed where all members can receive service and complete warranty repairs with their respective products. Simple put the North American and Canadian automobile supply chain network is one of the best in the world. Of the 15 brands we represent, the OEMs have put in place a dealer network across all 50 states that will allow us to best serve all members.	*
27	Service force.	The 15 manufactures we represent have thousands of service locations that would be easily accessible to all your members. Service centers and warranty repair facilities for all 15 OEMs are ample and ready to help service our members and their needs. However, Alaska and Hawaii may be exceptions as they may have farther distances between franchises where members can utilize the repair services.	*
28	Describe the ordering process. If orders will be handled by distributors, dealers or others, explain the respective roles of the Proposer and others.	The member may order their vehicles by navigating to our website, www.NationalAutoFleetGroup.com and going through the step-by-step process to generate an online quote or by calling one of our representatives at 855-289-6572 or by sending NAFG an email at Fleet@NationalAutoFleetGroup.com. Orders are then processed directly to the manufacturer who will work to supply the vehicle to the ship-to location for upfittinig or end user desired delivery location.	*
29	Describe in detail the process and procedure of your customer service program, if applicable. Include your response-time capabilities and commitments, as well as any incentives that help your providers meet your stated service goals or promises.	To best demonstrate our Customer Service program, kindly reference the ZIP file “Member Walk Through” that is attached in the Additional Documents folder. Please begin with and review in order that is explained below: How Members Can Get Quotes Online: A member can obtain most quotes by visiting our website www.NationalAutoFleetGroup.com where a simple one step form is needed for registration. This is to protect the price information from nonmembers. Once a member registers they will receive an automated welcome email with a demo video on how to use our site. Members will gain access to there very own dashboard which will house all there quotes in one safe secure login. Member’s can select which brand they are looking for and model year. Our site shows all the categories the brand offers such as: Cars, Vans, SUV’s Trucks and Chassis Cabs. Members will then be able to drill down for the right selection by picking from the filter menu of what cab there looking for (Regular, Extended or Crew) to 2 wheel or 4 wheel drive down to the bed length there looking for. All factory options are then presented for the member to select from, this will show all current factory orderable options, taking the guess work out for the member. Once a member selects a desire build, they will see there Sourcewell Price report showing the MSRP, there contract price, the saving in real dollars and as a percentage. In the PDF example you can see a saving of $ 9,175.96 of 22.345% to the member showing a significant savings. Members then can chose to add extra’s to there order like extra keys’ service manuals, sales tax and even request an upfit to be added to there quote. Lastly they will be given a complete turn key quote package to print which will include there customized Quote ID, Description and Specifications of what they built. How Members and Upfitters can Partner with NAFG: Our dedicated website www.NAFGPartner.com was built to accommodate the member who would like a certain upfitter to upfit there vehicles. It was also built for upfitters to have a place to go where they can find information on how to partner with NAFG to better serve there local members. Example of A Member with Upfit Quote: This is an example of how we use our Cab Chassis and combine them with an upfit to provide a turnkey solution for the member in a simple to follow format. ETA System for Members Walk Through: This is where members can easily come to our website, the same website they built there chassis on and track there order like they would a UPS package. We have a very simple display on our homepage “Track your order” where members can enter one of the following: Purchase Order Number, Quote ID, Upfit Quote ID or vin to easily see there in the process there particular order is in. Courtesy Confirmation Explained: After NAFG receives an order from a Member, we always like to send them a Courtesy Confirmation. This is were the member will double check some particulars on there order like, Color, Quantity, Upfit and Specification’s are all correct before order placement. We also like to ask for title information at this point so we can help process the paperwork at delivery promptly. Factory Order Cut Off Notices: Here is were we like to highlight were members can access any upcoming factory order cut off dates. We walk them through the process step by step to ensure everyone knows the upcoming order cut off date, we even print this information (if known at the time) right on the cover page of there quotes. Validation Walk Through Example: To demonstrate a price validation, we show what a member would see when they build a truck on our site. At check out the member would see the Total Configured MSRP of $ 35,730.00, A Sourcewell Price of $ 27,331.68, Total Saving of $ 8,398.32 or 23.505% for a 2020 F-250 followed by the pricing page which shows the Minimum Discount of at least 18.50%. As you see we provided an additional 5% discount on top of the 18.50% contract discount. This would be the case in most instances.	*
30	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in the United States.	Our willingness and ability to service members nationwide is unparalleled. We have dedicated staff 5 days a week, from 7am to 7pm standing by ready to assist any member help find the best solution for there needs even if helping assist them to the best Sourcewell Contract that could be a solution. We have a dedicated live chat feature on our online quote generating website in case any member has any trouble at all in building there quotes. NAFG has established a chain of suppliers who are at the ready to serve if called upon by any member. We are here to help.	*
31	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in Canada.	We are willing and eager to soon extend our business model and network into Canada. We believe partnering with local Canadian based dealer groups is key to success in the Canadian market. NAFG’s competitive pricing as well as a simple US Dollar to Canadian conversation will help NAFG expand into the Canadian market for participating Sourcewell members.	*
32	Identify any geographic areas of the United States or Canada that you will NOT be fully serving through the proposed contract.	National Auto Fleet Group will handle servicing 100% of all geographic areas located in the United States. Although it is unclear what unseen obstacles we may face in Canada, NAFG is committed to building the same model to service Canada and providing the same level of customer satisfaction, service, and care as in the United States.	*

33	Identify any Sourcewell participating entity sectors (i.e., government, education, not-for-profit) that you will NOT be fully serving through the proposed contract. Explain in detail. For example, does your company have only a regional presence, or do other cooperative purchasing contracts limit your ability to promote another contract?	NAFG will continue to service all Sourcewell Members through our 24 hour a day, 7 days a week online portal with the exclusion of Non-Profits. Unfortunately, Non-Profits are often not eligible for the same discount's government entities are qualified for. However, Non-Profits are subject to a different pricing program and will be evaluated on a case to case basis.	*
34	Define any specific contract requirements or restrictions that would apply to our participating entities in Hawaii and Alaska and in US Territories.	The only possible logistical constraints we may face is the shipping constraints for shipments arriving in Alaska, Hawaii and US Territories. For example, we often provide members in Alaska or Hawaii with vehicles that often have upfits. To circumvent this potential issue, members allow us to add these extra shipping and port costs to their quotes.	*

Table 7: Marketing Plan

Line Item	Question	Response *	
35	Describe your marketing strategy for promoting this contract opportunity. Upload representative samples of your marketing materials (if applicable) in the document upload section of your response.	National Auto Fleet Group encompasses a variety of marketing strategies to promote our products and services to streamline the vehicle purchasing process for government entities. Below are a few strategies used to serve as the gateway between our business and public agencies. Website and Inbound Marketing: The creation of a professional customer-focused website is one of our main features to market our products and services. The NAFG website encourages our members to interact and browse through products offered along with pricing and information about National Auto Fleet Group. Inbound marketing is created when potential members are directed to the company website. With this method, we are able to not only connect with members but to put the purchasing ability into the hands of each member. Our inbound marketing strategy attracts members by creating valuable content and experiences tailored to the needs of each individual. Examples include email campaign flyers on our products, informative and how-to videos, social media and engaging members with top-notched customer service to build brand awareness. Email Marketing: One of the main strategies used to engage current and potential members is Email Marketing. Our emails include different types of flyers that consist of information of the Sourcewell contract, promoting manufacturer brands, holiday themed flyers, discounts offered to first time buyers, important cutoff date reminders and upcoming products and events. The use of marketing campaigns plays a major role in enhancing the growth of our client database. Emails are a big part of our daily lives due to government agency employees utilizing emails as their main source of communication. We use campaigner.com as the emailing platform to reach our target members. Videos and descriptive images are used on all flyers and are compatible with a desktop or mobile device. Messages are short and to the point with links leading to the Sourcewell and NAFG homepage. The Campaigner email system allows the ability to track email activity based on open rate, unsubscribes and link clicks which is beneficial to understanding email effectiveness. Once potential members are directed to our website, they are welcomed with a wide range of options to explore an array of our products and services. They are able to register to become a member, view pricing, explore available in-stock vehicles, view how-to-videos, build a vehicle online to request an immediate quote or use our live chat assistant or call/email for live support. Face to Face Marketing Strategies: This strategy has proven to be successful in generating leads and creating lasting relationships by developing genuine connections with prospective members. National Auto Fleet Group attends several trades shows per year to engage members and put a face to the company. This in person meeting aids to build the brand by nurturing relationships between members and other vendors associated through the process. Trade shows attended include GFX, IAPPO, NIGP, ACT, CAPPO, and CASBO throughout the United States. NAFG has many opportunities to make in person presentations to propose products, services offered and to answer any questions potential members may have. These PowerPoint Presentations include topics on NAFG/Sourcewell process, how to facilitate the vehicle purchasing without bidding, informational videos, and the brands and services we provide. These meetings have been held at local cities, counties, school districts, water districts and ports. Relationship Marketing is a vital strategy used in building and maintaining long-term relationships practiced by National Auto Fleet Group on a daily basis. NAFG strives to create a positive and supportive connection with members by providing personalized and responsive customer service practices. The sales team has worked tirelessly to focus on providing outstanding customer support to create a powerful rapport with existing and new members. By going above and beyond, they have enhanced existing relationships and executed customer loyalty with repeat businesses. They strive to deviate from the "Car Salesperson" mentality which is 100% sales driven to a more product and customer service approach by instilling a sense of confidence in our clients. The goal is to regularly assist clients and address any needs and concerns even after the purchase has occurred. The strive to focus on solution selling vs. product selling develops into a mutually beneficial agreement for members and the business. Below are a few examples on successful relationship marketing from our Fleet Department: We had a member call in to request financing/lease options for a truck needed through our National Auto Fleet Group/Sourcewell vehicle contract. I contacted another Sourcewell vendor, Matt Geiselhart from NCL Gov Capital and he was happy to assist with a financing quote. The member also requested to trade in a current vehicle in their fleet and was directed to Govdeals for assistance in removing the outdated unit through an auction. The member was able to utilize three Sourcewell contracts to complete his transaction which simplified the entire process. The member was very satisfied with the amount of care and ease through his experience and became a repeat customer. By utilizing a cross-selling strategy, National Auto Fleet Group became his one stop shop to fulfill all fleet vehicle purchasing needs. "I had a member call in desperate to obtain a new truck because an employee had gotten into a serious accident and had the truck totaled. Due to covid restrictions, most manufacturers are currently experiencing microchip shortages which relays to production delays at the factory. We were able to direct buyer to our in-stock inventory on the NAFG website and member was ecstatic to locate truck to meet their needs. Instead of having to wait 30 weeks to receive the new vehicle, member was able to obtain the new truck within 3 weeks."	*

"I once had a member contact us two years after purchasing a vehicle from us. They had a malfunction with the liftgate on the box truck which caused a logistical nightmare. I was able to contact one of our body vendors that upfitted the lift gate installation and a service technician was able to go onsite to resolve the liftgate issue at no additional cost. The member was very impressed with the quality of our customer service even after purchase. "

"I had a member request a ¾ ton truck pricing but was unsure about their budget at the time. I took the time to go through each option with the client to provide a Sourcewell pricing quote through multiple manufacturers from Ram, Chevrolet and Ford. This empowered the member to have multiple pricing options for review to align with their budget as well as eliminating the need to shop anywhere else. "

"We work with many body companies to assist customers with the body upfitting process. One of our members called in a request to expedite a particular vehicle that was held up at one of their local body upfitters. I contacted the body company representative and put in a request to expedite the upfitting per request of the member. The body company was able to comply with the request and delivery was made sooner than expected."

Word-of-Mouth Marketing: The positive quality of service has led to more sales based on previous customers' impressions on their experience. NAFG's goal is to provide exemplary customer service throughout the entire purchasing process to encourage repeat business and advocate services to other members. NAFG has been fortunate to experience multiple instances of leads generated based solely on word-of-mouth marketing though our existing customers.

Cross-promotion: National Auto Fleet Group is currently collaborating with another Sourcewell Vendor, NCL Government Capital to promote each other's products and services. NCL Government Capital specializes in providing competitive equipment financing programs for municipalities and public education entities across the United States. As a team, NCL and NAFG produced a variety of marketing materials such as videos, flyers and info graphs to promote purchasing and leasing opportunities.

Hoglund Bus Company is another cross-promotion vendor NAFG had the opportunity to create a partnership with. Flyers were created to advertise Chassis from NAFG along with a variety of bus bodies from Hoglund Bus Company.

With cross-promotion, companies exchange knowledge and provide endorsements on websites, social media, and email campaigns. This strategy creates an influx of new leads, brand awareness, increased sales and recurrence of customers. National Auto Fleet Group will continue to create new partnerships and facilitate more cross-promotion opportunities in the near future to provide turnkey solutions for a variety of vehicle purchasing needs.

Coming in 2022, National Auto Fleet Group will be launching a NAFG Partner Website to further increase business growth. The website www.nafgpartner.com is expected to launch next year in 2022. The site encourages body upfitting companies throughout the United States to partner up with NAFG to become a preferred member. The benefits of becoming a preferred member include endorsements on website and social media avenues along with word-of-mouth referral for clients with upfitting needs. Our dedicated public relations representative will conduct phone and in person meetings to discuss the advantages of partnering up with NAFG, therefore generating more cross-promotion opportunities.

Members from government agencies are encouraged to go on the site to search for local body upfitting companies they are interested in working with. As a prerequisite in becoming a preferred vendor, they are required to advertise NAFG and the Sourcewell contract on their business website and refer their clients to purchase their cab/chassis needs through NAFG. This establishes a partnership that will generate increased sales all around. We are still currently building the website and interacting with body companies across the United States that would be interested in partnering up with NAFG.

36	Describe your use of technology and digital data (e.g., social media, metadata usage) to enhance marketing effectiveness.	Social media plays a crucial element in the way people communicate and connect with each other. LinkedIn is the go-to platform used by NAFG as it offers a variety of ways to expand our network by locating and connecting with relevant professionals in the industry. National Auto Fleet Group has utilized LinkedIn to engage current and potential members through personalized messages and posts. Personalized messages include thanking them for registering on site as well as directing them to on our link to the website, LinkedIn, YouTube, Facebook and Instagram company pages. The goal is to unite with people already on our database as well as people that would benefit from our products and services. Current flyers or messages about our company are also posted on the LinkedIn site to generate and attract more business. Time is also spent on reading posts from connections and observe any needs that National Auto Fleet Group may assist with. National Auto Fleet Group has begun utilizing video marketing strategies to further promote and market products by engaging on social media channels and email flyers. Programs such as Vimeo, Video Scribe, Cartoon Animator, Adobe Animate, Illustrate, Captive, Photoshop and Movavi Video Editor Plus are employed to edit and create videos to assist in endorsing our company. The following videos were recently created by our marketing department along with outside video production companies: Explainer Video: The first video created was a 90 second explainer video about National Auto Fleet Group that used animated characters to visualize our products and services along with information on the Sourcewell awarded contract. The video has been incorporated into all our weekly email flyers and social media platforms as an informative video on our products and how to purchase vehicles off Sourcewell Government Contract. How To Videos: National Auto Fleet Group has also created step-by-step How-To videos on the process to purchase both Light Duty and Heavy-Duty vehicles off the contract. In Stock Vehicles: This video showcases our in-stock vehicles available and the process of requesting a quote. ETA Tracking System: This video was created to not only introduce but to encourage clients to self-track their vehicle status. Holiday Themed Videos: These amusing videos were created to celebrate the holidays and add humor and lightness to our company and products sold. Cross Promotion Video: This video markets our relationship with NCL Government Capital and Sourcewell to endorse EV vehicles. Videos for social media: Mini videos were created to advertise new vehicles available, pricing and cutoff date reminders. NAFG has recently introduced a newly built live chat feature on our website for customer convenience as well as improving customer service. Visitors have access to chat with a live sales representative 24 hours a day, 7 days a week. With this feature potential customers are provided with another avenue for assistance in addition to emailing and phone calls. The benefits of a live chat option include quicker response time to assist buyers in reaching a purchasing decision and answer their questions. Improving customer service will also lead to increased sales, customer loyalty and engagement. Many studies have shown a strong correlation between live chat and increase in conversion rates. Potential clients appreciate having their questions answered in real-time when trying to build a vehicle quote online and allowing the user to multi-task different projects.
37	In your view, what is Sourcewell's role in promoting contracts arising out of this RFP? How will you integrate a Sourcewell-awarded contract into your sales process?	Sourcewell's mission states: "Our commitment to service and exceeding client expectations." This statement integrates with our relationship marketing strategy with our commitment to go above and beyond for all our members. Sourcewell is a trusted brand that government entities can rely on to access a wide variety of products and services for their everyday needs. With over 40 years of partnerships and relationship building, they are the glue that connects government, education, and nonprofit agencies to companies of all sizes to offer turnkey solutions to their needs. Sourcewell is also a reliable resource for vendors by not only connecting with potential prospects but by providing valuable marketing materials readily available for download on their website. Resources and tools provided include flyers, vendor training videos along with compliance information. The Sourcewell brand integrates a thorough documentation review of all vendors prior to awarding their cooperative contracts to ensure products and services are from reputable vendors. The brand provides a sense of legitimacy of our company name and members recognize that products and services are from reliable sources that will meet their needs. Sourcewell's aim is to simplify the purchasing and procurement process of government entities by eliminating the costly bidding procedure. The process of researching the right vendor is not only stressful and time-consuming but can be expensive as well. Sourcewell has completed the bidding for government entities which simplifies the overall purchasing process by providing access to competitively bid contracts procured by a government agency. Sourcewell has provided NAFG with overwhelming opportunities to work with government agencies across the United States. The Sourcewell name represents a high standard of integrity and ethics which is a dynamic National Auto Fleet Group is proud to be part of. Sourcewell members have access to a contract that is more flexible than the standard bidding process. Sourcewell is an organization that aids government entities to stay competitive without the frustrations and issues involved with the traditional bidding process. This contract can be customized to meet the unique needs of each client. The sales team has incorporated not only this standard of integrity in their sales practice ensuring clients' purchasing needs will always be met. The cost savings and stress-free nature of the cooperative contracts favors that of the traditional bidding process. It enables vendors to work with qualifying government entities in a more efficient manner. We vow to maintain these levels of standards across the board throughout all departments within the company.

38	Are your products or services available through an e-procurement ordering process? If so, describe your e-procurement system and how governmental and educational customers have used it.	Our website provides a hands-on empowering approach to ordering vehicles online. Clients can search through many vehicles makes and models with the ability to customize a vehicle tailored to their specific needs of their agency. A personalized quote with pricing can be available in as little as 5 minutes depending on the complexity of the vehicle. If upfitting is needed, the buyer can list the details of the up-fit while building their vehicle on our website to receive a complete quote or a sales representative can be reached through phone, email or our new live chat feature built on our website. We have recently created and uploaded a “How-To Videos” section on the homepage of our website which highlights a step-by-step process on how to build an online quote. This informative video demonstrates how to navigate the website in how to generate a vehicle quote with or without upfitting options. It begins by explaining how to register on our website as a member and then details on how to select vehicle model and type and the factory options needed. Once a customized quote is built, clients have the option to finalize the sales transaction by submitting a purchase order to our sales team via email. This gives complete autonomy to the client to purchase vehicles without the need to speak to a sales rep. If assistance is needed, they can contact sales through email, live chat or phone. If assistance is required to build a quote, our sales rep is also available to walk a client through the e-procurement process step by step. This ensures someone is available to answer any questions if needed and empowering the client to make any future purchases on their own. Clients may also call or email the needs of the company and receive a customized vehicle quote.	*

Table 8: Value-Added Attributes

Line Item	Question	Response *	
39	Describe any product, equipment, maintenance, or operator training programs that you offer to Sourcewell participating entities. Include details, such as whether training is standard or optional, who provides training, and any costs that apply.	National Auto Fleet Group extends any and all product, equipment, maintenance and operating programs provided by the Manufacturer directly to Sourcewell participating entities during the quoting process. The manufacturer will provide quotes to the member based on the vehicles class and size, and geographic location. NAFG will always pass these quotes onto members and treat them like an upfit to the vehicle.	*
40	Describe any technological advances that your proposed products or services offer.	Technological accomplishments by Manufactures like Ford Motor Company and General Motors serve members by keeping many models available for members to choose from. Additionally, NAFG allows members the ability to choose to electrify their vehicle by opting into the Motive Power Systems we can still help supply this kind of an upfit. For more information, we have attached the product and pricing information within the “Upfits Available” and “All 15 Manufactures” ZIP files under the supporting documents portion of the application.	*
41	Describe any “green” initiatives that relate to your company or to your products or services, and include a list of the certifying agency for each.	. National Auto Fleet Group helped create the Climate Mayor Purchasing Collaborative by partnering with over 400 Mayors nationwide. This initiative was created for the benefit of members who wanted to create and sustain an all-electric fleet. We offer 100% purely electric vehicles your members to choose from. Some popular models include the Chevrolet Bolt, Ford Fusion, Ford Mustang Mach-E, as well as Ford’s all electric F-150. We are confident that as more OEM’s continue to manufacture new electric vehicles, we will provide them for members to select from. More information about this initiative can be found at www.Driveevfleet.org	*
42	Identify any third-party issued eco-labels, ratings or certifications that your company has received for the equipment or products included in your Proposal related to energy efficiency or conservation, life-cycle design (cradle-to-cradle), or other green/sustainability factors.	NAFG has the California Air Resource Board (CARB) Certificate as well as the Ford Qualified Vehicle Modifier Certificate on file with some of our partner suppliers and upfitters hold these certifications and these certifications help illustrate how each vehicle conserves energy and remains energy efficient.	*
43	Describe any Women or Minority Business Entity (WMBE), Small Business Entity (SBE), or veteran owned business certifications that your company or hub partners have obtained. Upload documentation of certification (as applicable) in the document upload section of your response.	NAFG holds a current partnership with many suppliers some of which are veteran owed such as Pacific Truck Body located in CA. Our Ford, Chevrolet and Ram,Jeep,Dodge,Chrysler stores are jointly owned and operated by Minorities.	*
44	What unique attributes does your company, your products, or your services offer to Sourcewell participating entities? What makes your proposed solutions unique in your industry as it applies to Sourcewell participating entities?	. National Auto Fleet Group was not only built on dedication and hard work, but also through quantifiable metrics that directly measure the results of our efforts to ensure real goals are being measured and met. Through measuring results, NAFG takes responsibility in ensuring we deliver only the best customer care to your members. NAFG offers members 24 hour website access to customer support to personably walk members through any questions they may have. No matter what the issue may be, we always think outside the box to help members find a solution.	*

Table 9A: Warranty

Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure. You may upload representative samples of your warranty materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
45	Do your warranties cover all products, parts, and labor?	Each of the 15 manufactures we represent cover their own products, parts, and labor. All warranty information may be found in our attachments under the ZIP File "All 15 Manufactures".	*
46	Do your warranties impose usage restrictions or other limitations that adversely affect coverage?	Prior to purchase, members should be aware of each manufacturer's restrictions. Such as improper use of the vehicle may result in disqualification of coverage under the OEM's warranty. An example of this may be an F-350 being used for a police related pursuit, which may void certain warranties. Although, we always welcome and encourage members to contact us for their particular warranty coverage.	*
47	Do your warranties cover the expense of technicians' travel time and mileage to perform warranty repairs?	In some cases, manufacturers will tow a member's vehicle to the nearest warranty repair facility in case of a breakdown and cover expenses, but prior approval is required.	*
48	Are there any geographic regions of the United States or Canada (as applicable) for which you cannot provide a certified technician to perform warranty repairs? How will Sourcewell participating entities in these regions be provided service for warranty repair?	This may vary from manufacturer to manufacturer. Thus, we encourage members to call in prior to purchase and inquire about their specific region and how their warranty repairs will be covered with their manufacturer.	*
49	Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?	All warranties are typically passed on to the original equipment manufacturer and any upfit warranty will be passed on to the upfitter to perform.	*
50	What are your proposed exchange and return programs and policies?	If a member changes their mind, NAFG will quickly make every effort to change or cancel the order with the factory. However, once the manufacturer begins producing the vehicle, there are no changes, exchanges, or refunds available. The order is then deemed non-cancellable. This includes any upfit equipment an upfitter has ordered for the unit.	*
51	Describe any service contract options for the items included in your proposal.	NAFG offers any and all manufacturer service contracts for all members. There are several parameters in which a service contract may be customizable. These customized service contracts will be treated as add factory options and following the same discount schedule provided in the pricing file.	*

Table 9B: Performance Standards or Guarantees

Describe in detail your performance standards or guarantees, including conditions and requirements to qualify, claims procedure, and overall structure. You may upload representative samples of your performance materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
52	Describe any performance standards or guarantees that apply to your services	The only guarantee we can ever provide is the guarantee that we will treat and help every member that contacts with respect, integrity and professionalism.	*
53	Describe any service standards or guarantees that apply to your services (policies, metrics, KPIs, etc.)	NAFG and staff uphold high standards with how we provide service to the members, not only holding each other accountable but by embracing member feedback of how we can improve. Then we act upon it and implement improvements.	*

Table 10: Payment Terms and Financing Options

Line Item	Question	Response *	
54	Describe your payment terms and accepted payment methods?	Standard payment terms are Net 20, with a 10 – day grace period.	*
55	Describe any leasing or financing options available for use by educational or governmental entities.	. In order to provide leasing or financing options, NAFG has partnered with National Cooperative Leasing to offer leasing terms for Sourcewell members for all NAFG quotes under the Sourcewell contract. For further review, we have attached a PDF called "NCL Sample Lease" in the "Member Walk Through" Zip file.	*
56	Describe any standard transaction documents that you propose to use in connection with an awarded contract (order forms, terms and conditions, service level agreements, etc.). Upload a sample of each (as applicable) in the document upload section of your response.	National Auto Fleet Group's transaction process (Purchase Order) is closely tracked, well documented, and neatly organized to monitor each transaction performed through our Sourcewell Contract. This way, NAFG may produce swift and accurate quarterly reporting.	*
57	Do you accept the P-card procurement and payment process? If so, is there any additional cost to Sourcewell participating entities for using this process?	Yes, NAFG accepts up to $2,500 per vehicle. However, any dollar amount higher than $2,500 will require a P-card/ Credit Card transactional fee that would be passed onto the member	*

Table 11: Pricing and Delivery

Provide detailed pricing information in the questions that follow below. Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract as described in the RFP, the template Contract, and the Sourcewell Price and Product Change Request Form.

Line Item	Question	Response *	
58	Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the Sourcewell discounted price) on all of the items that you want Sourcewell to consider as part of your RFP response. If applicable, provide a SKU for each item in your proposal. Upload your pricing materials (if applicable) in the document upload section of your response.	National Auto Fleet Group is offering Line-Item Discounts Off Manufacture Suggested Retail Price for 15 manufacturers that is detailed in the Price File. NAFG will also offer any Upfits to be added to any and all vehicles' that members wish to add. Details are located on the Price Summary Page in the Price File.	*
59	Quantify the pricing discount represented by the pricing proposal in this response. For example, if the pricing in your response represents a percentage discount from MSRP or list, state the percentage or percentage range.	NAFG has an provided offerings from 15 Brands/OEMS and there respective percentage off vary and are detailed in the "Price File" zip Each Manufacture Range is detailed in the tabs below, here is an overview Chevrolet from -.077 to 24.45 % Ford Motor Company from -5.19 to 23.31 % GMC from 6.14 to 22.45 % Ram from 4.99 to 14.23 % Dodge from 3.09 to 9.96 % Jeep from 1.38 to 4.17 % Chrysler from 1.65 to 4.55 % Toyota from .03 to 8.98 % Honda from 1.34 to 4.9 % Nissan from -.085 to 14.61 % Buick from 2.36 to6.08 Kia from .69 to 8.39 % BMW from 3.8 to 4.77 % Cadillac from 4.22 to 6.77 % Volkswagen from 2.17 to 2.46 %	*
60	Describe any quantity or volume discounts or rebate programs that you offer.	If clients are considering an order of 150 or more units, we encourage members to contact us for any additional discounted quotes.	*
61	Propose a method of facilitating "sourced" products or related services, which may be referred to as "open market" items or "nonstandard options". For example, you may supply such items "at cost" or "at cost plus a percentage," or you may supply a quote for each such request.	"Open Market" products or "Sourced Goods" will be considered and treated as regular upfits. However, they may be quoted up to a 10% mark up, if applicable.	*
62	Identify any element of the total cost of acquisition that is NOT included in the pricing submitted with your response. This includes all additional charges associated with a purchase that are not directly identified as freight or shipping charges. For example, list costs for items like pre-delivery inspection, installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.	All considerations have already been taken into account in its entirely. The Price Summary Page and Price Table contained in the price file includes all considered costs. Although if a member requested a specialized quote for a unique situation that requires special training, direction, or installation, the additional costs would be added as a part of the upfit and then included inside the member's quote.	*
63	If freight, delivery, or shipping is an additional cost to the Sourcewell participating entity, describe in detail the complete freight, shipping, and delivery program.	All manufactures charge a standard "Factory Destination Charge". However, that is separate from the freight/destination cost that members may incur to ship a vehicle to and from an installer, if applicable. These subsequent locational movements may bare additional freight costs that will be outlined within the members quote for their review prior to purchase.	*
64	Specifically describe freight, shipping, and delivery terms or programs available for Alaska, Hawaii, Canada, or any offshore delivery.	Freight, shipping, and delivery terms among these regions sometimes carry additional logistical charges for added ferry, port and driver costs from both to and from the mainland. These added costs will be disclosed on the quote for members to review and approve prior to purchase.	*
65	Describe any unique distribution and/or delivery methods or options offered in your proposal.	National Auto Fleet Group already has a well-established Automobile Franchise Distribution Network that allows for swift and relatively seamless delivery to members and their end users.	*

Table 12: Pricing Offered

Line Item	The Pricing Offered in this Proposal is: *	Comments
66	c. better than the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.	NAFG Strives to offer the best overall value to the member with each and every quote.

Table 13: Audit and Administrative Fee

Line Item	Question	Response *	
67	Specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with Sourcewell. This process includes ensuring that Sourcewell participating entities obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to Sourcewell. Provide sufficient detail to support your ability to report quarterly sales to Sourcewell as described in the Contract template.	Sourcewell participating members are able to obtain proper pricing directly from our website, where they are able to use our user-friendly design to build and price their vehicles. The NAFG is updated daily to reflect updated manufacturer MSRP information. Our system will provide members with an accurate quote 99.99% of the time. In addition, NAFG has a stream line and organized process hat calculates administrative fees and allows NAFG to give a turnaround time of 15 – 30 days for quarterly reports.	*
68	If you are awarded a contract, provide a few examples of internal metrics that will be tracked to measure whether you are having success with the contract.	One of the internal metrics NAFG uses to track and measure success with the Sourcewell Contract is maintained through our website. Our website keeps a detailed log of quotes that members are generating. We oversee and keep track of how many quotes are being generated and which quotes are met with a purchase order. Every month we evaluate our sales indicators and closely monitor the volume and frequency of sales. One example is by evaluating which members are purchasing from our platform – new members or frequent members to ensure we are growing our member base. We use these metrics to measure our projected growth rate and work to exceed our expectations.	*
69	Identify a proposed administrative fee that you will pay to Sourcewell for facilitating, managing, and promoting the Sourcewell Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor's sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member's cost of goods. (See the RFP and template Contract for additional details.)	NAFG will submit $ 300 per vehicle purchased through NAFG and $ 200 per vehicle purchased though our partner dealer Alan Jay Automotive. For the purpose of an admin fee there are no other partner dealer groups considered.	*

Table 14A: Depth and Breadth of Offered Equipment Products and Services

Line Item	Question	Response *	
70	Provide a detailed description of the equipment, products, and services that you are offering in your proposal.	NAFG has provided a "Model Roll Out" Charts in the "Price File" zip, but of the 15 manufacturers we represent, they have over 100 makes and models for members to choose from that range from Class 1-3 and supporting Class 4 Cab and Chassis trucks. NAFG's platforms can add any upfit of their choosing, ranging from toolboxes to Line Mechanic Bodies. Any and all upfits can be added to any one of our vehicles through one of our upfit partner suppliers or by an upfit supplier of the members choosing. NAFG and the supplier will work together to supply members with turnkey quotes.	*
71	Within this RFP category there may be subcategories of solutions. List subcategory titles that best describe your products and services.	National Auto Fleet Group lists the makes and models of all 15 manufacturers we represent under the ZIP File "All 15 Manufactures". These 15 OEMs make up over 100 combined makes, models, and engine combinations for members to select from along with several subtitle "Upfits" detailed for members in the price file.	*

Table 14B: Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Line Item	Category or Type	Offered *	Comments
72	Automobiles	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
73	Sport Utility Vehicles	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
74	Vans	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
75	Trucks	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
76	Vehicles described in Lines 72-75 above for Public Safety applications	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
77	Conventional internal combustion models	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
78	Natural gas or propane autogas, hybrid, or alternative fuel models	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
79	Electric powered models	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models

Table 15: Exceptions to Terms, Conditions, or Specifications Form

Line Item 80. **NOTICE**: To identify any exception, or to request any modification, to the Sourcewell template Contract terms, conditions, or specifications, a Proposer must submit the exception or requested modification on the **Exceptions to Terms, Conditions, or Specifications Form** immediately below. The contract section, the specific text addressed by the exception or requested modification, and the proposed modification must be identified in detail. Proposer's exceptions and proposed modifications are subject to review and approval of Sourcewell and will not automatically be included in the contract.

Contract Section	Term, Condition, or Specification	Exception or Proposed Modification

Documents

Ensure your submission document(s) conforms to the following:

1. Documents in PDF format are preferred. Documents in Word, Excel, or compatible formats may also be provided.

2. Documents should NOT have a security password, as Sourcewell may not be able to open the file. It is your sole responsibility to ensure that the uploaded document(s) are not either defective, corrupted or blank and that the documents can be opened and viewed by Sourcewell.

3. Sourcewell may reject any response where any document(s) cannot be opened and viewed by Sourcewell.

4. If you need to upload more than one (1) document for a single item, you should combine the documents into one zipped file. If the zipped file contains more than one (1) document, ensure each document is named, in relation to the submission format item responding to. For example, if responding to the Marketing Plan category save the document as “Marketing Plan.”

- Pricing - NAFG Price File for Bid 091521.zip - Monday September 13, 2021 19:29:27
- Financial Strength and Stability - Market Success and Financial Stability.zip - Monday September 13, 2021 19:30:12
- Marketing Plan/Samples - Marketing Plan Compressed.zip - Tuesday September 14, 2021 11:38:30
- WMBE/MBE/SBE or Related Certificates - Insurance and Related Documents.zip - Tuesday September 14, 2021 11:40:18
- Warranty Information - Warranties RFP 091521.zip - Tuesday September 14, 2021 11:40:36
- Standard Transaction Document Samples - Standard Transaction.zip - Monday September 13, 2021 19:54:48
- Upload Additional Document - ALL 15 Makes and Upfits.zip - Tuesday September 14, 2021 11:35:54

Addenda, Terms and Conditions

PROPOSER AFFIDAVIT AND ASSURANCE OF COMPLIANCE

I certify that I am the authorized representative of the Proposer submitting the foregoing Proposal with the legal authority to bind the Proposer to this Affidavit and Assurance of Compliance:

1. The Proposer is submitting this Proposal under its full and complete legal name, and the Proposer legally exists in good standing in the jurisdiction of its residence.

2. The Proposer warrants that the information provided in this Proposal is true, correct, and reliable for purposes of evaluation for contract award.

3. The Proposer, including any person assisting with the creation of this Proposal, has arrived at this Proposal independently and the Proposal has been created without colluding with any other person, company, or parties that have or will submit a proposal under this solicitation; and the Proposal has in all respects been created fairly without any fraud or dishonesty. The Proposer has not directly or indirectly entered into any agreement or arrangement with any person or business in an effort to influence any part of this solicitation or operations of a resulting contract; and the Proposer has not taken any action in restraint of free trade or competitiveness in connection with this solicitation. Additionally, if Proposer has worked with a consultant on the Proposal, the consultant (an individual or a company) has not assisted any other entity that has submitted or will submit a proposal for this solicitation.

4. To the best of its knowledge and belief, and except as otherwise disclosed in the Proposal, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest. An organizational conflict of interest exists when a vendor has an unfair competitive advantage or the vendor's objectivity in performing the contract is, or might be, impaired.

5. The contents of the Proposal have not been communicated by the Proposer or its employees or agents to any person not an employee or legally authorized agent of the Proposer and will not be communicated to any such persons prior to Due Date of this solicitation.

6. If awarded a contract, the Proposer will provide to Sourcewell Participating Entities the equipment, products, and services in accordance with the terms, conditions, and scope of a resulting contract.

7. The Proposer possesses, or will possess before delivering any equipment, products, or services, all applicable licenses or certifications necessary to deliver such equipment, products, or services under any resulting contract.

8. The Proposer agrees to deliver equipment, products, and services through valid contracts, purchase orders, or means that are acceptable to Sourcewell Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to Sourcewell Members under an awarded Contract.

9. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.

10. The Proposer understands that Sourcewell will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statutes Section 13.591, subdivision 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals become public data. Minnesota Statutes Section 13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.

11. Proposer its employees, agents, and subcontractors are not:

    1. Included on the "Specially Designated Nationals and Blocked Persons" list maintained by the Office of Foreign Assets Control of the United States Department of the Treasury found at: https://www.treasury.gov/ofac/downloads/sdnlist.pdf;

    2. Included on the government-wide exclusions lists in the United States System for Award Management found at: https://sam.gov/SAM/; or

    3. Presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this solicitation.

☑ By checking this box I acknowledge that I am bound by the terms of the Proposer's Affidavit, have the legal authority to submit this Proposal on behalf of the Proposer, and that this electronic acknowledgment has the same legal effect, validity, and enforceability as if I had hand signed the Proposal. This signature will not be denied such legal effect, validity, or enforceability solely because an electronic signature or electronic record was used in its formation. - Jesse Cooper, Fleet Manager, 72 Hour LLC

The Proposer declares that there is an actual or potential Conflict of Interest relating to the preparation of its submission, and/or the Proposer foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the bid.

○ **Yes** ◉ **No**

The Bidder acknowledges and agrees that the addendum/addenda below form part of the Bid Document.

Check the box in the column "**I have reviewed this addendum"** below to acknowledge each of the addenda.

File Name	I have reviewed the below addendum and attachments (if applicable)	Pages
Addendum_6_ Autos_SUVs_Vans_Trucks_RFP_091521 Wed September 8 2021 06:27 PM	☑	1
Addendum_5_ Autos_SUVs_Vans_Trucks_RFP_091521 Tue September 7 2021 07:28 PM	☑	2
Addendum_4_ Autos_SUVs_Vans_Trucks_RFP_091521 Thu August 26 2021 05:55 PM	☑	1
Addendum_3_ Autos_SUVs_Vans_Trucks_RFP_091521 Mon August 23 2021 09:47 AM	☑	1
Addendum_2_ Autos_SUVs_Vans_Trucks_RFP_091521 Sun August 8 2021 09:02 PM	☑	1
Addendum_1_ Autos_SUVs_Vans_Trucks_RFP_091521 Thu August 5 2021 03:58 PM	☑	1

Docusign Envelope ID: F41490C1-FB2A-419C-A8ED-E30F112537A3

AMENDMENT #1
TO
CONTRACT # 091521-NAF

THIS AMENDMENT is effective upon the date of the last signature below by and between **Sourcewell** and **72 Hour LLC dba: National Auto Fleet Group** (Supplier).

Sourcewell awarded a contract to Supplier to provide Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories to Sourcewell and its Participating Entities, effective November 4, 2021, through November 8, 2025 (Contract).

The parties wish to amend the Proposal to ensure compliance with Sourcewell's Procurement Policy and standard government procurement practices.

NOW, THEREFORE, the parties amend the Contract as follows:

Line item 28 of "Table 6: Ability to Sell and Deliver Service" of the Proposal is modified to add the following:

> **"For Tesla and Mullen vehicles, the Participating Entity will work directly with Supplier when ordering the vehicle. Once a purchase order is issued and received by Supplier, Supplier will work with the appropriate Tesla or Mullen representative to process the order and deliver the vehicle directly to the Participating Entity. All necessary paperwork will be handled directly between the Participating Entity and Supplier."**

Except as amended by this Amendment, the Contract remains in full force and effect.

Sourcewell

Signed by:
By: Jeremy Schwartz
C0FD2A139D06489...
Jeremy Schwartz, Chief Operating Officer

Date: 2/21/2025 | 4:19 PM CST

72 Hour LLC
dba: National Auto Fleet Group

Signed by:
By: James Cooper
FACBB5730C1E467...
Jesse Cooper, Fleet Manager

Date: 2/21/2025 | 2:34 PM CST

ALAN JAY FLEET SALES

Sourcewell Formerly NJPA

Awarded Contract

Call Us first, for all of your Fleet Automotive, & Light Truck needs.

PHONE (800) ALANJAY (252-6529)		DIRECT 863-402-4234	WWW.ALANJAY.COM		Quote 65365-1
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 863-273-1105 FAX 863-402-4221	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200	

ORIGINAL QUOTE DATE 8/7/2025

QUICK QUOTE SHEET

REVISED QUOTE DATE 8/7/2025

REQUESTING AGENCY **WINTER SPRINGS POLICE DEPARTMENT**

CONTACT PERSON **MATT TRACHT** EMAIL mtracht@winterspringsfl.org

PHONE **407-327-7997** MOBILE FAX

SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF www.NationalAutoFleetGroup.com

MODEL **K8A 500A** MSRP **$48,780.00**

2025 FORD POLICE INTERCEPTOR UTILITY AWD (99B 44U)

CUSTOMER ID

CONTRACT PRICE **$45,645.00**

BED LENGTH

** *All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.*

FACTORY OPTIONS	DESCRIPTION	
YZ	Oxford White	$0.00
9W	Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear	$0.00
99B	Engine: 3.3L V6 Direct-Injection	$0.00
44U	Transmission: 10-Speed Automatic (44U)	$0.00
18D	Global Lock/Unlock Feature	$0.00
500A	Order Code 500A	$0.00
51R	Driver Only LED Bulb Spot Lamp (Unity)	$395.00
68G	Rear-Door Controls Inoperable	$75.00
87M	8" Rear Camera Image	$0.00
___	3.73 Axle Ratio	$0.00
___	Fleet Advertising Credit	$0.00
153	OPTIONS Front License Plate Bracket	$0.00
	FACTORY OPTIONS	**$470.00**

CONTRACT OPTIONS	DESCRIPTION	
EWD	EXTENDED WARRANTY DECLINED	$0.00
NO-TEMP	TEMP TAG NOT REQUESTED, CUSTOMER WILL HANDLE THEIR OWN TAG WORK.	$0.00
	CONTRACT OPTIONS	**$0.00**

TRADE IN

TOTAL COST **$46,115.00**

YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~

TOTAL COST LESS TRADE IN(S) QTY 5 **$230,575.00**

Estimated Annual payments for 60 months paid in advance: $10,602.79 Extended: $53,013.96

Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments ORDERED UNIT VIN: [VIN NA]

VEHICLE QUOTED BY **ASHLEE WILSON** GOVERNMENT ACCOUNT MANAGER Ashlee.Wilson@AlanJay.com

"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.

ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (Complete)

Window Sticker

SUMMARY

[Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD — MSRP:$49,515.00

Interior:Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear

Exterior 1:Oxford White

Exterior 2:No color has been selected.

Engine: 3.3L V6 Direct-Injection

Transmission: 10-Speed Automatic (44U)

OPTIONS

CODE	MODEL	MSRP
K8A	[Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD	$49,515.00
	OPTIONS	
153	Front License Plate Bracket	$0.00
18D	Global Lock/Unlock Feature	$0.00
44U	Transmission: 10-Speed Automatic (44U)	$0.00
500A	Order Code 500A	$0.00
51R	Driver Only LED Bulb Spot Lamp (Unity)	$400.00
68G	Rear-Door Controls Inoperable	$80.00
87M	8" Rear Camera Image	$0.00
99B	Engine: 3.3L V6 Direct-Injection	($2,330.00)
9W	Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear	$0.00
YZ	Oxford White	$0.00
___	3.73 Axle Ratio	$0.00
___	Fleet Advertising Credit	$0.00
	SUBTOTAL	**$47,665.00**
	Adjustments Total	$0.00
	Destination Charge	$1,595.00
	TOTAL PRICE	**$49,260.00**

FUEL ECONOMY

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Data Version: 25432. Data Updated: May 11, 2025 7:33:00 PM PDT.

ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (✓ Complete)

Est City:N/A

Est Highway:N/A

Est Highway Cruising Range:N/A

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ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (✓ Complete)

Standard Equipment

Mechanical	
	Engine: 3.3L V6 Direct-Injection Hybrid System -inc: (136-MPH top speed) (STD)
	Transmission: 10-Speed Automatic (STD)
	3.73 Axle Ratio (STD)
	50-State Emissions System Flexible Fuel Vehicle (FFV) system is standard equipment for vehicles equipped with the 3.3L V6 Direct-Injection engine.
	Transmission w/Driver Selectable Mode and Oil Cooler
	Automatic Full-Time All-Wheel
	Engine Oil Cooler
	92-Amp/Hr 850CCA Maintenance-Free Battery
	Hybrid Electric Motor 220 Amp Alternator
	Class III Towing Equipment -inc: Hitch
	Trailer Wiring Harness
	Police/Fire
	1670# Maximum Payload
	GVWR: 6,840 lbs (3,103 kgs)
	Gas-Pressurized Shock Absorbers
	Front And Rear Anti-Roll Bars
	Electric Power-Assist Steering
	19 Gal. Fuel Tank
	Dual Stainless Steel Exhaust
	Permanent Locking Hubs
	Strut Front Suspension w/Coil Springs
	Multi-Link Rear Suspension w/Coil Springs
	Regenerative 4-Wheel Disc Brakes w/4-Wheel ABS, Front And Rear Vented Discs, Brake Assist and Hill Hold Control
	Lithium Ion (li-Ion) Traction Battery 1.5 kWh Capacity
Exterior	
	Wheels: 18" x 8" 5-Spoke Painted Black Steel -inc: polished stainless steel hub cover and center caps
	Tires: 255/60R18 AS BSW

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ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (Complete)

Exterior	
	Steel Spare Wheel
	Full-Size Spare Tire Mounted Inside Under Cargo
	Non-Metallic Paint
	Body-Colored Front Bumper w/Black Rub Strip/Fascia Accent and 1 Tow Hook
	Body-Colored Rear Bumper w/Black Rub Strip/Fascia Accent
	Body-Colored Bodyside Cladding and Black Wheel Well Trim
	Black Side Windows Trim and Black Front Windshield Trim
	Black Door Handles
	Black Power Side Mirrors w/Convex Spotter and Manual Folding
	Fixed Rear Window w/Yes Wiper, Heated Wiper Park and Defroster
	Deep Tinted Glass
	Speed Sensitive Variable Intermittent Wipers
	Galvanized Steel/Aluminum Panels
	Lip Spoiler
	Black Grille
	Liftgate Rear Cargo Access
	Tailgate/Rear Door Lock Included w/Power Door Locks
	Auto On/Off Projector Beam Led Low/High Beam Headlamps
	LED Brakelights
Entertainment	
	Radio w/Seek-Scan and Speed Compensated Volume Control
	Radio: AM/FM/MP3 Capable -inc: 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port and 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).
	SYNC Phoenix Communication & Entertainment System -inc: hands-free voice command support compatible w/most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack
	Integrated Roof Antenna
	1 LCD Monitor In The Front

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ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (Complete)

Interior	
	8-Way Driver Seat
	Passenger Seat
	35-30-35 Folding Split-Bench Front Facing Fold Forward Seatback Rear Seat
	Manual Tilt/Telescoping Steering Column
	Gauges -inc: Speedometer, Odometer, Engine Coolant Temp, Tachometer, Engine Hour Meter, Traction Battery Level, Trip Odometer and Trip Computer
	Power Rear Windows and Fixed 3rd Row Windows
	Remote Keyless Entry
	Remote Releases -Inc: Power Cargo Access
	Cruise Control w/Steering Wheel Controls
	Dual Zone Front Automatic Air Conditioning
	Rear HVAC
	HVAC -inc: Underseat Ducts
	Locking Glove Box
	Driver Foot Rest
	Unique HD Cloth Front Bucket Seats w/Vinyl Rear -inc: reduced bolsters, 6-way power track driver seat (fore/aft, up/down, tilt w/manual recline, 2-way manual lumbar), 8-way power track passenger seat w/2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks
	Interior Trim -inc: Metal-Look Instrument Panel Insert, Metal-Look Door Panel Insert and Metal-Look Interior Accents
	Full Cloth Headliner
	Urethane Gear Shifter Material
	Day-Night Rearview Mirror
	Driver And Passenger Visor Vanity Mirrors
	Mini Overhead Console w/Storage and 2 12V DC Power Outlets
	Front And Rear Map Lights
	Fade-To-Off Interior Lighting
	Full Vinyl/Rubber Floor Covering
	Carpet Floor Trim
	Cargo Features -inc: Cargo Tray/Organizer
	Cargo Space Lights

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ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (✓ Complete)

Interior	
	Fleet Telematics Modem Tracker System
	Dashboard Storage, Driver And Passenger Door Bins
	Power 1st Row Windows w/Driver And Passenger 1-Touch Up/Down
	Delayed Accessory Power
	Power Door Locks
	Driver Information Center
	Redundant Digital Speedometer
	Trip Computer
	Digital/Analog Appearance
	Seats w/Vinyl Back Material
	Manual Adjustable Front Head Restraints and Manual Adjustable Rear Head Restraints
	Perimeter Alarm
	2 12V DC Power Outlets
	Air Filtration
Safety-Mechanical	
	Electronic Stability Control (ESC) And Roll Stability Control (RSC)
	ABS And Driveline Traction Control
Safety-Exterior	
	Side Impact Beams
Safety-Interior	
	Dual Stage Driver And Passenger Seat-Mounted Side Airbags
	Reverse Sensing System Rear Parking Sensors
	BLIS (Blind Spot Information System) Blind Spot
	Pre-Collision Assist with Pedestrian Detection
	Rear Cross-Traffic Braking
	Collision Mitigation-Front
	Tire Specific Low Tire Pressure Warning
	Dual Stage Driver And Passenger Front Airbags
	Curtain 1st And 2nd Row Airbags

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ALAN JAY FLEET
SCOTT WILSON | 863-402-4234 | SCOTT.WILSON@ALANJAY.COM

Vehicle: [Fleet] 2025 Ford Police Interceptor Utility (K8A) AWD (✓ Complete)

Safety-Interior	
	Airbag Occupancy Sensor
	Passenger Knee Airbag
	Rear Child Safety Locks
	Outboard Front Lap And Shoulder Safety Belts -inc: Rear Center 3 Point, Height Adjusters and Pretensioners
	Back-Up Camera w/Washer

WARRANTY	
	Basic Years: 3 Basic Miles/km: 36,000 Drivetrain Years: 5 Drivetrain Miles/km: 100,000 Corrosion Years: 5 Corrosion Miles/km: Unlimited Hybrid/Electric Components Years: 8 Hybrid/Electric Components Miles/km: 100,000 Roadside Assistance Years: 5 Roadside Assistance Miles/km: 60,000

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ALAN JAY FLEET SALES

Contract Number:	2025 091521-NAF & 032824-NAF
Quote ID:	65365
Agency:	WINTER SPRINGS POLICE DEPARTMENT
Date:	8/7/2025

Thank you from the Alan Jay Fleet Team for the opportunity to provide this quotation for (5) 2025 FORD POLICE INTERCEPTOR UTILITY AWD (99B 44U), please review carefully and contact us with any errors or changes.

MSRP:		$48,780.00
Base Price:		$45,645.00
Factory Options:		$470.00
Aftermarket Options:		$0.00
Vehicle Price:		$46,115.00
Purchase Total:	Qty (5)	$230,575.00

Per attached vehicle specifications.

This quotation is valid as long as the manufacturer is accepting orders for the model year specified. Purchase orders received after factory order cutoff may not be honorable. The vehicle(s) offered on this quotation will be ordered in the color(s) listed. Please contact your Alan Jay sales representative with any questions you have on this quote.

Quoted By: ASHLEE WILSON / 863-273-1105 / Ashlee.Wilson@AlanJay.com

PIGGYBACK RIDER FOR EMERGENCY LIGHTS AND ACCESSORIES

LIGHTS N MORE INSTALLATIONS, LLC.

THIS "PIGGYBACK" RIDER AGREEMENT FOR EMERGENCY LIGHTS AND ACCESSORIES ("Agreement") is made and entered into this 5 day of December, 2024, by and between the **CITY OF WINTER SPRINGS**, a Florida municipal corporation whose address is 1126 E. State Road 434, Winter Springs, Florida 32708 ("City"), and **LIGHTS N MORE INSTALLATIONS, LLC**, a Florida limited liability company authorized to transact business in the state, whose address is 958 Josiane Court, Altamonte Springs, Florida 32707 ("Contractor"). The City and Contractor agree as follows:

1. The Purchasing Policies of the City of Winter Springs allow for "piggybacking" contracts. Pursuant to this procedure, the City is allowed to "piggyback" an existing government contract, without the need to obtain formal or informal quotations, proposals, or bids. The parties agree that the Contractor has entered into a contract with the City of Sanford, Florida, (the "**Original Government Agency**") said contract being identified as **Agreement Between the City of Sanford, Florida and Lights N More Installations, LLC - IRFQ 21-22-317 – Emergency Lights and Accessories, between the City Of Sanford, Florida, and Lights N More Installation, LLC., dated October 04, 2022** (said original contract being referred to as the "**Original Government Contract**").

2. The Original Government Contract, including all associated Contract Documents, Exhibits, Attachments, and Addenda thereto, as defined in the Original Government Contract, is incorporated herein by reference and is attached as **Exhibit "A"** to this Agreement. All terms and conditions set forth in the Original Government Contract (Exhibit "A") are fully binding on the parties, and said terms and conditions are incorporated herein except to the extent expressly modified herein.

3. Notwithstanding the requirements that the Original Government Contract are fully binding on the parties, the parties have agreed to modify certain provisions of the aforementioned Contract Documents as applied to this Agreement between the Contractor and the City of Winter Springs, as follows:

a. Notwithstanding anything in Exhibit "A" to the contrary, the following terms shall be substituted throughout the Original Government Contract. "City of Sanford" shall be substituted by "City of Winter Springs." All references to the "City" shall refer to the "City of Winter Springs."

b. The term of this Agreement with the City of Winter Springs shall take effect on the date of execution by the City and Contractor ("Effective Date") and shall continue for the duration of the Original Government Contract or until all outstanding Purchase, Release, or Task Orders issued prior to the expiration of this Agreement have been either completed or terminated.

c. The pricing under the Original Government Contract shall remain firm throughout the duration of this Agreement. Price increases agreed to by the Original Government Agency after the Effective Date of this Agreement shall not be binding upon the City of Winter Springs unless an Amendment to this Agreement is properly executed by an authorized representative of the City of Winter Springs.

d. Order of Precedence.

The Original Government Contract shall be amended to provide that the Contract Documents shall consist of: (1) this Rider; (2) the Original Government Contract, together with all exhibits, attachments, and duly executed amendments; and (3) any and all Specifications, Amendments, Task Orders, Change Orders, and Field Orders issued after the Effective Date of this Agreement by the City of Winter Springs. The order of precedence will be as follows in the event of a conflict among the Contract Documents: properly executed Change Orders, Field Orders, and Amendments issued after the Effective Date of this Agreement; this Rider; the Original Government Contract.

e. Insurance.

The City shall be named an additional insured under the Contractor's commercial general liability, umbrella liability, and business auto policies.

Certificate Holder address shall read:

City of Winter Springs
Attn: Finance Department
1126 East State Road 434
Winter Springs, FL 32708

The remainder of the insurance requirements presented in Exhibit "A."

f. Public Records.

Section 7(D) of Exhibit "A" is amended to provide as follows.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: City Clerk, City of Winter Springs, 1126 East State Road 434, Winter Springs, FL 32708 or City-Clerk-Department@winterspringsfl.org or (407) 327-6560.

Section 7(D) is further amended to provide as follows.

If Contractor fails to comply with this Section, and the City must enforce this Section, or the City suffers a third party award of attorney's fees and/or damages for violating Chapter 119, Florida Statutes, due to Contractor's failure to comply with this Section, the City shall collect from Contractor prevailing party attorney's fees and costs, and any damages incurred by the City, for enforcing this Section against Contractor. And, if applicable, the City shall also be entitled to reimbursement of all attorneys' fees and damages which the City had to pay a third party because of the Contractor's failure to comply with this Article.

The remainder of the Section shall be unchanged.

g. Project Price.

The amount set forth in any individual Purchase Order/Release Order entered into under this Agreement shall not exceed fifty thousand dollars ($50,000) without the prior authorization of the Winter Springs City Commission. The remainder of the Original Government Contract's price terms shall remain unchanged.

h. Section 6 of the Original Government Contract shall be stricken in its entirety and replaced with the following:

The parties shall be bound by the purchasing policies and procedures of the City of Winter Springs as well as the controlling provisions of all applicable local, state, and federal laws. Purchase/work/task orders shall be used, in accordance therewith, in the implementation of this Agreement to the extent deemed necessary by the City in its sole and absolute discretion.

i. Section 9 of the Original Government Contract shall be modified as follows: References to the City of Sanford's "Standard Contractual Terms and Conditions," shall be stricken. The City of Winter Springs shall not, under this Agreement, be bound by the City of Sanford's Standard Contractual Terms and Conditions.

j. Miscellaneous. The following provisions are hereby added to or modified from the Original Government Contract. To the extent the terms and conditions below may conflict with terms and conditions contained in Exhibit "A" the terms and conditions as set forth below shall control.

i. Notices to the City shall be delivered to:

City Manager
City of Winter Springs, Florida
1126 East State Road 434
Winter Springs, FL 32708

Any Notice given as provided herein shall be deemed received as follows: if delivered by personal service, on the date so delivered; if delivered to an overnight courier service, on the business day immediately following delivery to such service; and if mailed, on the third business day after mailing.

ii. The City intends to avail itself of the benefits of Section 768.28, Florida Statutes and any other statutes and common law governing sovereign immunity to the fullest extent possible. Neither this provision nor any other provision of this Agreement shall be construed as a waiver of the City's right to sovereign immunity under Section 768.28, Florida Statutes, or other limitations imposed on the City's potential liability under state or federal law. Contractor agrees that City shall not be liable under this Agreement for punitive damages or interest for the period before judgment. Further, City shall not be liable for any claim or judgment, or portion thereof, to any one person for over two hundred thousand dollars ($200,000.00), or any claim or judgment, or portion thereof, which, when totaled with all other claims or judgments paid by the State or its agencies and subdivisions arising out of the same incident or occurrence, exceeds three hundred thousand dollars ($300,000.00). Nothing in this Agreement is intended to inure to the benefit of any third party for the purpose of allowing any claim which would otherwise be barred under the doctrine of sovereign immunity or by operation of law. This paragraph shall survive termination of this Agreement.

iii. Should either party bring an action to enforce any of the terms of this Agreement, each party shall bear its own costs and expenses of such action including, but not limited to, reasonable attorney's fees, whether at settlement, trial or on appeal.

iv. The parties agree that should any dispute arise between them regarding the terms or performance of this Agreement, both parties will participate in mediation. The parties agree to equally share the cost of the mediator. Should the parties fail to resolve their differences through mediation, any cause of action filed hereunder shall be filed in the Circuit or County Court for Seminole County, Florida.

v. Any delay or failure of either party in the performance of its required obligations hereunder shall be excused if and to the extent caused by acts of God, fire, flood, windstorm, explosion, riot, war, sabotage, strike (except involving Contractor's labor force), extraordinary breakdown of or damage to City's facilities, court injunction or order, federal and/or state law and/or regulation, or order by any other regulatory agency, provided that the prompt notice of such delay is given by such party to the other and each of the parties hereto shall be diligent in attempting to remove such cause or causes. If any circumstance of Force Majeure remains in effect for sixty (60) days or longer, either party may terminate this Agreement. Monetary damages will not be awarded to Contractor in the event of Force Majeure.

vi. The Contractor shall seek prior written approval from the City for any necessary lane closure requests before closing, blocking, or barricading any lanes of traffic on roadways within the City.

vii. In addition to any indemnity obligation required in the Original Government Contract and for purposes of Contractor's indemnification obligation only, Contractor shall indemnify the City for claims made by the employees of Contractor against the City, and Contractor hereby waives its entitlement, if any, to immunity under Section 440.11, Florida Statutes. This waiver has been specifically and mutually negotiated by the parties.

viii. Delivery shall be made to the Winter Springs Police Department, located at 300 N. Moss Road, Winter Springs, Florida 32708, between the hours of 8:00 a.m. and 5:00 p.m. Monday through Friday. Contractor shall coordinate the delivery of all products and services in a timely manner.

IN WITNESS WHEREOF, authorized representatives of the CITY and the CONTRACTOR have executed this Piggyback Rider to the Original Government Contract on the date below noted.

CITY:

Brian Dunigan, Interim City Manager

Date: 12/05/2024

LIGHTS N MORE INSTALLATIONS, LLC.

Print Name: Crysty l Mallozzi

Print Title: Office Manager

Date: 12/05/2024

ATTEST:

Christian Gowan, City Clerk

CITY OF WINTER SPRINGS INCORPORATED 1959 SEMINOLE COUNTY, FLORIDA

EXHIBIT A

ORIGINAL GOVERNMENT CONTRACT

This is only a Quote, in order for us to place an order, we must receive your purchase order.

Step 5 of 8
Please select all y



2026 Ford Police Interceptor Utility AWD

Click here to view General Info

Click here to view Technical Specifications

Click here to view Standards

Hide Options

Click here to view Configuration Checklist

Click here to view Colors

OPTIONS

ENGINE

State	Code	Description	MSRP
☐	99W	Engine: 3.3L V6 Direct-Injection Hybrid System, (STD)	$0
☐	99B	Engine: 3.3L V6 Direct-Injection, -inc: 136-MPH top speed, Deletes regenerative braking and lithium-ion battery pack; adds 250-amp alternator and replaces 19-gallon tank w/21.4-gallon tank	$0
☒	99C	Engine: 3.0L V6 EcoBoost, -inc: 148-MPH top speed, Deletes regenerative braking and lithium-ion battery pack; adds 250-amp alternator and replaces 19-gallon tank w/21.4-gallon tank, 3.31 Axle Ratio	$2850

TRANSMISSION

State	Code	Description	MSRP
☐	44B	Transmission: 10-Speed Automatic, (STD)	$0
☐	44U	Transmission: 10-Speed Automatic (44U)	$0

PRIMARY PAINT

State	Code	Description	MSRP
☐	E4	Vermillion Red	$0
☐	LK	Dark Blue	$0
☐	LM	Royal Blue	$0
☐	TN	Silver Grey Metallic	$0
☐	UJ	Sterling Grey Metallic	$0
☐	UM	Agate Black	$0
☑	YZ	Oxford White	$0
☐	M7	Carbonized Grey	$0
☐	E3	Arizona Beige Metallic Clearcoat	$0
☐	J1	Kodiak Brown Metallic	$0
☐	LN	Light Blue Metallic	$0
☐	F1	Police Green	$0

SEAT TYPE

State	Code	Description	MSRP
☑	9W	Charcoal Black, Unique HD Cloth Front Bucket Seats w/Vinyl Rear, -inc: reduced bolsters, driver 6-way power track (fore/aft, up/down, tilt w/manual recline, 2-way power lumbar), passenger 8-way power track w/2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks	$0
☐	FW	Charcoal Black, Unique HD Cloth Front Bucket Seats w/Cloth Rear, -inc: driver 6-way power track (fore/aft, up/down, tilt w/manual recline, 2-way manual lumbar), 8-way power track passenger seat w/2-way power recline and 2-way power lumbar	$70

AXLE RATIO

☑	—	3.73 Axle Ratio, (STD)	$0
☒	—	3.31 Axle Ratio	$0

ADDITIONAL EQUIPMENT

State	Code	Description	MSRP
☒	47E	12.1" Integrated Computer Screen, -inc: 12.1" touchscreen display in center stack and allows for operation of laptop in remote location to free up cabin space in front passenger area, Audio Video Extender (AVX) box, 2 AVX cables, 2 USB cables and 1 HDMI cable	$3700
☒	65U	Police Upgrade Package, -inc: selectable sport mode and high series headlamp w/LED corner warning lights, Front Headlamp Lighting Solution, LED low beam/high beam headlamp, wig-wag function and (2) red/blue/white LED side warning lights in each headlamp (factory configured: driver's side white/red/passenger side white/blue), Wiring and LED lights included (in headlamps only; grille lights not included), Controller not included, Grille LED Lights, Siren & Speaker Pre-Wiring, Wheels: 18" Painted Aluminum, 18" conventional (Police) black steel spare wheel, Front Console Plate Delete, Center Floor Console Less Shifter, console and top plate w/2 cup holders, (Maintains column shifter), 1st & 2nd Row Carpet Floor Covering, front and rear carpeted floor mats	$610
☐	67H	Ready For The Road Package, Rear Lighting Solution, (2) backlit flashing linear high-intensity LED lights (driver's side red/passenger side blue) mounted to inside liftgate glass and (2) backlit flashing linear high-intensity LED lights (driver's side red/passenger side blue) installed on inside lip of liftgate (lights activate when liftgate is open), LED lights only, Wiring and controller not included, Hidden Door-Lock Plunger, Rear-Door Controls Inoperable, Locks, handles and windows, Can manually remove window or door disable plate w/special tool, Locks/windows operable from driver's door switches, Rear Console Plate, Contours through 2nd row; channel for wiring	$4050
☐	67U	Ultimate Wiring Package, -inc: wiring harness instrument panel to rear cargo area (overlay), (2) light cables - supports up to (6) LED lights (engine compartment/grille), (1) 10-amp siren/speaker circuit engine compartment and rear hatch/cargo area wiring - supports up to (6) rear LED lights, Does not include LED lights, side connectors or controller, Rear Console Plate, Contours through 2nd row; channel for wiring, Grille LED Lights, Siren & Speaker Pre-Wiring	$640
☐	423	50-State Emissions System Not Required, -inc: Control code for units either shipped to or ordered by dealers in California emission states for registration in non-California emission state locations. In Maine, Rhode Island and Vermont, dealers cannot use this code to order vehicles for customers in non-California emission state locations (except state public service/emergency - 936)	$0
☐	936	50-State Emissions System Exemption, -inc: This exemption may only apply in certain California emission states. Ordering dealer is responsible for contacting the proper state authorities for clarification on qualifying exempted vehicles for registration. Only available on units sold for authorized public service or emergency service use	$0
☐	41H	Engine Block Heater	$190
☐	76D	Underbody Deflector Plate, -inc: Engine and transmission shield	$340
☐	64E	Wheels: 18" Painted Aluminum, -inc: 18" conventional (Police) black steel spare wheel	$475
☐	65L	18" 5-Spoke Full Face Wheel Covers w/Metal Clips	$70
☐	16P	Rear Bumper Step Pad	$100
☐	63B	Side Marker LED Sideview Mirrors, -inc: driver side - red/passenger side - blue, Located on exterior mirror housing, LED lights only, Wiring and controller not included	$490
☑	51R	Driver Only LED Bulb Spot Lamp (Unity)	$400
☐	51T	Driver Only LED Bulb Spot Lamp (Whelen)	$420
☐	51S	Dual Driver & Passenger LED Bulb Spot Lamps (Unity)	$790
☐	51V	Dual Driver & Passenger LED Bulb Spot Lamps (Whelen)	$880
☐	92G	2nd Row, Rear Quarter & Liftgate Window Solar Tint, -inc: Door glass, Deletes privacy glass	$120
☐	92R	2nd Row Only Solar Tint, -inc: Door glass, privacy glass on rear quarter and liftgate window	$90
☑	153	Front License Plate Bracket	$0
☐	16D	Badge Delete, -inc: Deletes the Police Interceptor badging on rear liftgate and the Interceptor badging on front hood (EcoBoost)	$0
☐	66A	Front Headlamp Lighting Solution, -inc: LED low beam/high beam headlamp, wig-wag function and (2) red/blue/white LED side warning lights in each headlamp (factory configured: driver's side white/red/passenger side white/blue), Wiring and LED lights included (in headlamps only; grille lights not included), Controller not included, Grille LED Lights, Siren & Speaker Pre-Wiring	$900
☐	66B	Tail Lamp Lighting Solution, -inc: LED tail lamp wig-wag module (red/white - red brake lights and white reverse lights, LED lights only, Wiring and controller not included	$430
☐	66C	Rear Lighting Solution, -inc: (2) backlit flashing linear high-intensity LED lights (driver's side red/passenger side blue) mounted to inside liftgate glass and (2) backlit flashing linear high-intensity LED lights (driver's side red/passenger side blue) installed on inside lip of liftgate (lights activate when liftgate is open), LED lights only, Wiring and controller not included	$460
☐	21L	Front Warning Auxiliary LED Lights, -inc: driver side - red/passenger side - blue	$580
☐	43A	Rear Auxiliary Liftgate Lights, -inc: red/blue LED lights; located beneath liftgate glass in applique panel, LED lights only, Wiring and controller not included	$400
☐	63L	Rear Quarter Glass Side Marker LED Lights, -inc: driver side - red/passenger side - blue, LED lights only, Wiring and controller not included	$580
☐	96T	Rear Spoiler Traffic Warning LED Lights, -inc: Fully integrated in rear spoiler for enhanced visibility, Provides red/blue/amber directional lighting - fully programmable	$1500
☐	51P	Driver Only Spot Lamp Prep Kit, -inc: Does not include spot lamp housing and bulb	$140
☐	51W	Dual Driver & Passenger Spot Lamp Prep Kit, -inc: Does not include spot lamp housing and bulbs	$300
☐	18X	100 Watt Siren/Speaker w/Bracket & Pigtail	$350
☐	59E	Keyed Alike - 1435x	$50
☐	59B	Keyed Alike - 1284x	$50
☐	59D	Keyed Alike - 0135x	$50
☐	59F	Keyed Alike - 0576x	$50
☐	59J	Keyed Alike - 1111x	$50
☐	59C	Keyed Alike - 1294x	$50
☐	59G	Keyed Alike - 0151x	$50
☐	90D	Driver Only Ballistic Door-Panels (Level III+), -inc: Front-door, Tested and meets the requirements of NIJ standard 0108.01 Level III: 7.62 x 51 mm 9.7g M80 (.308 Winchester 150gr), Per LAPD requirements, they're also designed to withstand special threat rounds: 7.62 x 39 mm MSC 7.9g (Type 56), 5.56 x 45 mm M193 3.36g and 5.56 x 45mm M855 4g	$1590
☐	90E	Ballistic Door-Panels (Level III+), -inc: Driver and passenger front-doors, Tested and meets the requirements of NIJ standard 0108.01 Level III: 7.62 x 51 mm 9.7g M80 (.308 Winchester 150gr), Per LAPD requirements, they're also designed to withstand special threat rounds: 7.62 x 39 mm MSC 7.9g (Type 56), 5.56 x 45 mm M193 3.36g and 5.56 x 45mm M855 4g	$3170
☐	90F	Driver Only Ballistic Door-Panels (Level IV+), -inc: Front-door, Tested and meets the requirements of NIJ standard 0108.01 Level IV: .30-06 M2 AP 166gr (7.62 x 63 APM2 10.8g), Also designed to withstand special threat rounds: 7.62 x 54R LPS 9.65g and 7.62 x 51 mm M61 9.75g (.308 Winchester 150.5gr), In addition, Level IV+ includes all of the NIJ Level III and LAPD rounds listed in footnote 1	$2420
☐	90G	Ballistic Door-Panels (Level IV+), -inc: Driver and passenger front-doors, Tested and meets the requirements of NIJ standard 0108.01 Level IV: .30-06 M2 AP 166gr (7.62 x 63 APM2 10.8g), Also designed to withstand special threat rounds: 7.62 x 54R LPS 9.65g and 7.62 x 51 mm M61 9.75g (.308 Winchester 150.5gr), In addition, Level IV+ includes all of the NIJ Level III and LAPD rounds listed in footnote 1	$4830
☐	87A	4-Way Manual Passenger Seat, -inc: 2-way manual track w/2-way manual recline	$-125
☐	52P	Hidden Door-Lock Plunger, -inc: Rear-Door Controls Inoperable, Locks, handles and windows, Can manually remove window or door disable plate w/special	$160

☑	66G	operable from driver's door switches	$60
☑	18D	Global Lock/Unlock Feature, -inc: Door-panel switches will lock/unlock all doors and rear liftgate, Eliminates the 45-second liftgate lock release + paitro timer, Overhead liftgate button and blue liftgate release button on key fob will not have any function when pressed w/this option	$0
☐	17B	Less Rear Auxiliary A/C System	$-300
☐	16C	1st & 2nd Row Carpet Floor Covering, -inc: front and rear carpeted floor mats	$150
☐	63V	Cargo Storage Vault, -inc: lockable door and compartment light	$270
☑	87M	8" Rear Camera Image, -inc: In upper lefthand quadrant of display, 1/4 size picture in picture	$0
☐	91Y	121 MPH Speed Limiter	$20
☐	91Z	131 MPH Speed Limiter	$20
☐	67V	Front & Rear Police Wire Harness Connector Kit, -inc: For connectivity to Ford PI Package solutions includes front (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector, (1) 14-pin IP connector, rear (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector and (1) 14-pin IP connector	$200
☐	60R	Noise Suppression Bonds (Ground Straps)	$100
☐	85D	Front Console Plate Delete	$0
☐	85R	Rear Console Plate, -inc: Contours through 2nd row; channel for wiring	$60
☐	ZNB	Front Red Driver Side & Blue Passenger Side	$300
☐	ZMN	PIU Delete Siren	$-46
☐	ZMM	PIU Delete Hidden Door Lock & Plunger	$-130
☐	ZNE	PIU Front Red Driver Side & Blue Passenger Side	$300
☐	ZNC	PIU Front Marker Blue & Blue	$300
☐	ZND	PIU Front Marker Red & Red	$300
☐	ZNF	PIU Front Marker White & White	$300
☐	ZMU	PIU Front Auxiliary Blue & Blue	$226
☐	ZMV	PIU Front Auxiliary Red & Red	$226
☐	ZN8	PIU Front Marker Blue & White	$301
☐	ZN9	PIU Front Marker Red & White	$300
☐	ZNA	PIU Front Marker Red & Blue Split	$300
☐	ZMY	PIU Grille Amber & Amber	$1332
☐	ZMW	PIU Grille Blue & Blue	$57
☐	ZMX	PIU Grille Red & Red	$57
☐	ZMZ	PIU Light Control Delete	$-228
☐	ZMQ	PIU Mirror Blue & Blue	$62
☐	ZMR	PIU Mirror Red & Red	$62
☐	ZN2	PIU Rear LED Amber & Amber	$350
☐	ZN0	PIU Rear LED Blue & Blue	$64
☐	ZN1	PIU Rear LED Red & Red	$63
☐	ZMO	PIU Rear Liftgate Blue & Blue	$190
☐	ZMP	PIU Rear Liftgate Red & Red	$190
☐	ZN3	PIU Rear Marker Blue & Blue	$69
☐	ZN4	PIU Rear Marker Red & Red	$69
☐	ZN7	PIU Rear Marker Amber & Amber	$200
☐	ZN5	PIU Rear Marker Red & Blue Split	$69
☐	ZMS	PIU Rear Quarter Blue & Blue	$62
☐	ZMT	PIU Rear Quarter Red & Red	$62
☐	ZML	PIU Rear Spoiler Amber	$140
☐	ZN6	Rear Marker Red Driver Side & Blue Passenger Side	$68

OPTION PACKAGE (Must Pick One)

State	Code	Description	MSRP
☑	500A	Order Code 500A	$0

Once you complete your build, an advisor will contact you to review your request

PRICING SUMMARY

	MSRP
Base Price	$48550
Manufacturer Destination Charge	$1695
Total Options Price	$480
Total Price	**$50725** ← MSRP only. Not your Sourcew price.

View the Sourcewell Price Report

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Sourcewell
Formerly NJPA

Awarded Contract

National Auto Fleet Group
A Division of Chevrolet of Watsonville

2026 Model Year FLORIDA Price Schedule

CONTRACT # 2026 091521-NAF & 032824-NAF



5330 US HWY 27 SOUTH, SEBRING FL 33870

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Ashlee.Wilson@AlanJay.com
scott.wilson@alanjay.com

Class 1-3 vehicles

091521-NAF EXP: 11/8/2026

Class 4-8 vehicles

032824-NAF EXP: 7/8/2028

Thank you from the entire Alan Jay Fleet family for allowing us to serve your past, present, and future needs.

With the open of 2026 order banks, the auto industry has emerged out of the global supply chain shortages. Though there are still some challenges, we are mostly back to business as usual.

- STABALIZED PRICING
- ELONGATED ORDER WINDOWS
- IMPROVED LEAD TIME TO DELIVER
- FULL VEHICLE LINE OFFERING

The following is listing of 2026 production vehicles and associated equipment in conformance with our Sourcewell bid award.

Sourcewell
Formerly NJPA

Awarded Contract

"EXCELLENCE IS NOT AN ACT, BUT A HABIT" - Aristotle

Mr. Chris Wilson
Alan Jay Automotive Network
441 US Hwy. 27 North. Sebring, FL 33871

Authorization # 7301 Renewed R3

Recitals: National Auto Fleet Group, a wholly owned subsidiary of Chevrolet of Watsonville was the successful bidder on the National Joint Powers Alliance Bid Number 091521 CLASS 1-3 **"VEHICLES, CARS, VANS, SUV'S AND LIGHT TRUCKS WITH RELATED ACCESSORIES". Valid until November 8th, 2025.**
Bid Number: 032824 "CLASS 4-8 CHASSI WITH RELATED EQUIPMENT, ACCESSORIES, AND SERVICES" Valid until July 1st, 2028.

The subsequent contract **resulting from bid number 091521 does not expire until November 8th, 2025 and bid number 032824 does not expire until July 1st, 2028**. In an effort to provide passenger cars, light duty medium duty and heavy duty trucks with accessories, National Auto Fleet Group elected to create **Alan Jay Automotive Management, Inc.** an **APPROVED ASSOCIATE DEALER.**

Your proposal offering is hereby accepted and is awarded for: Alan Jay Nissan, Alan Jay Chevrolet Cadillac, Inc. d/b/a Alan Jay Chevrolet Buick GMC Cadillac, Alan Jay Ford Lincoln Mercury, Inc. d/b/a Alan Jay Ford Lincoln, Alan Jay Import Center Inc. d/b/a Alan Jay Toyota, Alan Jay Enterprises of Wauchula, Inc., d/b/a Alan Jay Chrysler Dodge Jeep of Wauchula d/b/a Alan Jay Chevrolet of Wauchula, Alan Jay Ford of Wauchula, Inc., Alan Jay Chrysler Jeep, Inc. d/b/a Alan Jay Kia, Tropical Chevrolet, Inc. As an ASSOCIATE DEALER, you are now bound to terms and conditions of the ASSOCIATE DEALER AGREEMENT.

National Auto Fleet Group has selected **Alan Jay Automotive Management, Inc.** to conduct business within the states of **Florida, Alabama, Georgia, North Carolina, and South Carolina** to sell service and deliver Passenger Cars, Light, Medium & Heavy-Duty Trucks under our national contract 120716 and 060920, to any city or county, political sub-division.

ALAN JAY AUTOMOTIVE NETWORK
X
Chris Wilson, Fleet Sales Manager
441 US Hwy. 27 North Sebring, FL 33870

NATIONAL AUTO FLEET GROUP
X
Jesse Cooper, National Manager
490 Auto Center Drive Watsonville CA 95076

ALAN JAY FLEET SALES
CHEVROLET
Sourcewell Formerly NJPA
Awarded Contract

863-385-9610

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
1	1MG26 2FL	2026 CHEVY BLAZER EV AWD SSV	$62,095	$51,914
2	1MF26 2FL	2026 CHEVY BLAZER EV AWD 9C1 MARKED POLICE	$56,495	$46,299
3	1MF26 2FL	2026 CHEVY BLAZER EV AWD 9C3 DETECTIVE POLICE	$56,095	$45,899
4	CC10706 1FL	2026 CHEVY TAHOE 2WD 9C1 POLICE	$56,795	$52,849
8	CK10706 1FL	2026 CHEVY TAHOE 4WD 9C1 POLICE	$59,795	$55,762
11	CK10706 1FL	2026 CHEVY TAHOE 4WD 5W4 SSV	$59,895	$55,859
14	CK10543 1WT	2026 CHEVY SILVERADO 1500 CREW CAB 4WD 9C1 POLICE 5.5' BED	$55,800	$48,963
22	1TR58 1LS	2026 CHEVY TRAX FWD LS	$22,995	$22,147
23	1TU58 1LT	2026 CHEVY TRAX FWD LT	$24,495	$23,646
24	1TR56 1LS	2026 CHEVY TRAILBLAZER FWD LS	$24,295	$22,648
25	1TU56 1LT	2026 CHEVY TRAILBLAZER FWD LT	$25,495	$23,847
26	1TS56 1SA	2026 CHEVY TRAILBLAZER FWD ACTIV	$28,895	$27,246
27	1TV56 1LS	2026 CHEVY TRAILBLAZER AWD LS	$26,295	$24,647
28	1TW56 1LT	2026 CHEVY TRAILBLAZER AWD LT	$27,495	$25,846
29	1TX56 1SA	2026 CHEVY TRAILBLAZER AWD ACTIV	$30,495	$28,844
30	1PT26 1LT	2026 CHEVY EQUINOX FWD LT	$29,995	$27,267
31	1PR26 XDB	2026 CHEVY EQUINOX FWD ACTIV	$34,395	$31,617
32	1PS26 1RS	2026 CHEVY EQUINOX FWD RS	$34,395	$31,617
33	1PT26 2LT	2026 CHEVY EQUINOX AWD LT	$31,995	$29,244
34	1PR26 KDZ	2026 CHEVY EQUINOX AWD ACTIV	$36,395	$33,594
35	1PS26 2RS	2026 CHEVY EQUINOX AWD RS	$36,395	$33,594
36	1MB48 2LT	2026 CHEVY Equinox EV FWD LT	$36,495	$26,752
37	1MM48 2RS	2026 CHEVY Equinox EV FWD RS	$45,595	$36,047
38	1NK26 2LT	2026 CHEVY BLAZER FWD LT	$36,095	$33,627
39	1NR26 2LT	2026 CHEVY BLAZER AWD LT	$38,795	$36,295
40	1NK26 3LT	2026 CHEVY BLAZER FWD LT	$41,495	$38,965
41	1NR26 3LT	2026 CHEVY BLAZER AWD LT	$44,195	$41,635
42	1NL26 RS	2026 CHEVY BLAZER FWD RS	$45,395	$42,821
43	1NS26 RS	2026 CHEVY BLAZER AWD RS	$48,295	$45,688
44	1MC26 2LT	2026 CHEVY BLAZER EV FWD LT	$46,095	$35,873
45	1MC26 4LT	2026 CHEVY BLAZER EV AWD LT	$49,095	$38,880
46	1MD26 1RS	2026 CHEVY BLAZER EV FWD RS	$51,912	$41,706

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
47	1MD26 2RS	2026 CHEVY BLAZER EV AWD RS	$54,895	$44,695
48	1LB56 1LT	2026 CHEVY TRAVERSE FWD LT	$42,695	$38,952
49	1LB56 2LT	2026 CHEVY TRAVERSE AWD LT	$44,695	$40,929
50	1LD56 1LZ	2026 CHEVY TRAVERSE FWD HIGH COUNTRY	$56,995	$53,090
51	1LD56 2LZ	2026 CHEVY TRAVERSE AWD HIGH COUNTRY	$58,995	$55,068
52	CK10706 1FL	2026 CHEVY TAHOE 4WD COMMERCIAL	$63,695	$60,079
53	CC10706 1LS	2026 CHEVY TAHOE 2WD LS	$62,995	$59,959
54	CK10706 1LS	2026 CHEVY TAHOE 4WD LS	$65,995	$62,900
55	CC10706 1LT	2026 CHEVY TAHOE 2WD LT	$65,995	$62,900
56	CK10706 1LT	2026 CHEVY TAHOE 4WD LT	$68,995	$65,840
57	CC10706 1LZ	2026 CHEVY TAHOE 2WD PREMIER	$77,895	$74,563
58	CK10706 1LZ	2026 CHEVY TAHOE 4WD PREMIER	$80,895	$77,504
59	CK10706 1SP	2026 CHEVY TAHOE 4WD RST	$70,995	$67,801
60	CK10706 2Z7	2026 CHEVY TAHOE 4WD Z71	$72,995	$69,761
61	CC10906 1LS	2026 CHEVY SUBURBAN 1500 2WD LS	$65,995	$62,394
62	CK10906 1LS	2026 CHEVY SUBURBAN 1500 4WD LS	$68,995	$65,334
63	CC10906 1LT	2026 CHEVY SUBURBAN 1500 2WD LT	$68,995	$65,334
64	CK10906 1LT	2026 CHEVY SUBURBAN 1500 4WD LT	$71,995	$68,274
65	CC10906 1LZ	2026 CHEVY SUBURBAN 1500 2WD PREMIER	$80,895	$76,998
66	CK10906 1LZ	2026 CHEVY SUBURBAN 1500 4WD PREMIER	$83,895	$79,937
67	CC10906 1SP	2026 CHEVY SUBURBAN 1500 2WD RST	$73,995	$70,234
68	CK10906 1SP	2026 CHEVY SUBURBAN 1500 4WD RST	$76,995	$73,175
69	CK10906 2Z7	2026 CHEVY SUBURBAN 1500 4WD Z71	$75,995	$72,195
70	CG23405 1WT	2026 CHEVY EXPRESS CARGO 2500 RWD 135" WB (NO REAR GLASS)	$44,595	$39,567
71	CJ32705 EJZ	2026 CHEVY BRIGHTDROP 400 eFWD NONE 153" WB ELECTRIC VAN	$67,925	$54,827
72	CM32705 EJZ	2026 CHEVY BRIGHTDROP 400 eAWD NONE 153" WB ELECTRIC VAN	$70,525	$57,526
73	CJ32905 EJZ	2026 CHEVY BRIGHTDROP 400 eFWD NONE 183.47" WB ELECTRIC VAN	$69,425	$56,384
74	CM32905 EJZ	2026 CHEVY BRIGHTDROP 400 eAWD NONE 183.47" WB ELECTRIC VAN	$72,025	$59,083
75	CG23705 1WT	2026 CHEVY EXPRESS CARGO 2500 RWD 155" WB (NO REAR GLASS)	$46,495	$41,405
78	CG33405 1WT	2026 CHEVY EXPRESS CARGO 3500 RWD 135" WB (NO REAR GLASS)	$48,545	$42,960
79	CG33705 1WT	2026 CHEVY EXPRESS CARGO 3500 RWD 155" WB (NO REAR GLASS)	$49,345	$43,733
82	CG23406 1LS	2026 CHEVY EXPRESS PASSENGER 2500 RWD 135" WB (12-PASSENGER BASE)	$50,345	$44,915

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
86	CG33406 1LS	2026 CHEVY EXPRESS PASSENGER 3500 RWD 135" WB (12-PASSENGER BASE)	$51,545	$45,648
90	CG33706 1LS	2026 CHEVY EXPRESS PASSENGER 3500 RWD 155" WB (12-PASSENGER BASE)	$52,345	$46,849
94	CG33503 1WT	2026 CHEVY EXPRESS 3500 COMMERCIAL CUTAWAY RWD SRW 139" WB 9,900 GVWR	$40,045	$34,738
95	CG33803 1WT	2026 CHEVY EXPRESS 3500 COMMERCIAL CUTAWAY RWD SRW 159" WB 10,050 GVWR	$41,595	$36,344
96	CG33903 1WT	2026 CHEVY EXPRESS 3500 COMMERCIAL CUTAWAY RWD DRW 177" WB 12,300 GVWR	$41,745	$36,489
98	CG33803 2WT	2026 CHEVY EXPRESS 4500 COMMERCIAL CUTAWAY RWD DRW 159" WB 14,200 GVWR	$43,895	$38,569
99	CG33903 2WT	2026 CHEVY EXPRESS 4500 COMMERCIAL CUTAWAY RWD DRW 177" WB 14,200 GVWR	$44,545	$39,197
100	CT35843 4WT	2026 CHEVY SILVERADO EV CREW CAB PICKUP 4WD 4WT STD RANGE 5' BED	$54,895	$44,719
101	CT35843 5WT	2026 CHEVY SILVERADO EV CREW CAB PICKUP 4WD 5WT EXT RANGE 5' BED	$68,295	$58,153
102	CT35843 8WT	2026 CHEVY SILVERADO EV CREW CAB PICKUP 4WD 8WT MAX RANGE 5' BED	$76,295	$66,174
103	CT35843 1LT	2026 CHEVY SILVERADO EV CREW CAB PICKUP 4WD 1LT EXT RANGE 5' BED	$91,295	$81,213
104	14C43 2WT	2026 CHEVY COLORADO CREW CAB PICKUP 2WD 131" WB WT 5' BED 23" CA	$34,495	$32,736
105	14C43 2LT	2026 CHEVY COLORADO CREW CAB PICKUP 2WD 131" WB LT 5' BED 23" CA	$38,095	$36,295
106	14C43 4WT	2026 CHEVY COLORADO CREW CAB PICKUP 4WD 131" WB WT 5' BED 23" CA	$37,795	$35,999
107	14C43 4LT	2026 CHEVY COLORADO CREW CAB PICKUP 4WD 131" WB LT 5' BED 23" CA	$41,395	$39,557
108	CC10703 1WT	2026 CHEVY SILVERADO 1500 REGULAR CAB PICKUP 2WD WT 6.5' BED	$39,495	$35,794
109	CK10703 1WT	2026 CHEVY SILVERADO 1500 REGULAR CAB PICKUP 4WD WT 6.5' BED	$44,095	$39,734
110	CC10903 1WT	2026 CHEVY SILVERADO 1500 REGULAR CAB PICKUP 2WD WT 8' BED	$39,695	$35,993
112	CK10903 1WT	2026 CHEVY SILVERADO 1500 REGULAR CAB PICKUP 4WD WT 8' BED	$44,295	$39,933
114	CC10753 1WT	2026 CHEVY SILVERADO 1500 DOUBLE CAB PICKUP 2WD WT 6.5' BED	$42,795	$37,155
116	CK10753 1WT	2026 CHEVY SILVERADO 1500 DOUBLE CAB PICKUP 4WD WT 6.5' BED	$46,095	$39,801
118	CC10753 1CX	2026 CHEVY SILVERADO 1500 DOUBLE CAB PICKUP 2WD CUSTOM 6.5' BED	$44,995	$38,893
119	CK10753 1CX	2026 CHEVY SILVERADO 1500 DOUBLE CAB PICKUP 4WD CUSTOM 6.5' BED	$48,295	$41,503
120	CC10753 1LT	2026 CHEVY SILVERADO 1500 DOUBLE CAB PICKUP 2WD LT 6.5' BED	$50,495	$43,801
123	CK10753 1LT	2026 CHEVY SILVERADO 1500 DOUBLE CAB PICKUP 4WD LT 6.5' BED	$53,795	$46,375
126	CC10543 1WT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 2WD WT 5.5' BED	$45,195	$39,440
128	CC10543 1CX	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 2WD CUSTOM 5.5' BED	$47,295	$41,053
129	CC10543 1LT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 2WD LT 5.5' BED	$52,895	$46,033
132	CC10543 1LZ	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 2WD LTZ 5.5' BED	$60,595	$53,539
133	CK10543 1WT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD WT 5.5' BED	$48,495	$42,085
135	CK10543 1CX	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD CUSTOM 5.5' BED	$50,695	$43,762
136	CK10543 1LT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD LT 5.5' BED	$54,995	$47,438

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139	CK10543 1LZ	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD LTZ 5.5' BED	$63,895	$56,114
140	CC10743 1WT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 2WD WT 6.5' BED	$45,495	$39,738
141	CK10743 1WT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD WT 6.5' BED	$48,795	$42,384
143	CK10743 1CX	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD CUSTOM 6.5' BED	$50,995	$44,057
145	CC10743 1LT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 2WD LT 6.5' BED	$53,195	$45,684
148	CK10743 1LT	2026 CHEVY SILVERADO 1500 CREW CAB PICKUP 4WD LT 6.5' BED	$56,495	$48,900
151	CC20903 1WT	2026 CHEVY SILVERADO 2500HD REGULAR CAB PICKUP 2WD WT 8' BED	$48,195	$44,112
154	CK20903 1WT	2026 CHEVY SILVERADO 2500HD REGULAR CAB PICKUP 4WD WT 8' BED	$50,995	$46,214
156	CK20903 1LT	2026 CHEVY SILVERADO 2500HD REGULAR CAB PICKUP 4WD LT 8' BED	$54,795	$49,380
158	CC20753 1WT	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 2WD WT 6.5' BED	$49,895	$44,601
160	CC20753 1CX	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 2WD CUSTOM 6.5' BED	$51,395	$46,071
162	CK20753 1WT	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 4WD WT 6.5' BED	$52,695	$46,704
164	CK20753 1LT	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 4WD LT 6.5' BED	$56,795	$50,142
166	CC20953 1WT	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 2WD WT 8' BED	$50,095	$44,797
168	CC20953 1CX	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 2WD CUSTOM 8' BED	$51,595	$46,267
170	CK20953 1WT	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 4WD WT 8' BED	$52,895	$46,900
172	CK20953 1LT	2026 CHEVY SILVERADO 2500HD DOUBLE CAB PICKUP 4WD LT 8' BED	$56,995	$50,336
174	CC20743 1WT	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 2WD WT 6.5' BED	$51,695	$46,579
176	CC20743 1CX	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 2WD CUSTOM 6.5' BED	$53,195	$48,049
178	CK20743 1WT	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 4WD WT 6.5' BED	$54,495	$48,682
180	CK20743 1LT	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 4WD LT 6.5' BED	$58,595	$52,101
182	CC20943 1WT	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 2WD WT 8' BED	$51,895	$46,775
184	CC20943 1CX	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 2WD CUSTOM 8' BED	$53,395	$48,245
186	CK20943 1WT	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 4WD WT 8' BED	$54,695	$48,878
188	CK20943 1LT	2026 CHEVY SILVERADO 2500HD CREW CAB PICKUP 4WD LT 8' BED	$58,795	$52,294
190	CC30903 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB PICKUP 2WD SRW WT 8' BED	$49,395	$45,288
193	CK30903 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB PICKUP 4WD SRW WT 8' BED	$52,195	$47,390
195	CK30903 1LT	2026 CHEVY SILVERADO 3500HD REGULAR CAB PICKUP 4WD SRW LT 8' BED	$55,995	$50,543
197	CC30953 1WT	2026 CHEVY SILVERADO 3500HD DOUBLE CAB PICKUP 2WD SRW WT 8' BED	$51,295	$45,973
200	CK30953 1WT	2026 CHEVY SILVERADO 3500HD DOUBLE CAB PICKUP 4WD SRW WT 8' BED	$54,095	$48,076
202	CK30953 1LT	2026 CHEVY SILVERADO 3500HD DOUBLE CAB PICKUP 4WD SRW LT 8' BED	$58,195	$51,499
204	CC30743 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 2WD SRW WT 6.5' BED	$52,895	$47,756

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207	CK30743 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 4WD SRW WT 6.5' BED	$55,695	$49,858
209	CK30743 1LT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 4WD SRW LT 6.5' BED	$59,795	$53,264
211	CC30943 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 2WD SRW WT 8' BED	$53,095	$47,952
214	CK30943 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 4WD SRW WT 8' BED	$55,895	$50,054
216	CK30943 1LT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 4WD SRW LT 8' BED	$59,995	$53,459
218	CC30903 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB PICKUP 2WD DRW WT 8' BED	$50,595	$46,464
221	CK30903 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB PICKUP 4WD DRW WT 8' BED	$53,395	$48,566
223	CK30903 1LT	2026 CHEVY SILVERADO 3500HD REGULAR CAB PICKUP 4WD DRW LT 8' BED	$57,395	$51,900
225	CC30953 1WT	2026 CHEVY SILVERADO 3500HD DOUBLE CAB PICKUP 2WD DRW WT 8' BED	$52,495	$47,150
228	CK30953 1WT	2026 CHEVY SILVERADO 3500HD DOUBLE CAB PICKUP 4WD DRW WT 8' BED	$55,295	$49,252
230	CK30953 1LT	2026 CHEVY SILVERADO 3500HD DOUBLE CAB PICKUP 4WD DRW LT 8' BED	$59,595	$52,856
232	CC30943 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 2WD DRW WT 8' BED	$54,295	$49,128
235	CK30943 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 4WD DRW WT 8' BED	$57,095	$51,230
237	CK30943 1LT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 4WD DRW LT 8' BED	$61,395	$54,816
239	CC31003 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 2WD DRW WT 60" CA	$48,595	$44,397
241	CC31003 1LT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 2WD DRW LT 60" CA	$52,595	$47,782
243	CK31003 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 4WD DRW WT 60" CA	$51,395	$46,499
245	CK31003 1LT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 4WD DRW LT 60" CA	$55,395	$49,855
247	CC31403 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 2WD DRW WT 84" CA	$48,795	$44,593
249	CC31403 1LT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 2WD DRW LT 84" CA	$52,795	$47,976
251	CK31403 1WT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 4WD DRW WT 84" CA	$51,595	$46,695
253	CK31403 1LT	2026 CHEVY SILVERADO 3500HD REGULAR CAB CHASSIS 4WD DRW LT 84" CA	$55,595	$50,048
255	CC31043 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB PICKUP 2WD DRW WT 84" CA	$52,295	$47,489
257	CC31043 1LT	2026 CHEVY SILVERADO 3500HD CREW CAB CHASSIS 2WD DRW LT 60" CA	$56,595	$51,125
259	CK31043 1WT	2026 CHEVY SILVERADO 3500HD CREW CAB CHASSIS 4WD DRW WT 60" CA	$55,095	$49,591
261	CK31043 1LT	2026 CHEVY SILVERADO 3500HD CREW CAB CHASSIS 4WD DRW LT 60" CA	$59,395	$53,197
271	CP11003 1WT	2026 CHEVY 3500 HG LCF GAS REGULAR CAB CHASSIS 2WD 109" WB WT 86" CA	$65,335	$50,339
272	CP12003 1WT	2026 CHEVY 3500 HG LCF GAS REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$66,195	$51,046
273	CP13003 1WT	2026 CHEVY 3500 HG LCF GAS REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$67,410	$52,045
274	CP14003 1WT	2026 CHEVY 3500 HG LCF GAS REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$68,075	$52,593
275	CP13043 1WT	2026 CHEVY 3500 HG LCF GAS CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$73,710	$57,551
276	CP14043 1WT	2026 CHEVY 3500 HG LCF GAS CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$74,375	$57,777

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277	CP31003 1WT	2026 CHEVY 4500 HG LCF GAS REGULAR CAB CHASSIS 2WD 109" WB WT 86" CA	$68,160	$51,593
278	CP32003 1WT	2026 CHEVY 4500 HG LCF GAS REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$69,015	$52,296
279	CP33003 1WT	2026 CHEVY 4500 HG LCF GAS REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$70,220	$53,288
280	CP34003 1WT	2026 CHEVY 4500 HG LCF GAS REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$70,880	$53,832
281	CP33043 1WT	2026 CHEVY 4500 HG LCF GAS CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$76,525	$58,476
282	CP34043 1WT	2026 CHEVY 4500 HG LCF GAS CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$77,180	$59,015
283	CT31003 1WT	2026 CHEVY 4500 HD LCF DIESEL REGULAR CAB CHASSIS 2WD 109" WB WT 86" CA	$73,565	$56,040
284	CT32003 1WT	2026 CHEVY 4500 HD LCF DIESEL REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$73,975	$56,377
285	CT33003 1WT	2026 CHEVY 4500 HD LCF DIESEL REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$74,475	$56,789
286	CT34003 1WT	2026 CHEVY 4500 HD LCF DIESEL REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$75,265	$57,439
287	CT33043 1WT	2026 CHEVY 4500 HD LCF DIESEL CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$79,260	$60,726
288	CT34043 1WT	2026 CHEVY 4500 HD LCF DIESEL CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$80,045	$61,372
289	CT41003 1WT	2026 CHEVY 4500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 109" WB WT 86" CA	$75,315	$57,480
290	CT42003 1WT	2026 CHEVY 4500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$75,720	$57,814
291	CT43003 1WT	2026 CHEVY 4500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$76,235	$58,238
292	CT44003 1WT	2026 CHEVY 4500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$77,020	$58,883
293	CT43043 1WT	2026 CHEVY 4500 XD LCF DIESEL CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$81,020	$62,174
294	CT44043 1WT	2026 CHEVY 4500 XD LCF DIESEL CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$81,800	$62,816
295	CP52003 1WT	2026 CHEVY 5500 HG LCF GAS REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$73,575	$54,979
296	CP53003 1WT	2026 CHEVY 5500 HG LCF GAS REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$74,950	$56,110
297	CP54003 1WT	2026 CHEVY 5500 HG LCF GAS REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$75,695	$56,723
298	CP53043 1WT	2026 CHEVY 5500 HG LCF GAS CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$82,090	$61,985
299	CP54043 1WT	2026 CHEVY 5500 HG LCF GAS CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$82,835	$62,598
300	CP62003 1WT	2026 CHEVY 5500 XG LCF GAS REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$75,150	$56,275
301	CP63003 1WT	2026 CHEVY 5500 XG LCF GAS REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$81,615	$61,594
302	CP64003 1WT	2026 CHEVY 5500 XG LCF GAS REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$77,270	$58,019
303	CP63043 1WT	2026 CHEVY 5500 XG LCF GAS CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$83,665	$63,281
304	CP64043 1WT	2026 CHEVY 5500 XG LCF GAS CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$84,410	$63,894
305	CT61003 1WT	2026 CHEVY 5500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 109" WB WT 86" CA	$80,690	$60,833
306	CT62003 1WT	2026 CHEVY 5500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 132" WB WT 110" CA	$81,095	$61,166
307	CT63003 1WT	2026 CHEVY 5500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 150" WB WT 127" CA	$81,615	$61,594
308	CT64003 1WT	2026 CHEVY 5500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 176" WB WT 153" CA	$82,440	$62,273

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309	CT63043 1WT	2026 CHEVY 5500 XD LCF DIESEL CREW CAB CHASSIS 2WD 150" WB WT 88" CA	$86,375	$65,510
310	CT64043 1WT	2026 CHEVY 5500 XD LCF DIESEL CREW CAB CHASSIS 2WD 176" WB WT 114.5" CA	$87,175	$66,169
311	CT73203 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 152" WB WT 127" CA	$108,440	$84,068
312	CT73903 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 170" WB WT 145" CA	$108,620	$84,216
313	CT74503 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 188" WB WT 163" CA	$108,795	$84,360
314	CT75003 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 200" WB WT 175" CA	$108,900	$84,446
315	CT76003 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 212" WB WT 187" CA	$109,020	$84,546
316	CT76503 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 224" WB WT 199" CA	$109,140	$84,644
317	CT77603 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 236" WB WT 211" CA	$109,255	$84,739
318	CT78803 1WT	2026 CHEVY 6500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 248" WB WT 223" CA	$109,360	$84,826
319	CT83203 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 152" WB WT 127" CA	$117,255	$91,322
320	CT83903 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 170" WB WT 145" CA	$117,425	$91,462
321	CT84503 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 188" WB WT 163" CA	$117,600	$91,606
322	CT85003 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 200" WB WT 175" CA	$117,715	$91,700
323	CT86003 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 212" WB WT 187" CA	$117,835	$91,799
324	CT86503 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 224" WB WT 199" CA	$117,950	$91,893
325	CT87603 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 236" WB WT 211" CA	$118,065	$91,988
326	CT88803 1WT	2026 CHEVY 7500 XD LCF DIESEL REGULAR CAB CHASSIS 2WD 248" WB WT 223" CA	$118,180	$92,082

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
5	RUCL53 27E	2026 CHRYSLER VOYAGER FWD TOURING L	$41,990	$41,522
6	RUCH53 27L	2026 CHRYSLER PACIFICA FWD SELECT	$44,460	$42,282
7	RUCT53 27P	2026 CHRYSLER PACIFICA FWD LIMITED	$52,380	$49,977
8	RUFH53 27L	2026 CHRYSLER PACIFICA AWD SELECT	$47,455	$45,279
9	RUFT53 27P	2026 CHRYSLER PACIFICA AWD LIMITED	$55,375	$52,967
10	RUET53 2EP	2026 CHRYSLER PACIFICA FWD SELECT	$53,065	$51,039

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
1	WDEE75 2BZ	2026 DODGE DURANGO AWD POLICE PURSUIT	$47,034	$40,643
4	WDEE75 22Z	2026 DODGE DURANGO AWD POLICE PURSUIT	$50,114	$43,482
9	WDDH75 2BD	2026 DODGE DURANGO RWD GT	$40,490	$36,777
10	WDEH75 2BD	2026 DODGE DURANGO AWD GT	$42,490	$38,782
11	WDEH75 2BH	2026 DODGE DURANGO AWD GT PLUS	$46,490	$42,505
12	WDES75 22S	2026 DODGE DURANGO AWD R/T	$51,990	$48,300
13	WDES75 22T	2026 DODGE DURANGO AWD R/T PLUS	$54,990	$51,093

ALAN JAY FLEET SALES

Sourcewell Formerly NJPA
Awarded Contract

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
1	K8A 500A	2026 FORD POLICE INTERCEPTOR UTILITY AWD (99B 44U)	$50,245	$44,500
4	K8A 500A	2026 FORD POLICE INTERCEPTOR UTILITY AWD (99W 44U)	$50,245	$44,500
7	K8A 500A	2026 FORD POLICE INTERCEPTOR UTILITY AWD (99C 44U)	$53,095	$47,145
10	W1P 150A	2026 FORD F-150 POLICE RESPONDER SUPER CREW CAB PICKUP 4WD 145" WB XL 5.5' BED	$54,945	$47,219
13	U1G 102A	2026 FORD EXPEDITION 4WD XL SSV	$59,995	$54,642
14	K1G 102A	2026 FORD EXPEDITION MAX 4WD XL SSV	$64,120	$58,671
21	P8T 100A	2026 FORD MUSTANG FASTBACK RWD 100A - AUTO BASE	$34,390	$31,509
22	P8C 300A	2026 FORD MUSTANG GT FASTBACK RWD (WITH 44U - AUTO TRANS)	$48,630	$44,916
23	U0G 200A	2026 FORD ESCAPE FWD ACTIVE	$31,545	$27,739
24	U9G 200A	2026 FORD ESCAPE AWD ACTIVE	$32,945	$29,106
25	U0M 300A	2026 FORD ESCAPE FWD ST LINE	$32,390	$28,564
26	U9M 300A	2026 FORD ESCAPE AWD ST LINE	$33,790	$29,931
27	U0E 700A	2026 FORD ESCAPE FWD PHEV	$36,895	$32,962
35	K7D 100A	2026 FORD EXPLORER RWD ACTIVE	$40,025	$36,402
36	K8D 100A	2026 FORD EXPLORER 4WD ACTIVE	$42,025	$38,355
37	K7K 300A	2026 FORD EXPLORER RWD ST LINE	$46,715	$42,935
38	K8K 300A	2026 FORD EXPLORER 4WD ST LINE	$49,820	$45,943
39	U1H 200A	2026 FORD EXPEDITION 2WD ACTIVE	$64,995	$59,525
40	U1J 200A	2026 FORD EXPEDITION 4WD ACTIVE	$67,995	$62,453
41	U1M 600A	2026 FORD EXPEDITION 4WD PLATINUM	$76,545	$70,801
42	K1H 200A	2026 FORD EXPEDITION MAX 2WD ACTIVE	$67,995	$62,453
43	K1J 200A	2026 FORD EXPEDITION MAX 4WD ACTIVE	$70,995	$65,383
44	K1M 600A	2026 FORD EXPEDITION MAX 4WD PLATINUM	$79,545	$73,731
45	W1Y 101A	2026 FORD E-TRANSIT T-350 CARGO VAN LOW ROOF RWD 148" WB 9500 GVWR	$55,355	$50,217
46	W9C 101A	2026 FORD E-TRANSIT T-350 CARGO VAN MEDIUM ROOF RWD 148" WB 9500 GVWR	$56,570	$51,404
47	W3X 101A	2026 FORD E-TRANSIT T-350 CARGO VAN HIGH ROOF RWD 148" WB 9500 GVWR	$58,770	$53,552
48	W5P 101A	2026 FORD E-TRANSIT T-350 COMMERCIAL CUTAWAY RWD 156" WB 9500 GVWR	$49,545	$46,150
49	W5P 101A	2026 FORD E-TRANSIT T-350 COMMERCIAL CUTAWAY RWD 178" WB 9500 GVWR	$50,245	$46,833
50	E1Y 101A	2026 FORD TRANSIT T-150 CARGO VAN LOW ROOF RWD 130" WB 8670 GVWR	$50,495	$44,969
51	E1Y 101A	2026 FORD TRANSIT T-150 CARGO VAN LOW ROOF RWD 148" WB 8670 GVWR	$51,895	$46,319
52	E2Y 101A	2026 FORD TRANSIT T-150 CARGO VAN LOW ROOF AWD 130" WB 8670 GVWR	$54,395	$48,735
53	E2Y 101A	2026 FORD TRANSIT T-150 CARGO VAN LOW ROOF AWD 148" WB 8670 GVWR	$55,795	$50,086

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
54	R1Y 101A	2026 FORD TRANSIT T-250 CARGO VAN LOW ROOF RWD 130" WB 9150 GVWR	$51,495	$45,934
55	R1Y 101A	2026 FORD TRANSIT T-250 CARGO VAN LOW ROOF RWD 148" WB 9150 GVWR	$52,895	$47,286
56	R2Y 101A	2026 FORD TRANSIT T-250 CARGO VAN LOW ROOF AWD 130" WB 9150 GVWR	$55,395	$49,700
57	R2Y 101A	2026 FORD TRANSIT T-250 CARGO VAN LOW ROOF AWD 148" WB 9150 GVWR	$56,795	$51,052
58	W1Y 101A	2026 FORD TRANSIT T-350 CARGO VAN LOW ROOF RWD 130" WB 9500 GVWR	$52,695	$47,092
59	W1Y 101A	2026 FORD TRANSIT T-350 CARGO VAN LOW ROOF RWD 148" WB 9500 GVWR	$54,095	$48,444
60	W2Y 101A	2026 FORD TRANSIT T-350 CARGO VAN LOW ROOF AWD 130" WB 9500 GVWR	$56,595	$50,859
61	W2Y 101A	2026 FORD TRANSIT T-350 CARGO VAN LOW ROOF AWD 148" WB 9500 GVWR	$57,995	$52,211
62	F1Y 101A	2026 FORD TRANSIT T-350 CARGO VAN LOW ROOF RWD 148" WB 9950 GVWR	$54,095	$48,444
63	F2Y 101A	2026 FORD TRANSIT T-350 CARGO VAN LOW ROOF AWD 148" WB 9950 GVWR	$57,995	$52,211
64	E1C 101A	2026 FORD TRANSIT T-150 CARGO VAN MEDIUM ROOF RWD 148" WB 8670 GVWR	$52,895	$47,286
65	E2C 101A	2026 FORD TRANSIT T-150 CARGO VAN MEDIUM ROOF AWD 148" WB 8670 GVWR	$56,795	$51,052
66	R1C 101A	2026 FORD TRANSIT T-250 CARGO VAN MEDIUM ROOF RWD 148" WB 9070 GVWR	$53,895	$48,251
67	R2C 101A	2026 FORD TRANSIT T-250 CARGO VAN MEDIUM ROOF AWD 148" WB 9070 GVWR	$57,795	$52,017
68	W9C 101A	2026 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF RWD 148" WB 9500 GVWR	$55,095	$49,410
69	W2C 101A	2026 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF AWD 148" WB 9500 GVWR	$58,995	$53,176
70	F7C 101A	2026 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF RWD 148" WB 9950 GVWR	$55,095	$49,410
71	F8C 101A	2026 FORD TRANSIT T-350 CARGO VAN MEDIUM ROOF RWD 148" WB 9950 GVWR	$58,995	$53,176
72	R1X 101A	2026 FORD TRANSIT T-250 CARGO VAN HIGH ROOF RWD 148" WB 9070 GVWR	$54,895	$49,217
73	R2X 101A	2026 FORD TRANSIT T-250 CARGO VAN HIGH ROOF AWD 148" WB 9070 GVWR	$58,795	$52,984
74	W1X 101A	2026 FORD TRANSIT T-350 CARGO VAN HIGH ROOF RWD 148" WB 9500 GVWR	$59,995	$54,142
75	W2X 101A	2026 FORD TRANSIT T-350 CARGO VAN HIGH ROOF AWD 148" WB 9500 GVWR	$59,995	$54,142
76	F5X 101A	2026 FORD TRANSIT T-350HD CARGO VAN HIGH ROOF RWD 148" WB 9950 GVWR	$56,095	$50,376
77	F6X 101A	2026 FORD TRANSIT T-350HD CARGO VAN HIGH ROOF AWD 148" WB 9950 GVWR	$59,995	$54,142
78	R3X 101A	2026 FORD TRANSIT T-250 EXTENDED LENGTH CARGO VAN HIGH ROOF RWD 148" WB 9070 GVWR	$56,095	$50,376
79	R3U 101A	2026 FORD TRANSIT T-250 EXTENDED LENGTH CARGO VAN HIGH ROOF AWD 148" WB 9070 GVWR	$59,995	$54,142
80	W3X 101A	2026 FORD TRANSIT T-350 EXTENDED LENGTH CARGO VAN HIGH ROOF RWD 148" WB 9500 GVWR	$57,295	$51,535
81	W3U 101A	2026 FORD TRANSIT T-350 EXTENDED LENGTH CARGO VAN HIGH ROOF AWD 148" WB 9500 GVWR	$61,195	$55,301
82	F7X 101A	2026 FORD TRANSIT T-350 EXTENDED LENGTH CARGO VAN HIGH ROOF RWD 148" WB 9950GVWR	$57,295	$51,535
83	F8X 101A	2026 FORD TRANSIT T-350 EXTENDED LENGTH CARGO VAN HIGH ROOF AWD 148" WB 9950 GVWR	$61,195	$55,301
84	F4X 101A	2026 FORD TRANSIT T-350HD EXTENDED LENGTH CARGO VAN HIGH ROOF DRW RWD 148" WB 9950 GVWR	$57,895	$52,113
85	F4U 101A	2026 FORD TRANSIT T-350HD EXTENDED LENGTH CARGO VAN HIGH ROOF DRW AWD 148" WB 9950 GVWR	$62,195	$56,266

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86	U8X 101A	2026 FORD TRANSIT T-350 EXTENDED LENGTH CARGO VAN HIGH ROOF DRW RWD DRW 148" WB 11,000 GVWR	$60,195	$54,335
87	U8U 101A	2026 FORD TRANSIT T-350 EXTENDED LENGTH CARGO VAN HIGH ROOF DRW AWD DRW 148" WB 11,000 GVWR	$64,995	$58,970
88	X2Y 301A	2026 FORD TRANSIT T-350 WAGON LOW ROOF RWD 148" WB XL - (12-PASS BASE)	$60,275	$55,482
89	X2Y 302A	2026 FORD TRANSIT T-350 WAGON LOW ROOF RWD 148" WB XLT - (12-PASS BASE)	$63,260	$58,365
90	X9Y 301A	2026 FORD TRANSIT T-350 WAGON LOW ROOF AWD 148" WB XL - (12-PASS BASE)	$64,475	$59,539
91	X9Y 302A	2026 FORD TRANSIT T-350 WAGON LOW ROOF AWD 148" WB XLT - (12-PASS BASE)	$67,460	$62,420
92	X2C 301A	2026 FORD TRANSIT T-350 WAGON MEDIUM ROOF RWD 148" WB XL - (12-PASS BASE)	$61,575	$56,737
93	X2C 302A	2026 FORD TRANSIT T-350 WAGON MEDIUM ROOF RWD 148" WB XLT - (12-PASS BASE)	$61,575	$56,737
94	X9C 301A	2026 FORD TRANSIT T-350 WAGON MEDIUM ROOF AWD 148" WB XL - (12-PASS BASE)	$63,575	$58,669
95	X9C 302A	2026 FORD TRANSIT T-350 WAGON MEDIUM ROOF AWD 148" WB XLT - (12-PASS BASE)	$65,775	$60,793
96	U4X 301A	2026 FORD TRANSIT T-350HD EXTENDED LENGTH WAGON HIGH ROOF RWD DRW 148" WB XL - (15-PASS BASE)	$63,575	$58,669
97	U4X 302A	2026 FORD TRANSIT T-350HD EXTENDED LENGTH WAGON HIGH ROOF RWD DRW 148" WB XLT - (15-PASS BASE)	$66,560	$61,551
98	U5X 301A	2026 FORD TRANSIT T-350HD EXTENDED LENGTH WAGON HIGH ROOF AWD DRW 148" WB XL - (15-PASS BASE)	$69,775	$64,657
99	U5X 301A	2026 FORD TRANSIT T-350HD EXTENDED LENGTH WAGON HIGH ROOF AWD DRW 148" WB XLT - (15-PASS BASE)	$72,760	$67,539
100	R5P 501A	2026 FORD TRANSIT T-250 COMMERCIAL CUTAWAY RWD 138" WB 9070 GVWR	$46,985	$43,185
101	R5P 501A	2026 FORD TRANSIT T-250 COMMERCIAL CUTAWAY RWD 156" WB 9070 GVWR	$47,485	$43,667
102	W5P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY RWD 138" WB 9950 GVWR	$47,785	$43,957
103	W5P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY RWD 156" WB 9950 GVWR	$48,285	$44,440
104	W5P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY RWD 178" WB 9500 GVWR	$48,285	$44,440
105	F6P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY RWD 138" WB 9950 GVWR	$48,585	$44,729
106	F6P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY RWD 156" WB 9950 GVWR	$49,385	$45,502
107	F6P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY RWD DRW 178" WB 9950 GVWR	$50,185	$46,275
108	R7P 501A	2026 FORD TRANSIT T-250 COMMERCIAL CUTAWAY AWD SRW 156" WB 9070 GVWR	$51,185	$47,240
109	R7P 501A	2026 FORD TRANSIT T-250 COMMERCIAL CUTAWAY AWD SRW 138" WB 9070 GVWR	$51,685	$47,722
110	W7P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY AWD SRW 138" WB 9500 GVWR	$51,985	$48,012
111	W7P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY AWD SRW 156" WB 9500 GVWR	$52,485	$48,495
112	W7P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY AWD 178" WB 9500 GVWR	$53,185	$49,171
113	U6P 501A	2026 FORD TRANSIT T-350HD COMMERCIAL CUTAWAY RWD 138" WB 11000 GVWR	$50,885	$46,950
114	U6P 501A	2026 FORD TRANSIT T-350HD COMMERCIAL CUTAWAY RWD DRW 156" WB 11000 GVWR	$51,685	$47,722
115	U6P 501A	2026 FORD TRANSIT T-350HD COMMERCIAL CUTAWAY RWD DRW 178" WB 11000 GVWR	$52,485	$48,495
116	F8P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY AWD DRW 138" WB 9950 GVWR	$52,785	$48,785
117	F8P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY AWD DRW 156" WB 9950 GVWR	$53,585	$49,557

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118	F8P 501A	2026 FORD TRANSIT T-350 COMMERCIAL CUTAWAY AWD DRW 178" WB 9950 GVWR	$54,385	$50,330
119	U8P 501A	2026 FORD TRANSIT T-350HD COMMERCIAL CUTAWAY AWD RWD 138" WB 11000 GVWR	$55,085	$51,006
120	U8P 501A	2026 FORD TRANSIT T-350HD COMMERCIAL CUTAWAY AWD RWD 156" WB 11000 GVWR	$55,885	$51,778
121	U8P 501A	2026 FORD TRANSIT T-350HD COMMERCIAL CUTAWAY AWD RWD 178" WB 11000 GVWR	$56,685	$52,551
122	E3F 780A	2026 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY RWD SRW 138" WB 10,050 GVWR (20X)	$42,785	$39,588
123	E3F 780A	2026 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY RWD DRW 138" WB 11,500 GVWR (20Y)	$43,040	$39,835
124	E3F 780A	2026 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY RWD SRW 158" WB 10,050 GVWR (20X)	$43,040	$39,835
125	E3F 780A	2026 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY RWD DRW 158" WB 11,500 GVWR (20Y)	$43,290	$40,075
126	E3F 780A	2026 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY RWD DRW 158" WB 12,500 GVWR (20C)	$43,640	$40,398
127	E3F 780A	2026 FORD ECONOLINE E-350 COMMERCIAL CUTAWAY RWD DRW 176" WB 12,500 GVWR (20C)	$43,785	$40,555
128	E4F 158 782A	2026 FORD ECONOLINE E-450 COMMERCIAL CUTAWAY RWD DRW 158" WB 14,500 GVWR (20F)	$45,260	$41,978
129	E4F 176 782A	2026 FORD ECONOLINE E-450 COMMERCIAL CUTAWAY RWD DRW 176" WB 14,500 GVWR (20F)	$45,990	$42,682
130	W8A 100A	2026 FORD MAVERICK SUPER CREW PICKUP FWD XL 4.5' BED	$29,840	$29,365
131	W8A 100A	2026 FORD MAVERICK SUPER CREW PICKUP FWD XL 4.5' BED	$28,840	$28,422
132	W8B 101A	2026 FORD MAVERICK SUPER CREW PICKUP AWD XL 4.5' BED	$29,840	$28,830
133	W8B 102A	2026 FORD MAVERICK SUPER CREW PICKUP AWD XL 4.5' BED	$32,060	$30,926
134	W8H 300A	2026 FORD MAVERICK SUPER CREW PICKUP FWD XLT 4.5' BED	$32,340	$31,859
135	W8H 300A	2026 FORD MAVERICK SUPER CREW PICKUP FWD XLT 4.5' BED	$31,340	$30,916
136	W8J 301A	2026 FORD MAVERICK SUPER CREW PICKUP AWD XLT 4.5' BED	$34,560	$33,420
137	W8J 302A	2026 FORD MAVERICK SUPER CREW PICKUP AWD XLT 4.5' BED	$32,340	$31,324
143	W1B 110A	2026 FORD F-150 LIGHTNING SUPER CREW CAB PICKUP 4WD 145" WB PRO 5.5' BED	$56,975	$50,862
149	F1K 101A	2026 FORD F-150 REGULAR CAB PICKUP 2WD 122" WB XL 6.5' BED	$41,925	$37,008
150	F1K 101A	2026 FORD F-150 REGULAR CAB PICKUP 2WD 141" WB XL 8' BED	$39,885	$35,028
153	F1K 103A	2026 FORD F-150 REGULAR CAB PICKUP 2WD 122" WB XL 6.5' BED	$43,120	$38,112
154	F1K 103A	2026 FORD F-150 REGULAR CAB PICKUP 2WD 141" WB XL 8' BED	$41,080	$36,131
157	F1L 101A	2026 FORD F-150 REGULAR CAB PICKUP 4WD 122" WB XL 6.5' BED	$46,940	$41,879
158	F1L 101A	2026 FORD F-150 REGULAR CAB PICKUP 4WD 141" WB XL 8' BED	$44,900	$39,897
161	F1L 103A	2026 FORD F-150 REGULAR CAB PICKUP 4WD 122" WB XL 6.5' BED	$48,135	$42,982
162	F1L 103A	2026 FORD F-150 REGULAR CAB PICKUP 4WD 141" WB XL 8' BED	$46,095	$41,001
165	X1K 101A	2026 FORD F-150 SUPER CAB PICKUP 2WD 145" WB XL 6.5' BED	$44,195	$38,678
168	X2K 200A	2026 FORD F-150 SUPER CAB PICKUP 2WD 145" WB STX 6.5' BED	$45,155	$39,720
170	X3K 300A	2026 FORD F-150 SUPER CAB PICKUP 2WD 145" WB XLT 6.5' BED	$47,985	$41,395

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173	X1L 101A	2026 FORD F-150 SUPER CAB PICKUP 4WD 145" WB XL 6.5' BED	$47,995	$42,367
176	X2L 200A	2026 FORD F-150 SUPER CAB PICKUP 4WD 145" WB STX 6.5' BED	$48,955	$43,410
178	X3L 300A	2026 FORD F-150 SUPER CAB PICKUP 4WD 145" WB XLT 6.5' BED	$51,785	$45,005
181	W1K 101A	2026 FORD F-150 SUPER CREW CAB PICKUP 2WD 145" WB XL 5.5' BED	$46,530	$40,410
184	W2K 200A	2026 FORD F-150 SUPER CREW CAB PICKUP 2WD 145" WB STX 5.5' BED	$47,490	$41,453
186	W3K 300A	2026 FORD F-150 SUPER CREW CAB PICKUP 2WD 145" WB XLT 5.5' BED	$50,345	$43,101
189	W1L 101A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 145" WB XL 5.5' BED	$50,415	$44,183
192	W1L 101A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 157" WB XL 6.5' BED	$53,070	$46,761
194	W2L 200A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 145" WB STX 5.5' BED	$51,370	$45,221
196	W3L 300A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 145" WB XLT 5.5' BED	$54,205	$46,767
199	W3L 300A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 157" WB XLT 6.5' BED	$57,845	$50,198
201	W1F 104A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 145" WB XL 5.5' BED	$55,170	$48,575
202	W1F 104A	2026 FORD F-150 SUPER CREW CAB PICKUP 4WD 157" WB XL 6.5' BED	$56,165	$49,620
203	F2A 600A	2026 FORD F-250 REGULAR CAB PICKUP 2WD 142" WB XL 8' BED	$47,870	$42,160
204	F2A 603A	2026 FORD F-250 REGULAR CAB PICKUP 2WD 142" WB XLT 8' BED	$51,070	$45,250
205	F2B 600A	2026 FORD F-250 REGULAR CAB PICKUP 4WD 142" WB XL 8' BED	$50,660	$44,854
206	F2B 603A	2026 FORD F-250 REGULAR CAB PICKUP 4WD 142" WB XLT 8' BED	$53,865	$47,949
207	X2A 600A	2026 FORD F-250 SUPER CAB PICKUP 2WD 148" WB XL 6.5' BED	$51,725	$46,204
208	X2A 600A	2026 FORD F-250 SUPER CAB PICKUP 2WD 164" WB XL 8' BED	$50,630	$45,147
209	X2A 603A	2026 FORD F-250 SUPER CAB PICKUP 2WD 164" WB XLT 8' BED	$54,140	$48,537
210	X2B 600A	2026 FORD F-250 SUPER CAB PICKUP 4WD 148" WB XL 6.5' BED	$54,525	$48,907
211	X2B 603A	2026 FORD F-250 SUPER CAB PICKUP 4WD 148" WB XLT 6.5' BED	$58,035	$52,296
212	X2B 600A	2026 FORD F-250 SUPER CAB PICKUP 4WD 164" WB XL 8' BED	$53,430	$47,851
213	X2B 603A	2026 FORD F-250 SUPER CAB PICKUP 4WD 164" WB XLT 8' BED	$56,940	$51,240
214	W2A 600A	2026 FORD F-250 SUPER CREW CAB PICKUP 2WD 160" WB XL 6.5' BED	$52,085	$46,872
215	W2A 600A	2026 FORD F-250 SUPER CREW CAB PICKUP 2WD 176" WB XL 8' BED	$52,285	$47,066
216	W2A 603A	2026 FORD F-250 SUPER CREW CAB PICKUP 2WD 160" WB XLT 6.5' BED	$55,895	$52,373
217	W2A 603A	2026 FORD F-250 SUPER CREW CAB PICKUP 2WD 176" WB XLT 8' BED	$56,100	$52,576
218	W2B 600A	2026 FORD F-250 SUPER CREW CAB PICKUP 4WD 160" WB XL 6.5' BED	$54,885	$49,577
219	W2B 600A	2026 FORD F-250 SUPER CREW CAB PICKUP 4WD 176" WB XL 8' BED	$55,095	$49,779
220	W2B 603A	2026 FORD F-250 SUPER CREW CAB PICKUP 4WD 160" WB XLT 6.5' BED	$59,095	$53,683
221	W2B 603A	2026 FORD F-250 SUPER CREW CAB PICKUP 4WD 176" WB XLT 8' BED	$59,300	$53,882

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222	F3A 610A	2026 FORD F-350 REGULAR CAB PICKUP 2WD SRW 142" WB XL 8' BED	$49,165	$43,410
223	F3A 613A	2026 FORD F-350 REGULAR CAB PICKUP 2WD SRW 142" WB XLT 8' BED	$52,370	$46,506
224	F3B 610A	2026 FORD F-350 REGULAR CAB PICKUP 4WD SRW 142" WB XL 8' BED	$51,965	$46,114
225	F3B 613A	2026 FORD F-350 REGULAR CAB PICKUP 4WD SRW 142" WB XLT 8' BED	$55,170	$49,209
226	F3C 620A	2026 FORD F-350 REGULAR CAB PICKUP 2WD DRW 142" WB XL 8' BED	$50,655	$44,849
227	F3C 623A	2026 FORD F-350 REGULAR CAB PICKUP 2WD DRW 142" WB XLT 8' BED	$53,860	$47,943
228	F3D 620A	2026 FORD F-350 REGULAR CAB PICKUP 4WD DRW 142" WB XL 8' BED	$53,455	$47,554
229	F3D 623A	2026 FORD F-350 REGULAR CAB PICKUP 4WD DRW 142" WB XLT 8' BED	$56,655	$50,644
230	X3A 610A	2026 FORD F-350 SUPER CAB PICKUP 2WD SRW 148" WB XL 6.5' BED	$51,725	$46,204
231	X3B 610A	2026 FORD F-350 SUPER CAB PICKUP 4WD SRW 148" WB XL 6.5' BED	$54,525	$48,907
232	X3B 613A	2026 FORD F-350 SUPER CAB PICKUP 4WD SRW 148" WB XLT 6.5' BED	$58,035	$52,296
233	X3A 610A	2026 FORD F-350 SUPER CAB PICKUP 2WD SRW 164" WB XL 8' BED	$51,930	$46,402
234	X3A 613A	2026 FORD F-350 SUPER CAB PICKUP 2WD SRW 164" WB XLT 8' BED	$55,440	$49,792
235	X3B 610A	2026 FORD F-350 SUPER CAB PICKUP 4WD SRW 164" WB XL 8' BED	$54,720	$49,096
236	X3B 613A	2026 FORD F-350 SUPER CAB PICKUP 4WD SRW 164" WB XLT 8' BED	$58,245	$52,501
237	W3A 610A	2026 FORD F-350 SUPER CREW CAB PICKUP 2WD SRW 160" WB XL 6.5' BED	$53,390	$48,132
238	W3A 610A	2026 FORD F-350 SUPER CREW CAB PICKUP 2WD SRW 176" WB XL 8' BED	$53,590	$48,326
239	W3A 613A	2026 FORD F-350 SUPER CREW CAB PICKUP 2WD SRW 160" WB XLT 6.5' BED	$57,200	$51,812
240	W3A 613A	2026 FORD F-350 SUPER CREW CAB PICKUP 2WD SRW 176" WB XLT 8' BED	$57,395	$52,000
241	W3B 610A	2026 FORD F-350 SUPER CREW CAB PICKUP 4WD 160" WB XL 6.5' BED	$56,195	$50,841
242	W3B 610A	2026 FORD F-350 SUPER CREW CAB PICKUP 4WD 176" WB XL 8' BED	$57,200	$51,812
243	W3B 613A	2026 FORD F-350 SUPER CREW CAB PICKUP 4WD 160" WB XLT 6.5' BED	$59,995	$54,511
244	W3B 613A	2026 FORD F-350 SUPER CREW CAB PICKUP 4WD 176" WB XLT 8' BED	$60,195	$54,704
245	W3C 620A	2026 FORD F-350 SUPER CREW CAB PICKUP 2WD DRW 176" WB XL 8' BED	$65,070	$59,415
246	W3C 623A	2026 FORD F-350 SUPER CREW CAB PICKUP 2WD DRW 176" WB XLT 8' BED	$58,880	$53,436
247	W3D 620A	2026 FORD F-350 SUPER CREW CAB PICKUP 4WD DRW 176" WB XL 8' BED	$57,875	$52,464
248	W3D 623A	2026 FORD F-350 SUPER CREW CAB PICKUP 4WD DRW 176" WB XLT 8' BED	$61,695	$56,153
249	F4C 670A	2026 FORD F-450 REGULAR CAB PICKUP 2WD DRW 142" WB XL 8' BED	$63,025	$56,798
250	F4C 673A	2026 FORD F-450 REGULAR CAB PICKUP 2WD DRW 142" WB XLT 8' BED	$66,960	$60,597
251	F4D 670A	2026 FORD F-450 REGULAR CAB PICKUP 4WD DRW 176" WB XL 8' BED	$65,835	$59,511
252	F4D 673A	2026 FORD F-450 REGULAR CAB PICKUP 4WD DRW 176" WB XLT 8' BED	$69,765	$63,307
253	W4C 670A	2026 FORD F-450 SUPER CREW CAB PICKUP 2WD DRW 176" WB XL 8' BED	$68,620	$62,842

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254	W4C 673A	2026 FORD F-450 SUPER CREW CAB PICKUP 2WD DRW 176" WB XLT 8' BED	$70,730	$64,880
255	W4D 670A	2026 FORD F-450 SUPER CREW CAB PICKUP 4WD DRW 176" WB XL 8' BED	$71,420	$65,546
256	W4D 673A	2026 FORD F-450 SUPER CREW CAB PICKUP 4WD DRW 176" WB XLT 8' BED	$73,530	$67,585
257	F3E 630A	2026 FORD F-350 REGULAR CAB CHASSIS 2WD SRW 145" WB XL 60" CA	$52,735	$47,570
258	F3F 630A	2026 FORD F-350 REGULAR CAB CHASSIS 4WD SRW 145" WB XL 60" CA	$56,235	$50,888
259	F3E 633A	2026 FORD F-350 REGULAR CAB CHASSIS 2WD SRW 145" WB XLT 60" CA	$54,770	$49,500
260	F3F 633A	2026 FORD F-350 REGULAR CAB CHASSIS 4WD SRW 145" WB XLT 60" CA	$58,275	$52,820
261	X3E 630A	2026 FORD F-350 SUPER CAB CHASSIS 2WD SRW 168" WB XL 60" CA	$54,745	$49,791
262	X3F 630A	2026 FORD F-350 SUPER CAB CHASSIS 4WD SRW 168" WB XL 60" CA	$58,245	$53,108
263	X3E 633A	2026 FORD F-350 SUPER CAB CHASSIS 2WD SRW 168" WB XLT 60" CA	$58,245	$53,108
264	X3F 633A	2026 FORD F-350 SUPER CAB CHASSIS 4WD SRW 168" WB XLT 60" CA	$60,530	$55,274
265	W3E 630A	2026 FORD F-350 SUPER CREW CAB CHASSIS 2WD SRW 179" WB XL 60" CA	$56,010	$51,304
266	W3F 630A	2026 FORD F-350 SUPER CREW CAB CHASSIS 4WD SRW 179" WB XL 60" CA	$59,510	$54,621
267	W3E 633A	2026 FORD F-350 SUPER CREW CAB CHASSIS 2WD SRW 179" WB XLT 60" CA	$58,800	$53,948
268	W3F 633A	2026 FORD F-350 SUPER CREW CAB CHASSIS 4WD SRW 179" WB XLT 60" CA	$62,305	$57,270
269	F3G 640A	2026 FORD F-350 REGULAR CAB CHASSIS 2WD DRW 145" WB XL 60" CA	$54,225	$48,983
270	F3G 640A	2026 FORD F-350 REGULAR CAB CHASSIS 2WD DRW 169" WB XL 84" CA	$54,115	$48,879
271	F3H 640A	2026 FORD F-350 REGULAR CAB CHASSIS 4WD DRW 145" WB XL 60" CA	$57,725	$52,299
272	F3H 640A	2026 FORD F-350 REGULAR CAB CHASSIS 4WD DRW 169" WB XL 84" CA	$57,595	$52,176
273	F3G 643A	2026 FORD F-350 REGULAR CAB CHASSIS 2WD DRW 145" WB XLT 60" CA	$56,260	$50,910
274	F3G 643A	2026 FORD F-350 REGULAR CAB CHASSIS 2WD DRW 169" WB XLT 84" CA	$56,040	$50,703
275	F3H 643A	2026 FORD F-350 REGULAR CAB CHASSIS 4WD DRW 145" WB XLT 60" CA	$59,770	$54,238
276	F3H 643A	2026 FORD F-350 REGULAR CAB CHASSIS 4WD DRW 169" WB XLT 60" CA	$59,510	$53,991
277	X3G 640A	2026 FORD F-350 SUPER CAB CHASSIS 2WD DRW 168" WB XL 60" CA	$56,230	$51,198
278	X3H 640A	2026 FORD F-350 SUPER CAB CHASSIS 4WD DRW 168" WB XL 60" CA	$59,735	$54,519
279	X3G 643A	2026 FORD F-350 SUPER CAB CHASSIS 2WD DRW 168" WB XL 60" CA	$58,525	$53,372
280	X3H 643A	2026 FORD F-350 SUPER CAB CHASSIS 4WD DRW 168" WB XLT 60" CA	$62,020	$56,684
281	W3G 640A	2026 FORD F-350 SUPER CREW CAB CHASSIS 2WD DRW 179" WB XL 60" CA	$57,500	$52,716
282	W3H 640A	2026 FORD F-350 SUPER CREW CAB CHASSIS 4WD DRW 179" WB XL 60" CA	$61,000	$56,034
283	W3G 643A	2026 FORD F-350 SUPER CREW CAB CHASSIS 2WD DRW 179" WB XLT 60" CA	$60,290	$55,359
284	W3H 643A	2026 FORD F-350 SUPER CREW CAB CHASSIS 4WD DRW 179" WB XLT 60" CA	$63,795	$58,681
285	F4G 650A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 145" WB XL 60" CA	$58,565	$53,096

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286	F4G 653A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 145" WB XLT 60" CA	$60,495	$54,924
287	F4G 650A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 169" WB XL 84" CA	$58,745	$53,266
288	F4G 653A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 169" WB XLT 84" CA	$60,665	$55,085
289	F4G 650A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 193" WB XL 108" CA	$58,915	$53,427
290	F4G 653A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 193" WB XLT 108" CA	$60,850	$55,260
291	F4G 650A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 205" WB XL 120" CA	$59,090	$53,593
292	F4G 653A	2026 FORD F-450 REGULAR CAB CHASSIS 2WD DRW 205" WB XLT 120" CA	$61,015	$55,417
293	F4H 650A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 145" WB XL 60" CA	$61,465	$55,843
294	F4H 653A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 145" WB XLT 60" CA	$63,395	$57,672
295	F4H 650A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 169" WB XL 84" CA	$61,640	$56,010
296	F4H 653A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 169" WB XLT 84" CA	$63,565	$57,833
297	F4H 650A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 193" WB XL 108" CA	$61,810	$56,171
298	F4H 653A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 193" WB XLT 108" CA	$63,745	$58,005
299	F4H 650A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 205" WB XL 120" CA	$61,985	$56,337
300	F4H 653A	2026 FORD F-450 REGULAR CAB CHASSIS 4WD DRW 205" WB XLT 120" CA	$63,910	$58,161
301	X4G 650A	2026 FORD F-450 SUPER CAB CHASSIS 2WD DRW 168" WB XL 60" CA	$57,291	$54,846
302	X4G 653A	2026 FORD F-450 SUPER CAB CHASSIS 2WD DRW 168" WB XLT 60" CA	$62,250	$56,902
303	X4G 650A	2026 FORD F-450 SUPER CAB CHASSIS 2WD DRW 192" WB XL 84" CA	$70,250	$64,497
304	X4G 653A	2026 FORD F-450 SUPER CAB CHASSIS 2WD DRW 192" WB XLT 84" CA	$72,425	$66,559
305	X4H 650A	2026 FORD F-450 SUPER CAB CHASSIS 4WD DRW 168" WB XL 60" CA	$63,580	$58,163
306	X4H 653A	2026 FORD F-450 SUPER CAB CHASSIS 4WD DRW 168" WB XLT 60" CA	$65,760	$60,228
307	X4H 650A	2026 FORD F-450 SUPER CAB CHASSIS 4WD DRW 192" WB XL 84" CA	$63,750	$58,324
308	X4H 653A	2026 FORD F-450 SUPER CAB CHASSIS 4WD DRW 192" WB XLT 84" CA	$65,935	$60,394
309	W4G 650A	2026 FORD F-450 SUPER CREW CAB CHASSIS 2WD DRW 179" WB XL 60" CA	$61,335	$56,351
310	W4G 653A	2026 FORD F-450 SUPER CREW CAB CHASSIS 2WD DRW 179" WB XLT 60" CA	$64,025	$58,900
311	W4G 650A	2026 FORD F-450 SUPER CREW CAB CHASSIS 2WD DRW 203" WB XL 84" CA	$61,515	$56,521
312	W4G 653A	2026 FORD F-450 SUPER CREW CAB CHASSIS 2WD DRW 203" WB XLT 84" CA	$64,195	$59,061
313	W4H 650A	2026 FORD F-450 SUPER CREW CAB CHASSIS 4WD DRW 179" WB XL 60" CA	$64,840	$59,671
314	W4H 653A	2026 FORD F-450 SUPER CREW CAB CHASSIS 4WD DRW 179" WB XLT 60" CA	$67,510	$62,203
315	W4H 650A	2026 FORD F-450 SUPER CREW CAB CHASSIS 4WD DRW 203" WB XL 84" CA	$65,010	$59,833
316	W4H 653A	2026 FORD F-450 SUPER CREW CAB CHASSIS 4WD DRW 203" WB XLT 84" CA	$67,695	$62,377
317	F5G 660A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 145" WB XL 60" CA	$58,915	$53,427

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318	F5G 663A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 145" WB XLT 60" CA	$60,840	$55,251
319	F5G 660A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 169" WB XL 84" CA	$59,090	$53,593
320	F5G 663A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 169" WB XLT 84" CA	$61,010	$55,413
321	F5G 660A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 193" WB XL 108" CA	$59,265	$53,759
322	F5G 663A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 193" WB XLT 108" CA	$61,190	$55,583
323	F5G 660A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 205" WB XL 120" CA	$59,435	$53,920
324	F5G 663A	2026 FORD F-550 REGULAR CAB CHASSIS 2WD DRW 205" WB XLT 120" CA	$61,360	$55,744
325	F5H 660A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 145" WB XL 60" CA	$61,820	$56,179
326	F5H 663A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 145" WB XLT 60" CA	$63,745	$58,005
327	F5H 660A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 169" WB XL 84" CA	$61,990	$56,341
328	F5H 663A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 169" WB XLT 84" CA	$63,920	$58,170
329	F5H 660A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 193" WB XL 108" CA	$62,160	$56,501
330	F5H 663A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 193" WB XLT 108" CA	$64,100	$58,342
331	F5H 660A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 205" WB XL 120" CA	$62,335	$56,668
332	F5H 663A	2026 FORD F-550 REGULAR CAB CHASSIS 4WD DRW 205" WB XLT 120" CA	$64,265	$58,496
333	X5G 660A	2026 FORD F-550 SUPER CAB CHASSIS 2WD DRW 168" WB XL 60" CA	$60,430	$55,179
334	X5G 663A	2026 FORD F-550 SUPER CAB CHASSIS 2WD DRW 168" WB XLT 60" CA	$62,605	$57,239
335	X5G 660A	2026 FORD F-550 SUPER CAB CHASSIS 2WD DRW 192" WB XL 84" CA	$70,595	$64,824
336	X5G 663A	2026 FORD F-550 SUPER CAB CHASSIS 2WD DRW 192" WB XLT 84" CA	$72,775	$66,889
337	X5H 660A	2026 FORD F-550 SUPER CAB CHASSIS 4WD DRW 168" WB XL 60" CA	$63,925	$58,489
338	X5H 663A	2026 FORD F-550 SUPER CAB CHASSIS 4WD DRW 168" WB XLT 60" CA	$66,100	$60,552
339	X5H 660A	2026 FORD F-550 SUPER CAB CHASSIS 4WD DRW 192" WB XL 84" CA	$64,100	$58,657
340	X5H 663A	2026 FORD F-550 SUPER CAB CHASSIS 4WD DRW 192" WB XLT 84" CA	$66,280	$60,721
341	W5G 660A	2026 FORD F-550 SUPER CREW CAB CHASSIS 2WD DRW 179" WB XL 60" CA	$61,685	$56,682
342	W5G 663A	2026 FORD F-550 SUPER CREW CAB CHASSIS 2WD DRW 179" WB XLT 60" CA	$64,360	$59,216
343	W5G 660A	2026 FORD F-550 SUPER CREW CAB CHASSIS 2WD DRW 203" WB XL 84" CA	$61,860	$56,848
344	W5G 663A	2026 FORD F-550 SUPER CREW CAB CHASSIS 2WD DRW 203" WB XLT 84" CA	$64,540	$61,357
345	W5H 660A	2026 FORD F-550 SUPER CREW CAB CHASSIS 4WD DRW 179" WB XL 60" CA	$65,185	$60,000
346	W5H 663A	2026 FORD F-550 SUPER CREW CAB CHASSIS 4WD DRW 179" WB XLT 60" CA	$67,865	$62,538
347	W5H 660A	2026 FORD F-550 SUPER CREW CAB CHASSIS 4WD DRW 203" WB XL 84" CA	$65,365	$60,169
348	W5H 663A	2026 FORD F-550 SUPER CREW CAB CHASSIS 4WD DRW 203" WB XLT 84" CA	$68,035	$62,699
349	F6K 680A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 145" WB XL 60" CA	$60,575	$55,000

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350	F6K 683A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 145" WB XLT 60" CA	$63,505	$57,776
351	F6K 680A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 169" WB XL 84" CA	$60,750	$55,167
352	F6K 683A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 169" WB XLT 84" CA	$63,675	$57,937
353	F6K 680A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 193" WB XL 108" CA	$60,925	$55,332
354	F6K 683A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 193" WB XLT 108" CA	$63,855	$58,109
355	F6K 680A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 205" WB XL 120" CA	$61,100	$55,498
356	F6K 683A	2026 FORD F-600 REGULAR CAB CHASSIS 2WD DRW 205" WB XLT 120" CA	$64,020	$58,265
357	F6L 680A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 145" WB XL 60" CA	$63,480	$57,753
358	F6L 683A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 145" WB XLT 60" CA	$66,405	$60,525
359	F6L 680A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 169" WB XL 84" CA	$63,655	$57,919
360	F6L 683A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 169" WB XLT 84" CA	$66,580	$60,690
361	F6L 680A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 193" WB XL 108" CA	$63,825	$58,080
362	F6L 683A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 193" WB XLT 108" CA	$66,760	$60,860
363	F6L 680A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 205" WB XL 120" CA	$64,000	$58,246
364	F6L 683A	2026 FORD F-600 REGULAR CAB CHASSIS 4WD DRW 205" WB XLT 120" CA	$66,925	$61,017
365	F6A 600A	2026 FORD F-650 REGULAR CAB CHASSIS 2WD 158" WB STRAIT FRAME 84" CA	$72,490	$63,323
366	X6A 600A	2026 FORD F-650 SUPER CAB CHASSIS 2WD 179" WB STRAIT FRAME 84" CA	$74,455	$64,717
367	W6A 600A	2026 FORD F-650 CREW CAB CHASSIS 2WD 194" WB STRAIT FRAME 84" CA	$77,235	$67,253
368	F6D 600A	2026 FORD F-650 REGULAR CAB CHASSIS 2WD 158" WB STRAIT FRAME 84" CA	$81,795	$73,033
369	X6D 600A	2026 FORD F-650 SUPER CAB CHASSIS 2WD 179" WB STRAIT FRAME 84" CA	$83,770	$74,834
370	W6D 600A	2026 FORD F-650 CREW CAB CHASSIS 2WD 194" WB STRAIT FRAME 84" CA	$86,550	$77,371
371	F7A 600A	2026 FORD F-750 REGULAR CAB CHASSIS 2WD 158" WB STRAIT FRAME 84" CA	$74,375	$64,644
372	X7A 600A	2026 FORD F-750 SUPER CAB CHASSIS 2WD 179" WB STRAIT FRAME 84" CA	$76,350	$66,445
373	W7A 600A	2026 FORD F-750 CREW CAB CHASSIS 2WD 194" WB STRAIT FRAME 84" CA	$79,125	$68,978
374	F7D 600A	2026 FORD F-750 REGULAR CAB CHASSIS 2WD 158" WB STRAIT FRAME 84" CA	$83,690	$74,762
377	X7D 600A	2026 FORD F-750 SUPER CAB CHASSIS 2WD 179" WB STRAIT FRAME 84" CA	$85,665	$76,563
380	W7D 600A	2026 FORD F-750 CREW CAB CHASSIS 2WD 194" WB STRAIT FRAME 84" CA	$88,440	$79,095

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1	TPB26 3SA	2026 GMC TERRAIN FWD ELEVATION	$31,295	$28,009
2	TPB26 3SB	2026 GMC TERRAIN AWD ELEVATION	$33,295	$29,985
3	TLD56 4SC	2026 GMC ACADIA FWD ELEVATION	$45,595	$41,284
4	TLD56 4SD	2026 GMC ACADIA AWD ELEVATION	$47,595	$43,262
5	TLE56 4SB	2026 GMC ACADIA AWD AT4	$54,195	$49,787
6	TLF56 5SA	2026 GMC ACADIA FWD DENALI	$57,595	$53,148
7	TLF56 5SB	2026 GMC ACADIA AWD DENALI	$59,595	$55,125
8	TC10706 4SA	2026 GMC YUKON 2WD ELEVATION	$71,795	$67,907
9	TK10706 4SA	2026 GMC YUKON 4WD ELEVATION	$74,795	$70,848
10	TK10706 4SB	2026 GMC YUKON 4WD AT4	$78,595	$74,571
11	TK10706 4SG	2026 GMC YUKON 4WD AT4 UTLIMATE	$99,895	$95,448
12	TC10706 5SA	2026 GMC YUKON 2WD DENALI	$82,595	$78,492
13	TK10706 5SA	2026 GMC YUKON 4WD DENALI	$85,595	$81,433
14	TK10706 5SG	2026 GMC YUKON 4WD DENALI ULTIMATE	$105,895	$101,329
15	TC10906 4SA	2026 GMC YUKON XL 2WD ELEVATION	$74,795	$70,365
16	TK10906 4SA	2026 GMC YUKON XL 4WD ELEVATION	$77,795	$73,306
17	TK10906 4SB	2026 GMC YUKON XL 4WD AT4	$81,595	$79,960
18	TK10906 4SG	2026 GMC YUKON XL 4WD AT4 ULTIMATE	$102,895	$97,906
19	TC10906 5SA	2026 GMC YUKON XL 2WD DENALI	$85,595	$80,950
20	TK10906 5SA	2026 GMC YUKON XL 4WD DENALI	$88,595	$83,891
21	TK10906 5SB	2026 GMC YUKON XL 4WD DENALI ULTIMATE	$108,895	$103,787
22	TT35843 3SB	2026 GMC SIERRA EV 4WD ELEVATION	$64,495	$54,344
23	TT35843 3SD	2026 GMC SIERRA EV 4WD ELEVATION	$72,695	$62,565
24	TT35743 2X	2026 GMC HUMMER EV PICKUP 4WD 2X	$99,045	$88,974
25	TT35743 3X	2026 GMC HUMMER EV PICKUP 4WD 3X	$107,145	$97,096
26	TT35526 2X	2026 GMC HUMMER EV SUV 4WD 2X	$99,095	$89,025
27	TT35526 3X	2026 GMC HUMMER EV SUV 4WD 3X	$107,195	$97,145
28	TG23405 1WT	2026 GMC SAVANA 2500 CARGO 135" WB (NO REAR GLASS)	$44,595	$39,567
30	TG23705 1WT	2026 GMC SAVANA 2500 CARGO 155" WB (NO REAR GLASS)	$46,495	$41,405
32	TG33405 1WT	2026 GMC SAVANA 3500 CARGO 135" WB (NO REAR GLASS)	$48,545	$42,960
34	TG33705 1WT	2026 GMC SAVANA 3500 CARGO 155" WB (NO REAR GLASS)	$49,345	$43,733
36	TG23406 1LS	2026 GMC SAVANA 2500 PASSENGER 135" WB (12-PASSENGER BASE)	$50,345	$44,915

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40	TG33406 1LS	2026 GMC SAVANA 3500 PASSENGER 135" WB (12-PASSENGER BASE)	$51,545	$45,648
44	TG33706 1LS	2026 GMC SAVANA 3500 PASSENGER 155" WB (12-PASSENGER BASE)	$52,345	$46,849
48	TG33503 1WT	2026 GMC SAVANA 3500 COMMERCIAL CUTAWAY RWD DRW 139" WB 9,900 GVWR 80" CA	$40,045	$34,845
50	TG33803 1WT	2026 GMC SAVANA 3500 COMMERCIAL CUTAWAY RWD DRW 159" WB 10,050 GVWR 100" CA	$41,595	$36,344
51	TG33903 1WT	2026 GMC SAVANA 3500 COMMERCIAL CUTAWAY RWD DRW 177" WB 12,300 GVWR 118" CA	$41,745	$36,489
52	TG33803 2WT	2026 GMC SAVANA 4500 COMMERCIAL CUTAWAY RWD DRW 159" WB 14,200 GVWR 100" CA	$43,895	$38,462
53	TG33903 2WT	2026 GMC SAVANA 4500 COMMERCIAL CUTAWAY RWD DRW 177" WB 14,200 GVWR 118" CA	$44,545	$39,090
54	T4C43 2WT	2026 GMC CANYON CREW CAB PICKUP 2WD 131" WB ELEVATION 5' BED 23" CA	$40,995	$38,448
55	T4C43 4WT	2026 GMC CANYON CREW CAB PICKUP 4WD 131" WB ELEVATION 5' BED 23" CA	$44,295	$41,711
57	TC10703 1SA	2026 GMC SIERRA 1500 REGULAR CAB PICKUP 2WD 126" WB WORK TRUCK 6.5' BED	$40,895	$36,653
58	TK10703 1SA	2026 GMC SIERRA 1500 DOUBLE CAB PICKUP 4WD 126" WB WORK TRUCK 6.5' BED	$45,495	$40,594
59	TC10903 1SA	2026 GMC SIERRA 1500 REGULAR CAB PICKUP 2WD 140" WB WORK TRUCK 8' BED	$41,095	$36,852
61	TK10903 1SA	2026 GMC SIERRA 1500 REGULAR CAB PICKUP 4WD 140" WB WORK TRUCK 8' BED	$45,695	$40,793
63	TC10753 1SA	2026 GMC SIERRA 1500 DOUBLE CAB PICKUP 2WD 147" WB WORK TRUCK 6.5' BED	$44,195	$38,015
65	TC10753 3SA	2026 GMC SIERRA 1500 DOUBLE CAB PICKUP 2WD 147" WB SLE 6.5' BED	$48,700	$41,269
67	TK10753 1SA	2026 GMC SIERRA 1500 DOUBLE CAB PICKUP 4WD 147" WB WORK TRUCK 6.5' BED	$47,495	$40,660
69	TK10753 3SA	2026 GMC SIERRA 1500 DOUBLE CAB PICKUP 4WD 147" WB SLE 6.5' BED	$54,595	$46,620
71	TC10543 1SA	2026 GMC SIERRA 1500 CREW CAB PICKUP 2WD 147" WB WORK TRUCK 5.5' BED	$46,595	$40,299
73	TC10543 3SA	2026 GMC SIERRA 1500 CREW CAB PICKUP 2WD 147" WB SLE 5.5' BED	$53,695	$46,278
75	TK10543 1SA	2026 GMC SIERRA 1500 CREW CAB PICKUP 4WD 147" WB WORK TRUCK 5.5' BED	$49,895	$42,944
77	TK10543 3SA	2026 GMC SIERRA 1500 CREW CAB PICKUP 4WD 147" WB SLE 5.5' BED	$56,995	$48,852
80	TK10543 4SB	2026 GMC SIERRA 1500 CREW CAB PICKUP 4WD 147" WB AT4 5.5' BED	$69,395	$60,940
81	TK10743 1SA	2026 GMC SIERRA 1500 CREW CAB PICKUP 4WD 157" WB WORK TRUCK 6.5' BED	$50,195	$43,243
83	TK10743 3SA	2026 GMC SIERRA 1500 CREW CAB PICKUP 4WD 157" WB SLE 6.5' BED	$57,295	$49,145
86	TK10743 4SB	2026 GMC SIERRA 1500 CREW CAB PICKUP 4WD 157" WB AT4 6.5' BED	$69,895	$61,427
87	TC20903 1SA	2026 GMC SIERRA 2500HD REGULAR CAB PICKUP 2WD PRO 8' BED	$49,295	$44,655
90	TK20903 1SA	2026 GMC SIERRA 2500HD REGULAR CAB PICKUP 4WD PRO 8' BED	$52,095	$46,757
92	TK20903 3SA	2026 GMC SIERRA 2500HD REGULAR CAB PICKUP 4WD SLE 8' BED	$56,095	$49,571
94	TC20753 1SA	2026 GMC SIERRA 2500HD DOUBLE CAB PICKUP 2WD PRO 6.5' BED	$51,195	$44,698
97	TK20753 1SA	2026 GMC SIERRA 2500HD DOUBLE CAB PICKUP 4WD PRO 6.5' BED	$53,995	$47,442
99	TK20753 3SA	2026 GMC SIERRA 2500HD DOUBLE CAB PICKUP 4WD SLE 6.5' BED	$58,195	$50,964
101	TC20953 1SA	2026 GMC SIERRA 2500HD DOUBLE CAB PICKUP 2WD PRO 8' BED	$51,395	$45,536

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104	TK20953 1SA	2026 GMC SIERRA 2500HD DOUBLE CAB PICKUP 4WD PRO 8' BED	$54,195	$47,638
106	TK20953 3SA	2026 GMC SIERRA 2500HD DOUBLE CAB PICKUP 4WD SLE 8' BED	$58,395	$51,158
108	TC20743 1SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 2WD PRO 6.5' BED	$52,995	$47,318
111	TK20743 1SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 4WD PRO 6.5' BED	$55,795	$49,421
113	TK20743 3SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 4WD SLE 6.5' BED	$59,995	$52,924
115	TK20743 4SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 4WD SLT 6.5' BED	$67,295	$59,999
116	TK20743 4SB	2026 GMC SIERRA 2500HD CREW CAB PICKUP 4WD AT4 6.5' BED	$74,195	$66,689
117	TC20943 1SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 2WD PRO 8' BED	$53,195	$47,514
120	TK20943 1SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 4WD PRO 8' BED	$55,995	$49,617
122	TK20943 3SA	2026 GMC SIERRA 2500HD CREW CAB PICKUP 4WD SLE 8' BED	$60,195	$53,117
124	TC30903 1SA	2026 GMC SIERRA 3500HD REGULAR CAB PICKUP 2WD SRW PRO 8' BED	$50,495	$45,403
127	TK30903 1SA	2026 GMC SIERRA 3500HD REGULAR CAB PICKUP 4WD SRW PRO 8' BED	$53,292	$47,483
129	TK30903 3SA	2026 GMC SIERRA 3500HD REGULAR CAB PICKUP 4WD SRW SLE 8' BED	$57,295	$50,790
131	TC30953 1SA	2026 GMC SIERRA 3500HD DOUBLE CAB PICKUP 2WD SRW PRO 8' BED	$52,595	$46,276
134	TK30953 1SA	2026 GMC SIERRA 3500HD DOUBLE CAB PICKUP 4WD SRW PRO 8' BED	$55,395	$48,359
136	TK30953 3SA	2026 GMC SIERRA 3500HD DOUBLE CAB PICKUP 4WD SRW SLE 8' BED	$59,595	$51,832
138	TC30743 1SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 2WD SRW PRO 6.5' BED	$54,195	$48,041
141	TK30743 1SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD SRW PRO 6.5' BED	$56,995	$50,124
143	TK30743 3SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD SRW SLE 6.5' BED	$61,195	$53,581
145	TK30743 4SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD SRW SLT 6.5' BED	$68,495	$60,592
146	TK30743 4SB	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD SRW AT4 6.5' BED	$75,395	$67,218
147	TC30943 1SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 2WD SRW PRO 8' BED	$54,395	$48,235
150	TK30943 1SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD SRW PRO 8' BED	$57,195	$50,318
152	TK30943 3SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD SRW SLE 8' BED	$68,695	$60,784
154	TC30903 1SA	2026 GMC SIERRA 3500HD REGULAR CAB PICKUP 2WD DRW PRO 8' BED	$51,895	$46,762
157	TK30903 1SA	2026 GMC SIERRA 3500HD REGULAR CAB PICKUP 4WD DRW PRO 8' BED	$54,695	$48,845
159	TK30903 3SA	2026 GMC SIERRA 3500HD REGULAR CAB PICKUP 4WD DRW SLE 8' BED	$58,795	$52,230
161	TC30953 1SA	2026 GMC SIERRA 3500HD DOUBLE CAB PICKUP 2WD DRW PRO 8' BED	$53,995	$47,635
164	TK30953 1SA	2026 GMC SIERRA 3500HD DOUBLE CAB PICKUP 4WD DRW PRO 8' BED	$56,795	$49,718
166	TK30953 3SA	2026 GMC SIERRA 3500HD DOUBLE CAB PICKUP 4WD DRW SLE 8' BED	$60,995	$53,177
168	TC30943 1SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 2WD DRW PRO 8' BED	$55,795	$49,595
170	TC30943 3SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 2WD DRW SLE 8' BED	$62,695	$55,657

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172	TK30943 1SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD DRW PRO 8' BED	$58,595	$51,678
174	TK30943 3SA	2026 GMC SIERRA 3500HD CREW CAB PICKUP 4WD DRW SLE 8' BED	$62,695	$55,021
176	TC31003 1SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 2WD DRW PRO 60" CA	$50,195	$45,006
178	TC31003 3SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 2WD DRW SLE 60" CA	$54,195	$47,706
180	TK31003 1SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 4WD DRW PRO 60" CA	$52,995	$47,088
182	TK31003 3SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 4WD DRW SLE 60" CA	$56,995	$50,395
184	TC31403 1SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 2WD DRW PRO 84" CA	$50,395	$45,200
186	TC31403 3SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 2WD DRW SLE 84" CA	$54,395	$48,534
188	TK31403 1SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 4WD DRW PRO 84" CA	$53,195	$47,282
190	TK31403 3SA	2026 GMC SIERRA 3500HD REGULAR CAB CHASSIS 4WD DRW SLE 84" CA	$57,195	$50,587
192	TC31043 1SA	2026 GMC SIERRA 3500HD CREW CAB CHASSIS 2WD DRW PRO 60" CA	$54,095	$48,262
194	TC31043 3SA	2026 GMC SIERRA 3500HD CREW CAB CHASSIS 2WD DRW SLE 60" CA	$58,195	$51,653
196	TK31043 1SA	2026 GMC SIERRA 3500HD CREW CAB CHASSIS 4WD DRW PRO 60" CA	$56,895	$50,345
198	TK31043 3SA	2026 GMC SIERRA 3500HD CREW CAB CHASSIS 4WD DRW SLE 60" CA	$60,995	$53,707

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
4	MPJM74 29J	2026 JEEP COMPASS 4WD LATTITUDE	$37,310	$36,779

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
4	13316	2026 NISSAN ALTIMA FWD SV	$29,260	$22,431
6	13216	2026 NISSAN ALTIMA AWD SV	$30,790	$23,895
8	13516	2026 NISSAN ALTIMA FWD SR	$30,690	$23,797
10	13416	2026 NISSAN ALTIMA AWD SR	$32,230	$25,263
12	13716	2026 NISSAN ALTIMA FWD SL	$35,300	$28,190
14	13616	2026 NISSAN ALTIMA AWD SL	$35,300	$28,190
16	17016	2026 NISSAN LEAF FWD S 40 kWh	$30,840	$30,777
34	21316	2026 NISSAN KICKS FWD SV	$25,930	$24,471
36	21216	2026 NISSAN KICKS AWD SV	$27,610	$26,120
38	21516	2026 NISSAN KICKS FWD SR	$28,240	$26,738
40	21416	2026 NISSAN KICKS AWD SR	$29,760	$28,237
42	22116	2026 NISSAN ROGUE FWD S	$30,480	$24,634
44	22016	2026 NISSAN ROGUE AWD S	$31,880	$26,001
46	22316	2026 NISSAN ROGUE FWD SV	$31,480	$25,433
48	22216	2026 NISSAN ROGUE AWD SV	$32,880	$26,796
56	22716	2026 NISSAN ROGUE AWD PLATINUM	$40,980	$34,703
58	23116	2026 NISSAN MURANO FWD SV	$42,890	$35,758
60	23016	2026 NISSAN MURANO AWD SV	$43,910	$36,733
64	23216	2026 NISSAN MURANO AWD SL	$49,160	$41,769
68	23416	2026 NISSAN MURANO AWD PLATINUM	$52,240	$44,731
70	25116	2026 NISSAN PATHFINDER FWD S	$39,080	$29,594
72	25016	2026 NISSAN PATHFINDER 4WD S	$41,120	$36,295
74	25316	2026 NISSAN PATHFINDER FWD SV	$41,880	$33,223
76	25216	2026 NISSAN PATHFINDER 4WD SV	$43,930	$34,200
78	25516	2026 NISSAN PATHFINDER FWD SL	$45,110	$35,327
80	25616	2026 NISSAN PATHFINDER 4WD SL	$47,160	$37,270
82	25716	2026 NISSAN PATHFINDER FWD PLATINUM	$52,400	$42,253
84	25816	2026 NISSAN PATHFINDER 4WD PLATINUM	$54,450	$44,197
86	26116	2026 NISSAN ARMADA 2WD SV	$61,790	$53,537
88	26216	2026 NISSAN ARMADA 4WD SV	$64,860	$56,439
90	26316	2026 NISSAN ARMADA 2WD SL	$66,600	$58,073
92	26416	2026 NISSAN ARMADA 4WD SL	$69,670	$60,975

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94	26516	2026 NISSAN ARMADA 2WD PLATINUM	$73,730	$64,806
96	26616	2026 NISSAN ARMADA 4WD PLATINUM	$76,800	$67,709
98	31116	2026 NISSAN FRONTIER KING CAB PICKUP 2WD S 6' BED	$34,360	$29,782
100	31016	2026 NISSAN FRONTIER KING CAB PICKUP 4WD S 6' BED	$37,440	$32,809
106	32116	2026 NISSAN FRONTIER CREW CAB PICKUP 2WD S 5' BED	$35,630	$31,029
108	32016	2026 NISSAN FRONTIER CREW CAB PICKUP 4WD S 5' BED	$38,690	$34,043
110	32316	2026 NISSAN FRONTIER CREW CAB PICKUP 2WD SV 5' BED	$38,020	$33,380
112	32216	2026 NISSAN FRONTIER CREW CAB PICKUP 4WD SV 5' BED	$41,380	$36,693
114	33316	2026 NISSAN FRONTIER CREW CAB PICKUP LWB 2WD SV 6' BED	$38,530	$33,882
116	33216	2026 NISSAN FRONTIER CREW CAB PICKUP LWB 4WD SV 6' BED	$41,890	$37,195
118	32516	2026 NISSAN FRONTIER CREW CAB PICKUP 2WD PRO-X 5' BED	$40,750	$35,861
120	32416	2026 NISSAN FRONTIER CREW CAB PICKUP 4WD PRO-4X 5' BED	$44,120	$39,156
122	32716	2026 NISSAN FRONTIER CREW CAB PICKUP 2WD SL 5' BED	$44,160	$39,424
124	32616	2026 NISSAN FRONTIER CREW CAB PICKUP 4WD SL 5' BED	$47,520	$42,737
130	33416	2026 NISSAN FRONTIER CREW CAB PICKUP LWB 4WD PRO-4X 6' BED	$44,630	$39,656

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
1	DT1L41 23A	2026 RAM 1500 QUAD CAB PICKUP 2WD TRADESMAN 6.5' BED	$42,370	$39,640
2	DT1H41 23Z	2026 RAM 1500 QUAD CAB PICKUP 2WD BIG HORN 6.5' BED	$47,825	$40,001
3	DT6L41 23A	2026 RAM 1500 QUAD CAB PICKUP 4WD TRADESMAN 6.5' BED	$46,220	$39,062
4	DT6H41 23Z	2026 RAM 1500 QUAD CAB PICKUP 4WD BIG HORN 6.5' BED	$51,675	$43,740
5	DT1L98 23A	2026 RAM 1500 CREW CAB PICKUP 2WD TRADESMAN 5.5' BED	$45,120	$37,536
6	DT1H98 23Z	2026 RAM 1500 CREW CAB PICKUP 2WD BIG HORN 5.5' BED	$52,270	$43,803
7	DT6L98 23A	2026 RAM 1500 CREW CAB PICKUP 4WD TRADESMAN 5.5' BED	$48,970	$41,336
8	DT6H98 23Z	2026 RAM 1500 CREW CAB PICKUP 4WD BIG HORN 5.5' BED	$56,120	$47,598
9	DT1L91 21A	2026 RAM 1500 CREW CAB PICKUP 2WD TRADESMAN 6.5' BED	$48,260	$40,635
10	DT1H91 21Z	2026 RAM 1500 CREW CAB PICKUP 2WD BIG HORN 6.5' BED	$55,410	$46,852
11	DT6L91 21A	2026 RAM 1500 CREW CAB PICKUP 4WD TRADESMAN 6.5' BED	$52,110	$44,433
12	DT6H91 21Z	2026 RAM 1500 CREW CAB PICKUP 4WD BIG HORN 6.5' BED	$59,260	$50,654
13	DJ2L62 2UA	2026 RAM 2500 REGULAR CAB PICKUP 2WD TRADESMAN 8' BED	$47,745	$39,269
14	DJ2H62 2UZ	2026 RAM 2500 REGULAR CAB PICKUP 2WD BIG HORN 8' BED	$51,495	$42,900
15	DJ7L62 2UA	2026 RAM 2500 REGULAR CAB PICKUP 4WD TRADESMAN 8' BED	$50,550	$41,988
16	DJ7H62 2UZ	2026 RAM 2500 REGULAR CAB PICKUP 4WD BIG HORN 8' BED	$54,425	$45,735
17	DJ2L91 2UA	2026 RAM 2500 CREW CAB PICKUP 2WD TRADESMAN 6.5' BED	$55,400	$46,676
18	DJ2H91 2UZ	2026 RAM 2500 CREW CAB PICKUP 2WD BIG HORN 6.5' BED	$58,330	$49,509
19	DJ7L91 2UA	2026 RAM 2500 CREW CAB PICKUP 4WD TRADESMAN 6.5' BED	$54,170	$45,492
20	DJ7H91 2UZ	2026 RAM 2500 CREW CAB PICKUP 4WD BIG HORN 6.5' BED	$58,330	$49,509
21	DJ2L92 2UA	2026 RAM 2500 CREW CAB PICKUP 2WD TRADESMAN 8' BED	$51,440	$42,848
22	DJ2H92 2UZ	2026 RAM 2500 CREW CAB PICKUP 2WD BIG HORN 8' BED	$55,600	$46,869
23	DJ7L92 2UA	2026 RAM 2500 CREW CAB PICKUP 4WD TRADESMAN 8' BED	$54,370	$45,685
24	DJ7H92 2UZ	2026 RAM 2500 CREW CAB PICKUP 4WD BIG HORN 8' BED	$58,530	$49,703
25	DJ7P81 24H	2026 RAM 2500 MEGA CAB PICKUP 4WD LARAMIE 8' BED	$80,415	$70,893
26	D23L62 2UA	2026 RAM 3500 REGULAR CAB PICKUP 2WD SRW TRADESMAN 8' BED	$48,820	$40,312
27	D23H62 2UZ	2026 RAM 3500 REGULAR CAB PICKUP 2WD SRW BIG HORN 8' BED	$52,695	$44,062
28	D28L62 2UA	2026 RAM 3500 REGULAR CAB PICKUP 4WD SRW TRADESMAN 8' BED	$51,750	$43,150
29	D28H62 2UZ	2026 RAM 3500 REGULAR CAB PICKUP 4WD SRW BIG HORN 8' BED	$55,625	$46,897
30	D23L91 2UA	2026 RAM 3500 CREW CAB PICKUP 2WD SRW TRADESMAN 6.5' BED	$52,440	$43,816
31	D23H91 2UZ	2026 RAM 3500 CREW CAB PICKUP 2WD SRW BIG HORN 6.5' BED	$56,600	$47,837
32	D28L91 2UA	2026 RAM 3500 CREW CAB PICKUP 4WD SRW TRADESMAN 6.5' BED	$55,370	$46,652

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33	D28H91 2UZ	2026 RAM 3500 CREW CAB PICKUP 4WD SRW BIG HORN 6.5' BED	$59,530	$50,671
34	D23L92 2UA	2026 RAM 3500 CREW CAB PICKUP 2WD SRW TRADESMAN 8' BED	$52,640	$44,010
35	D23H92 2UZ	2026 RAM 3500 CREW CAB PICKUP 2WD SRW BIG HORN 8' BED	$56,800	$48,030
36	D28L92 2UA	2026 RAM 3500 CREW CAB PICKUP 4WD SRW TRADESMAN 8' BED	$55,570	$46,846
37	D28H92 2UZ	2026 RAM 3500 CREW CAB PICKUP 4WD SRW BIG HORN 8' BED	$59,730	$50,865
38	D28P81 24H	2026 RAM 3500 MEGA CAB PICKUP 4WD SRW LARAMIE 8' BED	$81,615	$72,055
39	DD3L63 2UA	2026 RAM 3500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 60" CA	$49,385	$42,530
40	DD3L64 2UA	2026 RAM 3500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 84" CA	$50,340	$43,421
41	DD8L63 2UA	2026 RAM 3500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 60" CA	$52,920	$45,832
42	DD8L64 2UA	2026 RAM 3500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 84" CA	$53,875	$46,725
43	DD3L93 2UA	2026 RAM 3500 CREW CAB CHASSIS 2WD DRW TRADESMAN 60" CA	$52,570	$45,507
44	DD8L93 2UA	2026 RAM 3500 CREW CAB CHASSIS 4WD DRW TRADESMAN 60" CA	$56,105	$48,808
45	DP9L63 2XA	2026 RAM 4500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 60" CA	$59,295	$51,265
46	DP4L63 2YA	2026 RAM 4500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 60" CA	$55,760	$47,962
47	DP4L64 2XA	2026 RAM 4500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 84" CA	$55,965	$48,154
48	DP9L64 2XA	2026 RAM 4500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 84" CA	$59,500	$51,456
49	DP4L65 2XA	2026 RAM 4500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 108" CA	$56,170	$48,346
50	DP9L65 2XA	2026 RAM 4500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 108" CA	$59,705	$51,648
51	DP4L93 2XA	2026 RAM 4500 CREW CAB CHASSIS 2WD DRW TRADESMAN 60" CA	$59,405	$51,368
52	DP9L93 2XA	2026 RAM 4500 CREW CAB CHASSIS 4WD DRW TRADESMAN 60" CA	$62,940	$54,671
53	DP4L94 2XA	2026 RAM 4500 CREW CAB CHASSIS 2WD DRW TRADESMAN 84" CA	$59,605	$51,554
54	DP9L94 2XA	2026 RAM 4500 CREW CAB CHASSIS 4WD DRW TRADESMAN 84" CA	$63,140	$54,858
55	DP5L63 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 60" CA	$56,870	$49,000
56	DP0L63 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 60" CA	$60,405	$52,302
57	DP5L64 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 84" CA	$57,075	$49,191
58	DP0L64 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 84" CA	$60,610	$52,493
59	DP5L65 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 108" CA	$57,280	$49,383
60	DP0L65 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 108" CA	$60,815	$52,685
61	DP5L66 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 2WD DRW TRADESMAN 120" CA	$57,485	$49,575
62	DP0L66 2XA	2026 RAM 5500 REGULAR CAB CHASSIS 4WD DRW TRADESMAN 120" CA	$61,020	$52,876
63	DP5L93 2XA	2026 RAM 5500 CREW CAB CHASSIS 2WD DRW TRADESMAN 60" CA	$60,515	$52,405
64	DP0L93 2XA	2026 RAM 5500 CREW CAB CHASSIS 4WD DRW TRADESMAN 60" CA	$64,050	$55,709

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65	DP5L94 2XA	2026 RAM 5500 CREW CAB CHASSIS 2WD DRW TRADESMAN 84" CA	$60,715	$52,591
66	DP0L94 2XA	2026 RAM 5500 CREW CAB CHASSIS 4WD DRW TRADESMAN 84" CA	$64,250	$55,896
67	VF1L11 22B	2026 RAM PROMASTER 1500 LOW ROOF W/PASSENGER SEAT RWD 118" WB (NO REAR GLASS)	$47,355	$38,924
68	VF1L12 22B	2026 RAM PROMASTER 1500 LOW ROOF W/PASSENGER SEAT RWD 136" WB (NO REAR GLASS)	$50,050	$41,567
70	VF1L13 22B	2026 RAM PROMASTER 1500 HIGH ROOF W/PASSENGER SEAT RWD 136" WB (NO REAR GLASS)	$50,900	$42,400
72	VF2L12 22B	2026 RAM PROMASTER 2500 LOW ROOF W/PASSENGER SEAT RWD 136" WB (NO REAR GLASS)	$51,640	$43,125
74	VF2L13 22B	2026 RAM PROMASTER 2500 HIGH ROOF W/PASSENGER SEAT RWD 136" WB (NO REAR GLASS)	$52,590	$44,057
76	VF2L16 22B	2026 RAM PROMASTER 2500 HIGH ROOF W/PASSENGER SEAT RWD 159" WB (NO REAR GLASS)	$53,255	$44,710
78	VF3L12 22B	2026 RAM PROMASTER 3500 LOW ROOF W/PASSENGER SEAT RWD 136" WB (NO REAR GLASS)	$52,680	$44,145
80	VF3L13 22B	2026 RAM PROMASTER 3500 HIGH ROOF W/PASSENGER SEAT RWD 136" WB (NO REAR GLASS)	$53,630	$45,077
82	VF3L16 22B	2026 RAM PROMASTER 3500 HIGH ROOF W/PASSENGER SEAT RWD 159" WB (NO REAR GLASS)	$54,280	$45,715
84	VF3L17 22B	2026 RAM PROMASTER 3500 HIGH ROOF EXTENDED LENGTH RWD 159" WB (NO REAR GLASS)	$57,140	$48,518
88	VF2L26 22B	2026 RAM PROMASTER 2500 HIGH ROOF WINDOW VAN RWD 159" WB FULL BODY GLASS	$52,585	$44,052
90	VF3L27 22B	2026 RAM PROMASTER 3500 HIGH ROOF EXTENDED LENGTH WINDOW VAN RWD 159" WB FULL BODY GLASS	$56,520	$47,909
92	VF3L19 22B	2026 RAM PROMASTER 3500 SUPER HIGH ROOF EXTENDED LENGTH RWD 159" WB (NO REAR GLASS)	$57,985	$49,348

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
5	1852	2026 TOYOTA COROLLA FWD LE	$23,885	$22,878
6	1864	2026 TOYOTA COROLLA FWD SE	$28,490	$25,165
7	1866	2026 TOYOTA COROLLA FWD XSE	$29,600	$28,234
8	1882	2026 TOYOTA COROLLA FWD LE	$25,735	$24,612
9	1883	2026 TOYOTA COROLLA AWD LE	$27,135	$25,925
10	1886	2026 TOYOTA COROLLA FWD SE	$28,175	$26,898
11	1887	2026 TOYOTA COROLLA AWD SE	$29,575	$28,211
12	1892	2026 TOYOTA COROLLA FWD XLE	$30,100	$28,704
16	6301	2026 TOYOTA COROLLA CROSS FWD L	$25,795	$25,401
17	6302	2026 TOYOTA COROLLA CROSS AWD L	$27,095	$26,647
18	6303	2026 TOYOTA COROLLA CROSS FWD LE	$28,125	$27,344
19	6304	2026 TOYOTA COROLLA CROSS AWD LE	$29,425	$28,576
20	6312	2026 TOYOTA COROLLA CROSS 4WD S	$30,370	$29,578
21	6314	2026 TOYOTA COROLLA CROSS 4WD SE	$31,690	$30,517
22	2559	2026 TOYOTA CAMRY FWD LE	$30,160	$28,576
23	2560	2026 TOYOTA CAMRY FWD XLE	$35,160	$33,230
24	2561	2026 TOYOTA CAMRY FWD SE	$32,460	$30,717
25	2552	2026 TOYOTA CAMRY AWD LE	$31,685	$29,996
26	2553	2026 TOYOTA CAMRY AWD SE	$33,985	$32,137
27	2555	2026 TOYOTA CAMRY AWD XLE	$36,685	$34,650
28	2810	2026 TOYOTA VENZA FWD LE	$36,570	$33,056
29	2820	2026 TOYOTA VENZA FWD XLE	$39,780	$36,840
30	4015	2026 TOYOTA CROWN AWD XLE	$42,600	$39,713
31	4020	2026 TOYOTA CROWN AWD LIMITED	$47,110	$43,863
32	4030	2026 TOYOTA CROWN AWD Platinum	$56,150	$52,181
35	1223	2026 TOYOTA PRIUS FWD LE	$29,710	$28,233
36	1235	2026 TOYOTA PRIUS PRIME PLUG IN FWD LE	$34,935	$33,718
37	1263	2026 TOYOTA PRIUS AWD LE	$31,110	$29,567
38	1225	2026 TOYOTA PRIUS FWD XLE	$33,155	$31,202
39	1265	2026 TOYOTA PRIUS AWD XLE	$34,555	$32,522
58	6953	2026 TOYOTA HIGHLANDER AWD XLE	$46,770	$43,746
59	6956	2026 TOYOTA HIGHLANDER AWD LIMITED	$51,225	$47,861

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ROW	MODEL CODE	MODEL DESCRIPTION	MSRP	CONTRACT PRICE
60	6965	2026 TOYOTA HIGHLANDER HYBRID AWD XLE	$48,520	$45,553
61	6966	2026 TOYOTA HIGHLANDER HYBRID AWD LIMITED	$52,975	$49,686
62	6700	2026 TOYOTA GRAND HIGHLANDER FWD LE	$42,860	$40,137
63	6706	2026 TOYOTA GRAND HIGHLANDER AWD LE	$44,460	$41,612
64	6716	2026 TOYOTA GRAND HIGHLANDER FWD XLE	$47,380	$44,496
65	6720	2026 TOYOTA GRAND HIGHLANDER AWD LE	$46,210	$43,411
66	6722	2026 TOYOTA GRAND HIGHLANDER AWD XLE	$48,980	$45,980
67	6724	2026 TOYOTA GRAND HIGHLANDER AWD LIMITED	$52,210	$50,367
92	8242	2026 TOYOTA TUNDRA DOUBLE CAB PICKUP 2WD SR 6.5' BED	$43,355	$41,212
93	8342	2026 TOYOTA TUNDRA DOUBLE CAB PICKUP 4WD SR 6.5' BED	$46,355	$40,810
94	8241	2026 TOYOTA TUNDRA DOUBLE CAB PICKUP 2WD SR5 6.5' BED	$55,976	$52,329
95	8341	2026 TOYOTA TUNDRA DOUBLE CAB PICKUP 4WD SR5 6.5' BED	$51,605	$48,934
96	8245	2026 TOYOTA TUNDRA DOUBLE CAB PICKUP 2WD SR 8' BED	$43,685	$38,311
97	8346	2026 TOYOTA TUNDRA DOUBLE CAB PICKUP 4WD SR5 8' BED	$52,470	$49,743
98	8248	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD SR 5.5' BED	$45,355	$39,874
99	8348	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD SR 5.5' BED	$48,355	$45,892
100	8261	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD SR5 5.5' BED	$50,605	$44,787
101	8361	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD SR5 5.5' BED	$53,605	$47,596
102	8281	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD SR5 6.5' BED	$51,470	$45,598
103	8381	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD SR5 6.5' BED	$54,470	$51,616
104	8282	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD LIMITED 6.5' BED	$55,190	$53,851
105	8272	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD LIMITED 5.5' BED	$56,955	$53,944
106	8372	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD LIMITED 5.5' BED	$59,955	$53,542
107	8382	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD LIMITED 6.5' BED	$60,285	$53,851
108	8401	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD LIMITED 5.5' BED	$60,655	$57,407
109	8421	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD LIMITED 5.5' BED	$63,745	$60,216
110	8411	2026 TOYOTA TUNDRA CREW MAX PICKUP 2WD LIMITED 6.5' BED	$60,985	$57,716
111	8431	2026 TOYOTA TUNDRA CREW MAX PICKUP 4WD LIMITED 6.5' BED	$63,985	$60,525

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

REGULAR AND SPECIAL FACTORY PRODUCTION OPTIONS

RPO	All Regular And Factory Production Options to be offered at discount from MSRP, Copy of Window Sticker Standard equimpment list and MSRP option prices to be provided to customer with each contract conforming quote.	$0.00
SEO	All Special Equipment Factory Production Options to be offered at discount from MSRP, Copy of Window Sticker Standard equimpment list and MSRP option prices to be provided to customer with each contract conforming quote.	$0.00
VSO	All Factory Production Vehicle Specific Options to be offered at discount from MSRP, Copy of Window Sticker Standard equimpment list and MSRP	$0.00
ASSUME	ANY ITEMS NOT SPECIFICALLY LISTED ON THIS QUOTE ARE TO BE ASSUMED UNAVAILABLE OR NOT INCLUDED.	$0.00

NON-IDENTIFIED CONTRACT OPTIONS

NICO	Any Option not listed in this price schedule may be added in accordance with contract guidelines (not to exceed 10% over dealer costs).	$0.00
FORCE MAJEURE	Surcharge for equipment / bodies - add "X" percentge - due to unforeseeable circumstances / acts of God.	$0.00
CD FEE	COURTESY DELIVERY -DROP SHIP- TO LOCAL VENDOR FOR PDI AND DELIVERY.	$0.00

EXTENDED WARRANTY

EWA	Price to be quoted at Florida Mandatory Sales Price. Warranties available through: Ford ESP, GMPP, NISSAN, JM&A, MOPAR. PRICES TO BE QUOTED FOR SPECIFIC VEHICLE AND POWER TRAIN COMBINATION.	$0.00

P-CARD AND CREDIT CARD TRANSACTIONS

MSF	A 5% convienence fee of the total sale price will be assessed for all merchant service transations above $2,500.00.	$0.00

ADDITIONAL KEYS

3K	Plain cut 3rd key (NO REMOTE).	$90.00
4K	Plain cut 3rd & 4th keys (NO REMOTES).	$185.00
3KR	Additional key and remote, cut and programmed.	$310.00
4KR	(2) Additional keys and remotes, cut and programmed.	$520.00
3K SMART	3rd key and remote for vehicles with proximity access.	$375.00
4K SMART	3rd & 4th keys and remotes for vehicles with proximity access.	$625.00

PAINT AND GRAPHICS

B&W-DO	Dealer provided Black & White paint job on factory ordered Black vehicle, DOORS ONLY painted white, mirrors and handles to remain black.	$1,890.00
B&W-D&R	Dealer provided Black & White paint job on factory ordered Black vehicle, DOORS and ROOF painted white, mirrors and handles to remain black.	$2,250.00
CGP	CUSTOM GRAPHICS PACKAGE Furnished and Installed per customers specification.	$865.00
CGP-CHEV	CUSTOM GRAPHICS PACKAGE Furnished and Installed per customers specifications including rear tailgate chevrons.	$1,360.00

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ASSET MANAGEMENT

CDMB	Asset management consulting services provided by CEM certified industry professional with 40+ years of experience. Price listed at hourly rate, discounts may apply based upon the scope of services required.	$0.00

SAFETY ITEMS

3BLS	3rd brake light safety sulse (Pulses 3rd brake light (4) times upon application of brake pedal to increase driver awareness behind you when stopping)	$220.00
SAFE-T	Amerex 5lb Fire extinguisher, First Aide Only first aid kit, and King James & Co road triangles	$65.00
FIRE 2.5LB	2.5# ABC FIRE EXTINGUISHER, PART# B417T, INSTALLED WITH BRACKET, MOUNTED INSIDE REAR CARGO AREA.	$65.00
FIRE-X-5LB	Amerex B500 Fire Extinguisher with 5DC HD Vehicle Bracket (Furnished and Installed inside rear cab area, driver's Side)	$85.00
FSS	Full Size Spare Tire and Wheel ships loose in cargo area or trunk, may not cosmetically match factory wheels and tires. Does not include TPMS.	$505.00
RE-PDI	RE PDI OF DEALER TRADE VEHICLE TO ENSURE PROPER FLUIDS & FUNCTION.	$0.00

DRIVERS EDUCATION

ABG BRAKE-PASS-TOYO	Furnish and install OS Brake passenger side brake pedal on Toyota vehicles.	$3,440.00
ABG BRAKE-PASS-UNIV	Furnish and install Universal OS Brake passenger side brake pedal	$3,160.00

TAG & REGISTRATION

NO-TEMP	Tag work not requested, customer will handle their own tag work.	$0.00
TITLE ONLY NO-TAG	PROCESS A TITLE ONLY FOR TRIBE.	$87.85
TEMP-TAG	Temporary tag only. Tag work not requested, customer will handle their own tag work.	$45.00
TRANS-TAG	Transfer existing registration Includes temp tag & two way overnight shipping for signature. (must provide tag number)	$195.00
NEW-TAG	New tag Includes temp tag & two way overnight shipping for signature.(specify state, county, city, sheriff, etc.)	$245.00
NEW-TAG-CITY	New CITY tag Includes temp tag & two way overnight shipping for signature.	$245.00
NEW-TAG-STATE	New STATE tag Includes temp tag & two way overnight shipping for signature.	$245.00
NEW-TAG-COUNTY	New COUNTY tag Includes temp tag & two way overnight shipping for signature.	$245.00
NEW-TAG-SHERIFF	New SHERIFF tag Includes temp tag & two way overnight shipping for signature.	$245.00
NEW-TAG-COLLEGE	New COLLEGE tag Includes temp tag & two way overnight shipping for signature.	$245.00
NEW-TAG-X	New tag Includes temp tag & two way overnight shipping for signature (X-SERIES).	$245.00

GA STATE DELIVERY

GA DELIVERY-A	DELIVERY CHARGE FOR ALL ZONES WITH EXCEPTION OF ZONE 3	$0.00
GA DELIVERY-B	DELIVERY CHARGE FOR ZONE 3	$0.00

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SUV CONVERSIONS

AE 2025	EPA approvals pending for all 2025 models.	$0.00

VAN CONVERSIONS

AE 2025	EPA approvals pending for all 2025 models.	$0.00

TRUCK CONVERSIONS

AE 2025	EPA approvals pending for all 2025 models.	$0.00
AE F15012.8BF SB	Ford F150 12.7 GGE 5.0L Bi-Fuel (Crew Cab short bed 5.5' Box)	$13,115.00
AE F15021BF	Ford F150 21.2 GGE 5.0L Bi-Fuel (6.5' and 8' bed configurations)	$14,170.00
AE F230-350 BF21GGE PU	Ford F250-F350 21 GGE 6.2L bi-fuel for installation in pickup configuration.	$14,870.00
AE F230-350 BF21GGE UTIL	Ford F250-F350 21 GGE 6.2L bi-fuel for installation in utility body configuration.	$14,870.00

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VENT VISORS

RS 2	Stick on rain shields (2-doors).	$105.00
RS 4	Stick on rain shields (4-doors).	$135.00

FLOOR PROTECTION

SEDANS

WTF SDN 1	Weather Tech floor liner system (1st row only).	$210.00
WTF SDN 2	Weather Tech floor liner system (1st & 2nd rows).	$330.00

SUVs

WTF SUV 1	Weather Tech floor liner system (1st row only).	$210.00
WTF SUV 2	Weather Tech floor liner system (1st & 2nd rows).	$330.00
WTF SUV 3	Weather Tech floor liner system (1st & 2nd rows plus cargo area).	$505.00

VANS

WTF VAN 1	Weather Tech floor liner system (1st row only).	$185.00
WTF VAN 2	Weather Tech floor liner system (1st & 2nd rows).	$330.00
WTF VAN 3	Weather Tech floor liner system (1st, 2nd, & 3rd rows).	$450.00

TRUCKS

WTF REG	Weather Tech floor liner system for regular cab pick-up trucks.	$210.00
WTF EXT	Weather Tech floor liner system for extended cab pick-up trucks.	$315.00
WTF CRW	Weather Tech floor liner system for crew cab pick-up trucks.	$315.00

WINDOW FILM

SEDANS

WSTP	Windshield strip	$60.00
DT2 SDN	Deep tint film installed on front two door glass only.	$165.00
DTF SDN	Deep tint film installed on all side and rear glass.	$410.00
LIMO	Upgrade tint to LIMO on all tinted surfaces	$155.00

SUVs

WSTP	Windshield strip	$60.00
DT2 SUV	Deep tint film installed on front two door glass only.	$165.00
DTF SUV	Deep tint film on SUV with full side and rear glass coverage.	$410.00
LIMO	Upgrade tint to LIMO on all tinted surfaces	$155.00

VANS

WSTP	Windshield strip	$60.00
DT2 VAN	Deep tint film installed on front two door glass only.	$165.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

DTF G VAN	Deep tint film on cargo van with side and rear door glass.	$470.00
DTF P VAN	Deep tint film on passenger van with full body glass.	$470.00
LIMO	Upgrade tint to LIMO on all tinted surfaces	$155.00

TRUCKS

WSTP	Windshield strip	$60.00
DT2 TRK	Deep tint film installed on front two door glass only.	$195.00
DTF 2 TRK	Deep tint film installed on front two door glass and rear window.	$245.00
DTF 4 TRK	Deep tint film installed on four doors and back glass for extended/crew cab pickups.	$245.00
LIMO	Upgrade tint to LIMO on all tinted surfaces	$155.00

INVERTERS & CHARGING

SEDANS

851-0451-SDN	XANTREX Xpower 450W inverter mounted under passenger seat. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$455.00
CORD	EXTENSION CORD TO BE RUN FROM INVERTER MOUNTED UNDER REAR SEAT (DRIVER SIDE) TO COMPUTER STAND AREA FOR EASE OF USE.	$75.00
REN-700-SDN	RENOGY 700W pure sine inverter mounted under passenger seat with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$460.00
REN-1000-SDN	RENOGY 1000W pure sine inverter mounted in trunk space with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$495.00

SUVs

CORD	EXTENSION CORD TO BE RUN FROM INVERTER MOUNTED UNDER REAR SEAT (DRIVER SIDE) TO COMPUTER STAND AREA FOR EASE OF USE.	$75.00
851-0451-SUV	XANTREX Xpower 450W inverter mounted under passenger seat. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$455.00
851-0451-CONSOLE	XANTREX Xpower 450W inverter mounted to the back of emergency console. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$455.00
REN-1000-SUV	RENOGY 1000W pure sine inverter mounted under REAR seat with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$495.00
REN-2000-SUV	RENOGY 2000W pure sine inverter mounted in rear cargo area with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$890.00
REN-3000-SUV	RENOGY 3000W pure sine inverter mounted in rear cargo area with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$1,705.00

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VANS

851-0451-VAN	XANTREX Xpower 450W inverter mounted in between driver/passenger seat or front of partition behind passenger seat. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$445.00
CORD	EXTENSION CORD TO BE RUN FROM INVERTER MOUNTED UNDER REAR SEAT (DRIVER SIDE) TO COMPUTER STAND AREA FOR EASE OF USE.	$75.00
OUTLET REAR VAN	Weather-resistant outlet at rear of van, mounted curbside to either side or back of shelf (interior).	$195.00
REN-700-VAN	RENOGY 700W pure sine inverter mounted in between driver/passenger seat or front of partition behind passenger seat. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$460.00
REN-1000-VAN	RENOGY 1000W pure sine inverter mounted to rear partition, in cargo area, accessible at side load door with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$495.00
REN-2000-VAN	RENOGY 2000W pure sine inverter mounted to rear partition, in cargo area, accessible at side load door with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$890.00
REN-3000-VAN	RENOGY 3000W pure sine inverter mounted to rear partition, in cargo area, accessible at side load door with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$1,705.00

TRUCKS

AJ RJK	WARN 26769 QUICK DISCONNECT JUMP KIT, INSTALLED IN GRILLE AREA.	$510.00
CORD	EXTENSION CORD TO BE RUN FROM INVERTER MOUNTED UNDER REAR SEAT (DRIVER SIDE) TO COMPUTER STAND AREA FOR EASE OF USE.	$75.00
OUTLET FRONT	Weather-resistant outlet at front of truck, in grille if possible on curbside.	$195.00
OUTLET REAR	Weather-resistant outlet at rear of truck on curbside.	$195.00
REN-700-PU	RENOGY 700W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$460.00
REN-1000-PU	RENOGY 1000W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$495.00
REN-2000-PU	RENOGY 2000W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$890.00
REN-2000-UB	RENOGY 2000W pure sine inverter mounted inside curbside front compartment of utility body with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$890.00
REN-3000-PU	RENOGY 3000W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$1,705.00
REN-3000-UB	RENOGY 3000W pure sine inverter mounted inside curbside front compartment of utility body with ignition sourced relay. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$1,705.00

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COMBO

E1 CHGR-INV-COMBO	VANNER 2000W/100a INVERTER-CHARGER WITH BUILT IN TRANSFER SWITCH, IGNITION CONTROL, KUSSMAUL SUPER AUTO EJECT, AND YELLOW COVER WITH BUILT IN STATUS DISPLAY. (INSTALL LOCATION LOCATION TO BE SPECIFIED BY CUSTOMER)	$4,085.00

GRILLE GUARDS AND WINCHES

TACOMA

AJ TACO-WMT-9K	ROUGH COUNTRY HIDDEN WINCH MOUNT WITH PRO9500 WINCH INCLUDING SYNTHETIC ROPE AND INSTALLATION (2024 TACOMA FITMENT CONFIRMED).	$2,590.00

CHEVY LD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-CHEVY15	Westin HDX wrap around grille guard, installed on Chevy 1500 series pickup.	$1,570.00
AJ WMT-CHEVY15-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Chevy 1500 series pickup.	$1,910.00
AJ WMT-CHEVY15-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Chevy 1500 series pickup.	$1,990.00
AJ GG-CHEVY15-VR8	Westin HDX grille guard (No Wrap) with winch mount tray and Warn VR EVO8 8,000lb recovery winch, installed on Chevy 1500 series pickup.	$2,720.00
AJ GG-CHEVY15-VR10	Westin HDX grille guard (No Wrap) with winch mount tray and Warn VR EVO10 10,000lb recovery winch, installed on Chevy 1500 series pickup.	$2,805.00
AJ WGG-CHEVY15-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Chevy 1500 series pickup.	$2,720.00
AJ WGG-CHEVY15-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Chevy 1500 series pickup.	$2,805.00

CHEVY HD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-CHEVYHD	Westin HDX wrap around grille guard, installed on Chevy HD series pickup.	$1,570.00
AJ WMT-CHEVYHD-VR8	Westin winch mount tray only (No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Chevy HD series pickup.	$1,850.00
AJ WMT-CHEVYHD-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Chevy HD series pickup.	$1,990.00
AJ WMT-CHEVYHD-M8	WARN winch mount tray only (No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on Chevy HD series pickup.	$3,450.00
AJ WMT-CHEVYHD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$3,795.00
AJ WMT-CHEVYHD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$3,865.00
AJ GG-CHEVYHD-VR8	Westin HDX grille guard(No Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Chevy HD series pickup.	$2,720.00
AJ GG-CHEVYHD-VR10	Westin HDX grille guard only(No Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Chevy HD series pickup.	$2,805.00
AJ GG-CHEVYHD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on Chevy HD series pickup.	$4,085.00
AJ GG-CHEVYHD-Z8	WARN grille guard(No Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$4,435.00
AJ GG-CHEVYHD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$4,505.00

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AJ WGG-CHEVYHD-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Chevy HD series pickup.	$3,170.00
AJ WGG-CHEVYHD-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Chevy HD series pickup.	$3,250.00
AJ WGG-CHEVYHD-M8	WARN wrap around grille guard with Warn M8 8,000lb recovery winch, installed on Chevy HD series pickup.	$4,415.00
AJ WGG-CHEVYHD-Z8	WARN wrap around grille guard with Warn ZEON 8S 8,000lb recovery winch synthetic rope, installed on Chevy HD series pickup.	$4,760.00
AJ WGG-CHEVYHD-Z10	WARN wrap around grille guard with Warn ZEON 10S 10,000lb recovery winch synthetic rope, installed on Chevy HD series pickup.	$4,830.00
AJ WGG-CHEVYHD-Z12	WARN wrap around grille guard with Warn ZEON 12S 12,000lb recovery winch synthetic rope, installed on Chevy HD series pickup.	$4,990.00
AJ WGG-CHEVYHD-16.5ti	WARN wrap around grille guard with Warn 16.5ti 16,500lb recovery winch, installed on Chevy HD series pickup.	$7,435.00

GMC LD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-GMC15	RANCH HAND Legend Grille Guard; Legend Series Grille Guard; Retains Factory Tow Hook; installed on GMC 1500 series pickup.	$1,340.00

GMC HD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-GMCHD	RANCH HAND wrap around grille guard, installed on GMC HD series pickup.	$1,340.00
AJ WMT-GMCHD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on GMC HD series pickup.	$3,485.00
AJ WMT-GMCHD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$3,835.00
AJ WMT-GMCHD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$3,905.00
AJ GG-GMCHD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on GMC HD series pickup.	$4,125.00
AJ GG-GMCHD-Z8	WARN grille guard(No Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,475.00
AJ GG-GMCHD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,545.00
AJ GG-GMCHD-Z12	WARN grille guard(No Wrap) with Warn ZEON 12,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,700.00
AJ GG-GMCHD-16.5ti	WARN grille guard(No Wrap) with Warn 16.5ti 16,500lb recovery winch, installed on GMC HD series pickup.	$6,510.00

CHEVY MEDIUM DUTY

AJ WGG-GMMD	Go Industries wrap around grille guard with tilt forward feature for Chevy 4500, 5500, 6500 medium duty chassis. Allows the hood to be tilted forward for service (Fits ONLY Chevy Medium duty).	$2,875.00
AJ WGG-WMT-GMMD	Go Industries wrap around grille guard with winch mount tray & tilt forward feature for Chevy 4500, 5500, 6500 medium duty chassis. Allows the hood to be tilted forward for service (Fits ONLY Chevy Medium duty).	$3,385.00

FORD LD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-F150	Westin HDX wrap around grille guard, installed on Ford F-150 series pickup.	$1,570.00
AJ WMT-F150-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Ford F-150 series pickup.	$1,910.00

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AJ WMT-F150-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford F-150 series pickup.	$1,990.00
AJ GG-F150-VR8	Westin HDX grille guard, no wrap, with Warn VR EVO8 8,000lb recovery winch, installed on Ford F-150 series pickup.	$2,720.00
AJ GG-F150-VR10	Westin HDX grille guard only(No Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford F-150 series pickup.	$2,800.00
AJ WGG-F150-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Ford F-150 series pickup.	$2,720.00
AJ WGG-F150-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Ford F-150 series pickup.	$2,800.00
AJ WGG-F150-M8	WARN wrap around grille guard with Warn M8 8,000 recovery winch, installed on Ford F-150 series pickup	$3,975.00

FORD SD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-FSD	Westin HDX wrap around grille guard, installed on Ford Super Duty series pickup.	$1,385.00
AJ WMT-FSD-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,075.00
AJ WMT-FSD-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,155.00
AJ WMT-FSD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,280.00
AJ WMT-FSD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$3,625.00
AJ WMT-FSD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$3,695.00
AJ GG-FSD-VR8	Westin HDX grille guard(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,890.00
AJ GG-FSD-VR10	Westin HDX grille guard only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,970.00
AJ GG-FSD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,920.00
AJ GG-FSD-Z8	WARN grille guard(No Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$4,265.00
AJ GG-FSD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$4,335.00
AJ WGG-FSD-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,470.00
AJ WGG-FSD-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,970.00
AJ WGG-FSD-M8	WARN wrap around grille guard with Warn M8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$4,320.00
AJ WGG-FSD-Z8	WARN wrap around grille guard with Warn ZEON 8S 8,000lb recovery winch synthetic rope, installed on Ford Super Duty series pickup.	$4,670.00
AJ WGG-FSD-Z10	WARN wrap around grille guard with Warn ZEON 10S 10,000lb recovery winch synthetic rope, installed on Ford Super Duty series pickup.	$4,740.00
AJ WGG-FSD-16.5ti	WARN wrap around grille guard with Warn 16.5ti 16,500lb recovery winch, installed on Ford Super Duty series pickup.	$6,540.00
AJ WGG-FSD-VR12	Westin HDX wrap around grille guard with Warn VR EVO12 12,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,120.00

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AJ WGG-FSD-Z12	WARN wrap around grille guard with Warn ZEON 12S 12,000lb recovery winch synthetic rope, installed on Ford Super Duty series pickup.	$4,900.00

RAM LD

AJ WGG-RAM15	Westin HDX wrap around grille guard, installed on RAM 1500 series pickup.	$1,570.00
AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WMT-RAM15-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on RAM 1500 series pickup.	$2,015.00
AJ WMT-RAM15-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on RAM 1500 series pickup.	$2,075.00
AJ WMT-RAM15-M8	WARN Ascent Front Bumper for RAM 1500 - includes a winch mount , with Warn M8 8,000lb recovery winch, installed on RAM 1500 series pickup.	$5,370.00
AJ WMT-RAM15-Z8S	WARN Ascent Front Bumper for RAM 1500 - includes a winch mount , with Warn ZEON 8,000lb recovery winch w/ Synthetic Rope, installed on RAM 1500 series pickup.	$5,700.00
AJ WMT-RAM15-Z10S	WARN Ascent Front Bumper for RAM 1500 - includes a winch mount , with Warn ZEON 10,000lb recovery winch w/ Synthetic Rope, installed on RAM 1500 series pickup.	$5,760.00
AJ WGG-RAM15-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on RAM 1500 series pickup.	$3,080.00
AJ WGG-RAM15-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on RAM 1500 series pickup.	$3,140.00

RAM HD

AJ WEST-2LIGHT	Westin HDX B-Force flush mount dual 6" LED light kit muonted into front of Westin HDX grille guard.	$715.00
AJ WGG-RAMHD	Westin HDX wrap around grille guard, installed on RAM HD series pickup.	$1,570.00
AJ WMT-RAMHD-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on RAM HD series pickup.	$1,810.00
AJ WMT-RAMHD-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on RAM HD series pickup.	$1,865.00
AJ WMT-RAMHD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on RAM HD series pickup.	$3,210.00
AJ WMT-RAMHD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$3,545.00
AJ WMT-RAMHD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$3,600.00
AJ GG-RAMHD-VR8	Westin HDX grille guard(No Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on RAM HD series pickup.	$2,620.00
AJ GG-RAMHD-VR10	Westin HDX grille guard only(No Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on RAM HD series pickup.	$2,680.00
AJ GG-RAMHD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on RAM HD series pickup.	$3,850.00
AJ GG-RAMHD-Z8	WARN grille guard, no wrap, with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$4,180.00
AJ GG-RAMHD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$4,240.00
AJ WGG-RAMHD-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on RAM HD series pickup.	$2,620.00
AJ WGG-RAMHD-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on RAM HD series pickup.	$2,680.00
AJ WGG-RAMHD-M8	WARN wrap around grille guard with Warn M8 8,000lb recovery winch, installed on RAM HD series pickup.	$4,255.00

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AJ WGG-RAMHD-Z8	WARN wrap around grille guard with Warn ZEON 8S 8,000lb recovery winch synthetic rope, installed on RAM HD series pickup.	$4,585.00
AJ WGG-RAMHD-Z10	WARN wrap around grille guard with Warn ZEON 10S 10,000lb recovery winch synthetic rope, installed on RAM HD series pickup.	$4,645.00
AJ WGG-RAMHD-16.5ti	WARN wrap around grille guard with Warn 16.5ti 16,500lb recovery winch, installed on RAM HD series pickup.	$6,540.00

STERLING

SM WMT	Fully welded low profile winch mount Sterling grille guard. Center section only. No headlight protection. Low profile winch cradle. Accommodates low profile winches such as Warn EVO VR8, EVO VR12.	$1,830.00
SM WGG-NO WINCH	Fully welded Sterling brush guard. 2" OD headlight protection hoops with 1-1/4" OD mid bar. (NO WINCH MOUNT)	$2,315.00
SM WMT-HD	Fully welded heavy duty winch mount Sterling grille guard. Center section only. No headlight protection. Heavy duty profile winch cradle. Accommodates large commercial winches such as M12, M15, 16.5ti.	$1,975.00
SM WGG-WMT	Fully welded Sterling brush guard. 2" OD headlight protection hoops with 1-1/4" OD mid bar. Low profile winch cradle. Accommodates low profile winches such as Warn EVO VR8, EVO VR12.	$2,570.00
SM WGG-WMT-HD	Fully welded Sterling brush guard. 2" OD headlight protection hoops with 1-1/4" OD mid bar. Heavy duty winch cradle. Accommodates large commercial winches such as M12, M15, 16.5ti.	$2,715.00

RANCH HAND REPLACMENT BUMPERS

FBF171BLC	Ranch Hand replacement bumper, powder coated black. Requires FORD 3500 diesel WITH forward camera.	$2,520.00
FBF171BLR	Ranch Hand replacement bumper, powder coated black. Requires FORD 3500 diesel without forward camera.	$2,520.00
FDB101BLRS	Ranch Hand replacement bumper, powder coated black. Requires RAM 3500 diesel.	$2,520.00

WINCHES WITHOUT MOUNTS

VR EVO 8	Warn VR EVO self recovery 8,000lb rated winch with remote, open fairlead, and wire rope.	$990.00
ZEON 8-S	Warn ZEON self recovery 8,000lb rated winch with remote, open fairlead, synthetic rope and aluminum winch drum to reduces rope wear.	$2,095.00
M8000	Warn M8000 self recovery 8,000lb rated winch with remote, roller fairlead, and wire rope.	$1,695.00
VR EVO 10	Warn VR EVO self recovery 10,000lb rated winch with remote, open fairlead, and wire rope.	$1,070.00
ZEON 10-S	Warn ZEON self recovery 10,000lb rated winch with remote, open fairlead, synthetic rope and aluminum winch drum to reduces rope wear.	$2,160.00
VR EVO 12	Warn VR EVO self recovery 12,000lb rated winch with remote, open fairlead, and wire rope.	$1,215.00
ZEON 12-S	Warn ZEON self recovery 12,000lb rated winch with remote, open fairlead, synthetic rope and aluminum winch drum to reduces rope wear.	$2,315.00
M12000	Warn M12000 self recovery 12,000lb rated winch with remote, roller fairlead, and wire rope.	$3,250.00
M15000	Warn M15000 self recovery 15,000lb rated winch with remote, roller fairlead, and wire rope.	$3,585.00
16.5TI	Warn HEAVY WEIGHT series 16.5ti self recovery 16,500lb rated winch with remote, open fairlead, and wire rope.	$3,745.00

LEATHER SEATING SURFACES

DLTH 1	Dealer installed leather seating surfaces (1st row only).	$1,840.00
DLTH 2	Dealer installed leather seating surfaces (1st & 2nd rows).	$1,985.00
DLTH 3	Dealer installed leather seating surfaces (1st, 2nd, and 3rd rows).	$2,420.00

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BACKING SAFETY

BUS-UB	BACK UP SENSORS Rear Bumper Parking Assistance System for UniBody Vehicles Introducing BackZone (250-1903-BZTRK), Rostra's latest innovation in vehicle parking assistance systems. Designed around the reliable components that customers have come to expect	$550.00
BUS-TRK	BACK UP SENSORS Rear Bumper Parking Assistance System for Trucks Introducing BackZone Truck (250-1903-BZTRK), Rostra's latest innovation in vehicle parking assistance systems.	$550.00
BUC DASH	Back up camera with dash mounted monitor, COMPLETE SYSTEM.	$1,175.00
CAMERA RR	Remove and re-install factory camera from tailgate.	$325.00
CAMERA-F	Dealer installed factory ordered camera (REQUIRES 872).	$225.00
CAMERA-GM	Dealer installed factory ordered camera (REQUIRES 5N5).	$225.00
CAMERA-R	Dealer installed factory ordered camera (REQUIRES XAC).	$225.00
DASH-CAM	Rexing V1P 3rd Generation Dual 1080p Full HD Front and Rear 170 Degree Wide Angle Wi-Fi Car Dash Cam with Supercapacitor, 2.4" LCD Screen, G-Sensor, Loop Recording, & Mobile App. With 64GB micro SDXC flash memory card, Mini-USB hardwire kit, and intallation.	$560.00
BUA	Federal Signal 90 dB back-up alarm.	$190.00

TRAILERING

HITCHES & WIRING

AJ 4-WIRE	4 wire trailer plug	$95.00
AJ 7/4 WIRE	7 wire RV style plug with 4-wire flat combination plug.	$115.00
AJ 6-ROUND	6 wire round utility plug.	$80.00
AJ CLIII	Class III receiver hitch, installed at AJ Fleet.	$740.00
AJ CLIV	Class IV receiver hitch, installed at AJ Fleet.	$945.00
AJ CLV	Class V receiver hitch, installed at AJ Fleet.	$1,150.00
AJ EBC	Curt Spectrum Electric Brake Controller	$425.00
SS7RP	SARASOTA 7 WIRE ROUND BERG TRAILER PLUG WITH ROUND PINS.	$165.00
AJ C-WIRE	Customer specific wire plug, please provide detail.	$85.00
HITCH MOD	Modification to factory trailer hitch to accomidate equipment install.	$525.00

DRAW BARS & PINTLES

AJ DB2	Draw bar with 2" Ball, pin, and clip.	$55.00
AJ DB2516	Draw bar with 2-5/16" Ball, pin, and clip.	$110.00
AJ DB3	Tri-ball draw bar with 1-7/8", 2", and 2-5/16" balls.	$160.00
AJ PTL2	Pintle combination draw bar with 2" ball.	$170.00
AJ PTL2516	Pintle combination draw bar with 2-5/16" ball.	$175.00
BOLT-HITCH	Bolt lock receiver lock (max 2" receiver tube) will key to vehicle ignition.	$105.00
AJ SLEEVE	2.5" to 2.0" Reducer Sleeve for accomodating 2" Shank Draw Bars.	$35.00

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TRUCK ACCESSORIES

TONNEAU COVERS

BAKFLIP-G2	BAKFLIP G2 FOLDING BED COVER, INSTALLED	$1,380.00
AJ UCFLEX	Undercover brand- Flex 3-piece black folding tonneau cover, installed.	$1,480.00
AJ UCELITE	Undercover brand- Elite hard black plastic 1-piece tonneau cover, installed.	$1,480.00
R-N-L SHORT	Roll N Lock cover, short box (Toyota / Nissan / Ford only).	$2,305.00
R-N-L LONG	Roll N Lock cover, long box (all GM & RAM both short & long).	$2,420.00
TK FTC LEER700-SB	LEER 700 model fiberglass tonneau cover, short bed, painted to match cab of vehicle.	$3,400.00
TK FTC LEER700-LB	LEER 700 model fiberglass tonneau cover, long bed, painted to match cab of vehicle.	$3,530.00
DB 180L	FURNISH AND INSTALL DIAMOND BACK MODEL 180 TONNEAU COVER (2-LIFT DOORS SIDE BY SIDE), POLISHED ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,165.00
DB 180LX	FURNISH AND INSTALL DIAMOND BACK MODEL 180 TONNEAU COVER (2-LIFT DOORS SIDE BY SIDE), BLACK ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,570.00
DB 180S	FURNISH AND INSTALL DIAMOND BACK MODEL 180 TONNEAU COVER (2-LIFT DOORS SIDE BY SIDE), POLISHED ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,165.00
DB 180SX	FURNISH AND INSTALL DIAMOND BACK MODEL 180 TONNEAU COVER (2-LIFT DOORS SIDE BY SIDE), BLACK ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,570.00
DB 270L	FURNISH AND INSTALL DIAMOND BACK MODEL 270 TONNEAU COVER (3-LIFT DOORS), POLISHED ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,495.00
DB 270LX	FURNISH AND INSTALL DIAMOND BACK MODEL 270 TONNEAU COVER (3-LIFT DOORS), BLACK ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,915.00
DB 270S	FURNISH AND INSTALL DIAMOND BACK MODEL 270 TONNEAU COVER (3-LIFT DOORS), POLISHED ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,495.00
DB 270SX	FURNISH AND INSTALL DIAMOND BACK MODEL 270 TONNEAU COVER (3-LIFT DOORS), BLACK ALUMINUM WITH 400LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,915.00
DB HD-L	FURNISH AND INSTALL DIAMOND BACK MODEL HD TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), POLISHED ALUMINUM INCLUDING (12) CLEATS AND 1600LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,330.00
DB HD-LX	FURNISH AND INSTALL DIAMOND BACK MODEL HD TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), BLACK ALUMINUM INCLUDING (12) CLEATS AND 1600LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,735.00
DB HD-S	FURNISH AND INSTALL DIAMOND BACK MODEL HD TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), POLISHED ALUMINUM INCLUDING (12) CLEATS AND 1600LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,330.00
DB HD-SX	FURNISH AND INSTALL DIAMOND BACK MODEL HD TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), BLACK ALUMINUM INCLUDING (12) CLEATS AND 1600LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,735.00
DB SE-L	FURNISH AND INSTALL DIAMOND BACK MODEL SE TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), POLISHED ALUMINUM INCLUDING (4) CLEATS AND 400LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$2,810.00
DB SE-LX	FURNISH AND INSTALL DIAMOND BACK MODEL SE TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), BLACK ALUMINUM INCLUDING (4) CLEATS AND 400LB HAUL CAPACITY FOR PICKUPS WITH LONG BED.	$3,225.00
DB SE-S	FURNISH AND INSTALL DIAMOND BACK MODEL SE TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), POLISHED ALUMINUM INCLUDING (4) CLEATS AND 400LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$2,810.00

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DB SE-SX	FURNISH AND INSTALL DIAMOND BACK MODEL SE TONNEAU COVER (2-LIFT DOORS FRONT TO BACK), BLACK ALUMINUM INCLUDING (4) CLEATS AND 400LB HAUL CAPACITY FOR PICKUPS WITH SHORT BED.	$3,225.00

FIBERGLASS TOPPERS

TK DEFENDER-SB	Topper King Defender Fiberglass Cab High topper with sliding glass sides for short bed pickups.	$3,400.00
TK DEFENDER-LB	Topper King Defender Fiberglass Cab High topper with sliding glass sides for long bed pickups.	$3,530.00
TK DEFENDER-WD-SB	Topper King Defender Fiberglass Cab High topper with side access windoors for short bed pickups.	$4,180.00
TK DEFENDER-WD-LB	Topper King Defender Fiberglass Cab High topper with side access windoors for long bed pickups.	$4,440.00
TK LEER-100R-SB	Leer 100R topper with framed windoors and framed rear door for short bed pickups.	$4,830.00
TK LEER-100R-LB	Leer 100R topper with framed windoors and framed rear door for long bed pickups.	$5,090.00
TK LEER-100XR-SB	Leer 100XR topper with side windoors and framless rear door for short bed pickups.	$5,220.00
TK LEER-100XR-LB	Leer 100XR topper with side windoors and framless rear door for long bed pickups.	$5,480.00
TK LEER-100S-SB	Leer 100S topper with smooth solid sides (no glass no doors) framed rear door for short bed pickups.	$4,050.00
TK LEER-100S-LB	Leer 100S topper with smooth solid sides (no glass no doors) framed rear door for long bed pickups.	$4,180.00
TK 7-WAY	Leer 7 way harness available to connect topper to factory OE harness for the LED brake light and dome light, 12v power and ground.	$325.00
TK FTC LEER700RKE	Remote keyless entry for LEER 700 model only.	$540.00
TK FCH-LR	CapRac complete roof rack system with two cross bars & 4 adjustable load stops.	$1,450.00

LEER COMMERCIAL TOPPERS

TK LEER 100RCC-SB	Leer commercial fiberglass topper includes front picture window, black headliner, full length side doors with driver and passenger side tool boxes including 1 vertical and 1 horizontal divider, rear lift up door with picturer window, 20" interior light bar mounted to ceiling inside rear lift door, and LED brake light.	$6,650.00
TK LEER 100RCC-LB	Leer commercial fiberglass topper includes front picture window, black headliner, full length side doors with driver and passenger side tool boxes including 1 vertical and 1 horizontal divider, rear lift up door with picturer window, 20" interior light bar mounted to ceiling inside rear lift door, and LED brake light.	$6,780.00
TK LEER DCC-SB	Leer Deluxe Aluminum Commercial Topper (White), 23" High, with codable locks, front picture window, full length side doors with driver and passenger side tool boxes including 1 vertical and 1 horizontal divider, rear lift up door with picturer window, ladder rack, 20" 12v LED interior light bar, LED brake light	$5,805.00
TK LEER DCC-LB	Leer Deluxe Aluminum Commercial Topper (White), 23" High, with codable locks, front picture window, full length side doors with driver and passenger side tool boxes including 1 vertical and 1 horizontal divider, rear lift up door with picturer window, ladder rack, 20" 12v LED interior light bar, LED brake light	$5,935.00
TK AR1205-S	Prime Design AluRack overhead material rack to be installed on LEER commercial topper*SPECIAL ORDER (96" long rack).	$1,950.00
TK AR1907	Prime Design AluRack overhead material rack to be installed on LEER commercial topper for long bed (116" long rack).	$2,035.00
TK AR1906	Prime Design AluRack overhead material rack to be installed on LEER commercial topper for short bed (88" long rack).	$1,645.00
AF LEER-MAV	LEER 100CC FORD MAVERICK 4' 5" RECREATIONAL CAP (FIBERGLASS)	$5,060.00
AF LEER-MAV-AL	LEER DELUXE COMMERCIAL UNIT FORD MAVERICK 4' 5" COMMERCIAL CAP (ALUMINUM)	$5,875.00
AF LEER-RNGR-SB-ALUM	LEER DELUXE COMMERCIAL UNIT FORD RANGER EXTRA SHORT - ALUMINUM TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,395.00
AF LEER-RNGR-SB	LEER 100CC FORD RANGER EXTRA SHORT - FIBERGLASS TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,880.00

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AF LEER-F150-SB-ALUM	LEER DELUXE COMMERCIAL UNIT FORD F-150 SHORT - ALUMINUM TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,230.00
AF LEER-F150-SB	LEER 100CC FORD F-150 SHORT- FIBERGLASS TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,720.00
AF LEER-F150-LB-ALUM	LEER DELUXE COMMERCIAL UNIT FORD F150 LONG - ALUMINUM TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,325.00
AF LEER-F150-LB	LEER 100CC FORD F-150 LONG- FIBERGLASS TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,885.00
AF LEER-SD-ALUM	LEER DELUXE COMMERCIAL UNIT FORD F250-350 - ALUMINUM TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,335.00
AF LEER-SD	LEER 100CC FORD F-250-350 FIBERGLASS TOPPER 23" HIGH, SOLID FRONT WALL, FULL LENGTH SIDE DOORS WITH BOLT LOCKS. 1/2 REAR DOOR 12V ADJUSTABLE LED TUBE LIGHT (REAR)	$4,915.00

BED SLIDES

CARGO-GLIDE 1500	Cargo Glide 1500lb bed slide with 4" sides and rubber coated floor.	$2,310.00
CARGO-GLIDE 2200HD	Cargo Glide 2200HD bed slide with 4" sides and rubber coated floor.	$2,560.00
CARGO-GLIDE 2200XL	Cargo Glide 2200XL bed slide with 4" sides, rubber coated floor, and full extension.	$3,840.00
DECKED	DECKED® 2-Drawer Pickup Truck Bed Storage System two Drawer Storage System for Full Size Pick Up Truck; DECKED Truck Bed Storage System; Made Of High Density Polyethylene; Stainless Steel Hardware; Features Cast Aluminum Handles / Galvanized Steel Subframe.	$2,000.00
AJ PACK-RAT	Weatherguard Pack-Rat 308-3 drawer unit 48" x 39.75" x 9.5", installed.	$2,760.00

ADRIAN COMMERCIAL TOPPERS

AWV TC-F150-SB	Adrian Commercial Grade Aluminum Truck Cap for Ford F150 / 6.5 ft Bed. Furnished and installed by Adrian.	$5,190.00
AWV TC-F150-LB	Adrian Commercial Grade Aluminum Truck Cap for F150 8 ft Bed. Furnished and installed by Adrian.	$5,535.00
AWV TC-SILV15-SB	Adrian Commercial Grade Aluminum Truck Cap for GM 1500 / 6.5 ft Bed. Furnished and installed by Adrian.	$5,190.00
AWV TC-SILV15-LB	Adrian Commercial Grade Aluminum Truck Cap for GM 1500 8 ft Bed. Furnished and installed by Adrian.	$5,535.00
AWV TC-RAM15-SB	Adrian Commercial Grade Aluminum Truck Cap for RAM 1500 / 2500 / 3500 6.3 ft Bed. Furnished and installed by Adrian.	$4,970.00
AWV TC-RAM15-LB	Adrian Commercial Grade Aluminum Truck Cap for RAM 1500 8 ft Bed. Furnished and installed by Adrian.	$5,535.00
AWV TC-SD-SB	Adrian Commercial Grade Aluminum Truck Cap for Ford F250/350 6.7 ft Bed. Furnished and installed by Adrian.	$5,450.00
AWV TC-SD-LB	Adrian Commercial Grade Aluminum Truck Cap for Ford F250/350 8 ft Bed. Furnished and installed by Adrian.	$5,765.00
AWV TC-SILVHD-SB	Adrian Commercial Grade Aluminum Truck Cap for GM 2500 / 3500 6.7 ft Bed. Furnished and installed by Adrian.	$5,450.00
AWV TC-SILVHD-LB	Adrian Commercial Grade Aluminum Truck Cap for GM 2500 / 3500 8 ft Bed. Furnished and installed by Adrian.	$5,750.00
AWV TC-RAM25-LB	Adrian Commercial Grade Aluminum Truck Cap for Ram 2500 / 3500 8 ft Bed. Furnished and installed by Adrian.	$5,765.00
AWV TC-SILV_F150-ADD-1TB	Adrian Aluminum Truck Cap Tool Box w/ one horizontal divider and 3 vertical dividers (Configuration 7) for Ford 150 & GM 1500 6.5 ft (curbside side only, street side to remain open). Furnished and installed by Adrian.	$675.00
AWV TC-RAM-ADD-1TB	Adrian Aluminum Truck Cap Tool Box w/ one horizontal divider and 3 vertical dividers (Configuration 7) for RAM 1500 6.3 ft (curbside side only, street side to remain open). Furnished and installed by Adrian.	$690.00
AWV ATC-COLORADO	Adrian Commercial Grade Aluminum Truck Cap for Chevrolet Colorado. Cab height Cap, Hatch door, mechanical locks, white. Furnished and installed by Adrian.	$4,820.00
AWV ATC-COLO-TB7	Adrian Configuration 7 Toolbox for Topper, 17″ Deep, 4.5′ Bed, 23″ Top. Furnished and installed by Adrian.	$805.00

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AWV ATC-MAV-CAB	Adrian Commercial Grade Aluminum Truck Cap for Ford Maverick. Cab height Cap, Hatch door, mechanical locks, white. Furnished and installed by Adrian.	$4,775.00
AWV ATC-MAV-TB7	Adrian Configuration 7 Toolbox for Maverick Topper, 17" Deep, 4.5' Bed, 18" Top. Furnished and installed by Adrian.	$725.00
AWV ATC-MAV-HIGH	Adrian Commercial Grade Aluminum Truck Cap for Ford Maverick. Exceeds cab height. Hatch door, mechanical locks, white. Furnished and installed by Adrian.	$4,780.00
AWV ATC-MAV-HIGH-TB7	Adrian Configuration 7 Toolbox for Maverick Topper, 17″ Deep, 4.5′ Bed, 23″ Top. Furnished and installed by Adrian.	$780.00
AWV TC-F150-ELE-SB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for Ford F150 / 6.5 ft Bed. Furnished and installed by Adrian.	$5,990.00
AWV TC-F150-ELE-LB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for F150 8 ft Bed. Furnished and installed by Adrian.	$6,480.00
AWV TC-SILV15-ELE-SB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for GM 1500 / 6.5 ft Bed. Furnished and installed by Adrian.	$6,050.00
AWV TC-SILV15-ELE-LB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for GM 1500 8 ft Bed. Furnished and installed by Adrian.	$6,400.00
AWV TC-RAM15-ELE-SB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for RAM 1500 / 2500 / 3500 6.3 ft Bed. Furnished and installed by Adrian.	$5,730.00
AWV TC-RAM15-ELE-LB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for RAM 1500 8 ft Bed. Furnished and installed by Adrian.	$6,455.00
AWV TC-SD-ELE-SB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for Ford F250/350 6.7 ft Bed. Furnished and installed by Adrian.	$6,270.00
AWV TC-SD-ELE-LB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for Ford F250/350 8 ft Bed. Furnished and installed by Adrian.	$6,690.00
AWV TC-SILVHD-ELE-SB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for GM 2500/3500 6.7 ft Bed. Furnished and installed by Adrian.	$6,250.00
AWV TC-SILVHD-ELE-LB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for GM 2500 / 3500 8 ft Bed. Furnished and installed by Adrian.	$6,615.00
AWV TC-RAM25-ELE-LB	Adrian Commercial Grade Aluminum Truck Cap with eLock using OEM fob for Ram 2500 / 3500 8 ft Bed. Furnished and installed by Adrian.	$6,720.00
AWV ATC-MAV-CAB-ELE	Adrian Commercial Grade Aluminum Truck Cap for Ford Maverick. Cab height Cap, Hatch door, eLock using OEM fob, white. Furnished and installed by Adrian.	$5,470.00
AWV ATC-MAV-HIGH-ELE	Adrian Commercial Grade Aluminum Truck Cap for Ford Maverick. Exceeds cab height. Hatch door, eLock using OEM fob, white. Furnished and installed by Adrian.	$5,575.00

ADRIAN RACKS/SLIDES/SHELVING

AWV TC-2BAR	Adrian Aluminum 2- Bar Utility Rack with one ladder stop mounted curbside for Adrian Steel Commercial Grade Aluminum Truck Cap. Furnished and installed by Adrian.	$890.00
AWV TC-SLDLR-SB	Adrian Grip Lock Single Lock Down Ladder Rack for Adrian Steel Pickup 6'2"-6'10" Topper. Furnished and installed by Adrian.	$1,010.00
AWV TC-SLDLR-LB	Adrian Grip Lock Single Lock Down Ladder Rack for Adrian Steel Pickup 8'+ Topper. Furnished and installed by Adrian.	$950.00
AWV TC-SSDLR-SB	Adrian Prolift Standard Drop, Passenger Side, 6' 2" - 6' 10" Bed, White (Low Topper). Furnished and installed by Adrian.	$1,900.00
AWV TC-EB-GM-SB	Adrian Extendobed for GM Pickups with 6.5 ft bed.Furnished and installed by Adrian.	$4,085.00
AWV TC-EB-FORD-SB	Adrian Extendobed for Ford Pickups with 6.5 ft bed. Furnished and installed by Adrian.	$3,935.00
AWV TC-EB-RAM-SB	Adrian Extendobed for Ram Pickup with 6.3ft bed. Furnished and installed by Adrian.	$3,935.00
AWV TC-EB-GM-LB	Adrian Extendobed for GM Pickups with 8 ft bed. Furnished and installed by Adrian.	$4,325.00

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AWV TC-EB-FORD-RAM-LB	Adrian Extendobed for Ford & Ram Pickups with 8 ft bed. Furnished and installed by Adrian.	$4,180.00
AWV TC-EB-ADD-ELEC-SB	Adrian Electrical Package added to Extendobed for Full Size Pickps with 6 ft Bed. Furnished and installed by Adrian.	$4,220.00
AWV TC-EB-ADD-HVAC-SB	Adrian HVAC Package added to Extendobed for Full Size Pickps with 6 ft Bed. Furnished and installed by Adrian.	$4,815.00
AWV TC-STATIC-BASE-SB	Adrian Base Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 6 ft Bed. Furnished and installed by Adrian.	$2,540.00
AWV TC-STATIC-BASE-LB	Adrian Base Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 8 ft Bed. Furnished and installed by Adrian.	$2,560.00
AWV TC-STATIC-ELEC-SB	Adrian Electrical Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 6 ft Bed. Furnished and installed by Adrian.	$4,950.00
AWV TC-STATIC-ELEC-LB	Adrian Electrical Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 8 ft Bed. Furnished and installed by Adrian.	$5,035.00
AWV TC-STATIC-HVAC-SB	Adrian HVAC Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 6 ft Bed. Furnished and installed by Adrian.	$5,335.00
AWV TC-STATIC-HVAC-LB	Adrian HVAC Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 8 ft Bed. Furnished and installed by Adrian.	$6,270.00
AWV TC-STATIC-PLUM-SB	Adrian Plumbing Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 6 ft Bed. Furnished and installed by Adrian.	$4,645.00
AWV TC-STATIC-PLUM-LB	Adrian Plumbing Starter Shelving Package fixed to cargo floor inside topper for Full Size Pickps with 8 ft Bed. Furnished and installed by Adrian.	$5,760.00
AWV TC-F150-SUNSHINE-SB	Adrian Ford F150 6.5 ft bed Integrated Truck Solution Lighting - Preferred Kit. Includes 4 strip lights, 2 dome lamps, Plug and Play wiring harnesses, Timer Lighting Module. Furnished and installed by Adrian	$1,250.00
AWV TC-GM-SUNSHINE-SB	Adrian GM Silverado/Sierra 1500 6.5.ft bed Integrated Truck Solution Lighting - Preferred Kit. Includes 4 strip lights, 2 dome lamps, Plug and Play wiring harnesses, Timer Lighting Module. Furnished and installed by Adrian.	$1,250.00
AWV TC-RAM-SUNSHINE-SB	Adrian RAM P1500/2500/3500 6.3 ft bed Integrated Truck Solution Lighting - Preferred Kit. Includes 4 strip lights, 2 dome lamps, Plug and Play wiring harnesses, Timer Lighting Module. Furnished and installed by Adrian.	$1,230.00

CAB SHIELDS

BR 15###	Back Rack cab guard for pickup trucks without a cross body tool box.	$645.00
BR 15### LB	Back Rack cab guard for pickup trucks without a cross body tool box, includes light bar mounting feet.	$715.00
BR 15###TB	Back Rack cab guard for pickup trucks with cross body tool box.	$645.00
BR 15###TB LB	Back Rack cab guard for pickup trucks with cross body tool box, includes light bar mounting feet.	$715.00
BR 81001-81003	Back Rack beacon mounts for driver and passenger side (beacons not included).	$100.00
BR 91001	Back Rack 10.5" octagon pedestal installed on driver side of cab shield (Works with Go-Light & provides enough clearance for light bar).	$55.00
BR 91004	BACK RACK ARROW STICK MOUNTING BRACKET	$40.00
SM HAR	Sterling vehicle specific headache rack with mesh screen, powder coated black.	$1,035.00
SM HAR-RBL	Sterling vehicle specific headache rack with centered single beacon mount, powder coated black.	$1,125.00
SM HAR-2RBL	Sterling vehicle specific headache rack with dual beacon mounts, powder coated black.	$1,215.00
SM HAR-LBM	Sterling vehicle specific headache rack with centered light bar mount(s), powder coated black.	$1,125.00
WG1450	WeatherGuard single side mounted ladder rack for pickups.	$1,135.00

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RACKS

AS 8AMR-SS	SINGLE SIDE BUMPER TO BASE OF WINDSHIELD 8' Pick Up or Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$3,985.00
AS 8AMR-SS-BB	SINGLE SIDE BUMPER TO BUMPER 8' Pick Up or Utility Bed, Aluminum Material Rack 8' Pick Up or Utility Bed, - expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,310.00
AS 8AMR	BACK BUMPER TO TOP OF WINDSHIELD 8' Pick Up or Utility Bed, Aluminum Material Rack For P/U beds & 8' Service Bodies Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear Cross Bar Removable. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,895.00
AS 8AMR-BB	BUMPER TO BUMPER Aluminum Material Rack For P/U beds & 8' Service Bodies, Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear Cross Bar Removable. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$5,725.00
AS 9AMR-SS	SINGLE SIDE BUMPER TO TOP OF WINDSHIELD 9' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$3,985.00
AS 9AMR-SS-BB	SINGLE SIDE BUMPER TO BUMPER 9' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,570.00
AS 9AMR	BACK BUMPER TO TOP OF WINDSHIELD 9' Utility Bed, Aluminum Material Rack For 9' Service Bodies Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,895.00
AS 9AMR-BB	BUMPER TO BUMPER Aluminum Material Rack, For 9' Service Bodies, Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$5,935.00
AS 11AMR-SS	SINGLE SIDE BUMPER TO TOP OF WINDSHIELD 11' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,010.00
AS 11AMR-SS-BB	SINGLE SIDE BUMPER TO BUMPER 11' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,310.00
AS 11AMR	BACK BUMPER TO TOP OF WINDSHIELD 11' Utility Bed, Aluminum Material Rack For 11' Service Bodies Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$4,780.00
AS 11AMR-BB	BUMPER TO BUMPER Aluminum Material Rack For 11' Service Bodies, Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube furnished and installed by All Steel Fabrication.	$5,625.00
K BUY ATR	Aluminum overhead truck rack without side rails, full size trucks only (INSTALLED).	$1,885.00
K BUY ATR-S	Aluminum overhead truck rack WITH side rails, full size trucks only (INSTALLED).	$2,740.00
AJ CONE	Simple wire framed cone holder, mounted to center of front bumper (unless otherwise specified).	$95.00
K ATR 1215-LONG	ATR Accessory Cross Members Long Beds	$210.00
AJ OHMR-1000	Kargo Master Pro II HD overhead truck rack, powder coated modular, 1000lb.	$1,665.00
AJ OHMR-1700	Kargo Master Pro II HD overhead truck rack, powder coated modular, 1700lb.	$2,290.00
WG1425-3	WeatherGuard single side muoted ladder rack for utility bodies.	$1,610.00
AS UNIV-BIN	SERVICE BODY OPTION: HD Aluminum Fitting Bin 84" long with welded in dividers eveney spaced. Can be mounted on-top. Will not work with flip top boxes. Custom dimensions availble upon request	$1,185.00

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TOOL BOXES

ATB-14	HD Aluminum tool box with standard height single lid and 14" depth.	$535.00
ATB-18	HD Aluminum tool box with standard height single lid and 18" depth.	$575.00
ATB-18-LP	HD Aluminum tool box with low-profile single lid and 18" depth.	$625.00
ATB-18-LP-BLACK	-BLACK - Dealer Provided HD Aluminum Diamond Plate Low Pro Tool Box 18" Depth.	$640.00
SMB-48	(2) side mounted 48" tool boxes with standard height lids.	$925.00
SMB-68	(2) side mounted 68" tool boxes with standard height lids.	$970.00
SMB-72	(2) side mounted 72" tool boxes with standard height lids.	$1,080.00
3BOX SWB	Includes standard height 18" depth saddle box with single lid and (2) 48" bed rail mounted standard height side tool boxes.	$1,555.00
3BOX LWB	Includes standard height 18" depth saddle box with single lid and (2) 72" bed rail mounted standard height side tool boxes.	$1,715.00
WG ATB-GULL	WEATHERGUARD model 114-0-01 gull wing extra wide aluminum diamond plate tool box, installed.	$1,615.00
48TB	48" Chest Tool Box mounted against bulkhead in utility body.	$540.00

BOX REMOVAL

D-BOX	REMOVE FACTORY PICKUP BOX & HAVEST CAMERA FOR RE-INSTALLATION IN AFTERMARKET EQUIPMENT.	$325.00

CAB STEPS

STEP3-REG	3" black tubular cab step for regular cab pickup.	$545.00
STEP3-EXT	3" black tubular cab step for extended cab pickup.	$470.00
STEP3-CREW	3" black tubular cab step for crew cab pickup.	$475.00

FUEL TANKS

ATI FNT42	Aluminum Tank Industries 42 gallon fuel and tool combo (48.5" wide, 19" tall, 21" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,570.00
ATI FNT50	Aluminum Tank Industries 47 gallon fuel and tool combo (36.5" wide, 30" tall, 18" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,495.00
ATI FNT95	Aluminum Tank Industries 95 gallon fuel and tool combo (48.5" wide, 30" tall, 18" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,765.00
ATI SPLIT110	Aluminum Tank Industries split 55/55 dual liquid fuel tank (48.5" wide, 24" tall, 24" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$3,675.00
ATI TTL100	Aluminum Tank Industries 100 gallon L-shaped fuel tank ONLY (60" wide, 26" tall, 33" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,030.00
ATI TTL50	Aluminum Tank Industries 47 gallon L-shaped fuel tank ONLY (36.25" wide, 18" tall, 28" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,030.00
ATI TTL80	Aluminum Tank Industries 80 gallon L-shaped fuel tank ONLY (48.5" wide, 26" tall, 28" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,030.00
ATI TTL95	Aluminum Tank Industries 95 gallon L-shaped fuel tank ONLY (48.5" wide, 26" tall,33" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,030.00
ATI TTR110	Aluminum Tank Industries 110 gallon rectangle fuel tank ONLY (48.5" wide, 24" tall, 24" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,250.00

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ATI TTR38	Aluminum Tank Industries 38 gallon rectangle fuel tank ONLY (48.5" wide, 19" tall, 11" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,020.00
ATI TTR42	Aluminum Tank Industries 42 gallon rectangle fuel tank ONLY (48.5" wide, 12" tall, 19" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,040.00
ATI TTR50	Aluminum Tank Industries 50 gallon rectangle fuel tank ONLY (36" wide, 18" tall, 19" deep)includes GPI 12v 15gpm fuel transfer pump, GPI filter kit, GPI Digital fuel meter, and standard hose with automatic nozzle. Includes freight and installation.	$2,010.00
TF 70BLM	TRANSFER FLOW BRAND 70 Gallon Refueling Tank and Tool Box Combo -BLACK- (73" L x 24.5" W x 27.25" H). Comes with 12-volt GPI fuel pump, 12 ft. hose, nozzle, fuel cap, wiring harness with cab-mounted power switch, and mounting hardware. ***Does not fit on 2013-24 Ram short bed pickups. (Includes Freight and Installation)	$4,780.00

GENERAL

5GCR	WATER COOLER RACK & 5 GAL WATER CASK, INSTALLED.	$220.00
BOLT2	(2) BOLT lock pad locks, keyed to vehicle ignition key.	$125.00
AJ D-BOX	REMOVE FACTORY PICKUP BOX FOR AFTERMARKET BODY INSTALLATION.	$195.00
9L7-INST	GM UPFITTER SWITCH INSTALL.	$195.00
AJ BEDLIGHT	Alan Jay to furnish and install bed ligting, with an illuminated switch in the end of bed.	$315.00
AJ BSWH CONE	FURNISH AND INSTALL BUYERS PRODUCTS TCH14V - SWING AWAY HORIZONTAL BUMPER MOUNT TRAFFIC CONE HOLDER, SECURLY HOLDS UP TO 12 CONES	$770.00

LINERS AND COATINGS

VANS

UBC	TiteSeal AutoBody Rubberized protective under body coating (rust inhibitor).	$690.00
HD SOB-VAN	HD Scorpion spray on bed liner applied to floor surface of cargo area including approximately 6" up the side walls and partition of cargo van.	$970.00

TRUCKS

PBL	Plastic bed liner.	$340.00
UBC	TiteSeal AutoBody Rubberized protective under body coating (rust inhibitor).	$690.00
HD SOB SH	HD Scorpion spray on bed liner (short bed) under rail.	$760.00
HD SOB LG	HD Scorpion spray on bed liner (long bed) under rail.	$855.00
HD USOB	HD Scorpion spray on bed liner applied inside cargo area of 8' & 9' utility body.	$855.00
HD USOB-TB	HD Scorpion spray on bed liner applied inside cargo area, tops of boxes, and rear bumper of 8' & 9' utility body.	$1,180.00
HD USOB-11	HD Scorpion spray on bed liner applied inside cargo area of 11' utility body.	$1,000.00
HD USOB-11-TB	HD Scorpion spray on bed liner applied inside cargo area, tops of boxes, and rear bumper of 11' utility body.	$1,290.00
HD SOB-BUMP	HD Scorpion spray on bed liner applied to bumper only.	$345.00
HD SOB-COMP	HD Scorpion spray on bed liner applied to inside of horizontal compartments and inside surface of lid on utility body, both sides.	$525.00

CHASSIS

UBC	TiteSeal AutoBody Rubberized protective under body coating (rust inhibitor).	$690.00
HD SOB-FLAT	HD Scorpion spray on bed liner applied to surface of 8' & 9' flat bed.	$995.00
HD SOB-11-FLAT	HD Scorpion spray on bed liner applied to surface of 11' & 12' flat bed.	$1,035.00

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HD SOB-16-FLAT	HD Scorpion spray on bed liner applied to surface of 14' & 16' flat bed.	$1,395.00
HD SOB-18-FLAT	HD Scorpion spray on bed liner applied to surface of 18' & 20' flat bed.	$1,540.00

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LOW ROOF CARGO VAN

GM PARTITION

AWV GM-PART	Adrian Partition Perforated top Center & Passenger Panels for GM Full Size Vans (no door). Furnished and installed by Adrian.	$975.00
AWV GM-PART-DOOR	Adrian Partition Perforated Top Center & Passenger Panels for GM Full Size Vans (w/door). Furnished and installed by Adrian.	$1,130.00
40640 + 406GM + 40620	GM Express Roof Partition with perforated center/passenger side panels & door latch kit.	$1,150.00
AWV PARGM-NW	Adrian Composite Partition for GM Full Size Vans (No Window). Furnished and installed by Adrian.	$1,765.00
AWV PARGM	Adrian Composite Partition for GM Full Size Vans (With Window). Furnished and installed by Adrian.	$1,795.00
AWV 5384G	Adrian Poly Liner with Partition & Door for GM Full Size Van Std WB. Furnished and installed by Adrian.	$4,190.00

TRANSIT PARTITION

AWV PARFTL	Adrian Composite Partition PARFTL for Ford Full Size Cargo Van Low Roof Includes Wing Kit With Window furnished and installed by Adrian.	$1,795.00
AWV PARFTL-NW	Adrian Composite Partition PARFTL-NW for Ford Full Size Cargo Van Composite Partition Low Roof Includes Wing Kit No Window furnished and installed by Adrian.	$1,765.00
40640 + 40649TL + 40620	Ford Transit Low Roof Partition with perforated center/passenger side panels & door latch kit.	$1,190.00
AWV S1M2C2FSV	Adrian Partition S1M2C2FSV Perforated Top Center & Passenger Panels Includes Wing Kit for Ford Full Size Cargo Van Low Roof (no doo+B5r) furnished and installed by Adrian.	$1,135.00
AWV S1M2HC2FSV	Adrian Partition S1M2HC2FSV Perforated Top Center & Passenger Panels Includes Wing Kit for Ford Full Size Cargo Van Low Roof (w/door) furnished and installed by Adrian.	$1,285.00

PROMASTER PARTITION

AWV S1M2C2PM	Adrian Ram ProMaster Partition and Wing Kit (no door) Perforated Top Center & Passenger Panels furnished and installed by Adrian.	$1,405.00
AWV S1M2HC2PM	Adrian Ram ProMaster Partition and Wing Kit (w/door) Perforated Top Center & Passenger Panels furnished and installed by Adrian.	$1,535.00
40651 + 4064P + 40620	ProMaster Low/High Roof Partition with perforated center/passenger side panels & door latch kit.	$1,315.00

WINDOW SCREENS

AWV SCREEN-FTL2	Adrian 60-134/60-135 window security screens, both rear doors, Ford Transit Low Roof furnished and installed by Adrian	$315.00

GM SHELVING PACKAGES

4001C	HOLMAN (fka KARGO MASTER) BASE 46" H SHELVES - GM 135" WB 40640 Partition - Perforated, 406GM Partition Wing Kit - GM x 1, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3	$3,880.00
4013C	HOLMAN (fka KARGO MASTER) BASE 46" H SHELVES - GM 155" WB 40640 Partition - Perforated, 406GM Partition Wing Kit - GM x 1, 48520 Shelf Unit - 52" W x 46" H x 14" D x 3	$4,345.00
4003C	HOLMAN (fka KARGO MASTER) COMMERCIAL BIN 46" H SHELVES - GM 135" WB 40640 Partition - Perforated, 406GM Partition Wing Kit - GM x 1, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40080 Drawer Cabinet - 3 Drawers x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48180 Shelf Unit - Shelf Lip 20" L x 1	$6,940.00
4004C	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 46" H SHELVES - GM 135" WB 40640 Partition - Perforated, 406GM Partition Wing Kit - GM x 1, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40070 Drawer Cabinet - 2 Drawers x 1, 40080 Drawer Cabinet - 3 Drawers x 1, 40060 Hook 3 Prong "J" x 2, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$5,255.00

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4005C	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 46" H SHELVES - GM 135" WB 40640 Partition - Perforated, 406GM Partition Wing Kit - GM x 1, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40070 Drawer Cabinet - 2 Drawers x 1, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40230 Wire Reel Holder - 5 Spindle x 1, 40060 Hook 3 Prong "J" x 1, 48240 20" W Plastic Small Parts Bin Module (12 - 5" W Bins) x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$7,375.00
4006C	HOLMAN (fka KARGO MASTER) HVAC 46" H SHELVES - GM 135" WB 40640 Partition - Perforated, 406GM Partition Wing Kit - GM x 1, 48520 Shelf Unit - 52" W x 46" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40070 Drawer Cabinet - 2 Drawers x 2, 40080 Drawer Cabinet - 3 Drawers x 1, 40200 Refrigerant Tank Rack - 3 Tier x 1, 40060 Hook 3 Prong "J" x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48240 20" W Plastic Small Parts Bin Module (12 - 5" W Bins) x 1	$7,675.00
AWV BASE-GM-135	Adrian Base Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 135" Wheel Base furnished and installed by Adrian.	$4,165.00
AWV BASE-GM-155	Adrian Base Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 155" Wheel Base furnished and installed by Adrian.	$4,515.00
AWV BASE-GM-135-B	Adrian General Service Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 135" Wheel Base furnished and installed by Adrian.	$5,120.00
AWV BASE-GM-155-B	Adrian General Service Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 155" Wheel Base furnished and installed by Adrian.	$5,715.00
AWV ELEC-GM-135	Adrian Electrical Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 135" Wheel Base furnished and installed by Adrian.	$6,650.00
AWV ELEC-GM-155	Adrian Electrical Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 155" Wheel Base furnished and installed by Adrian.	$7,700.00
AWV HVAC-GM-135-B	Adrian HVAC Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 135" Wheel Base furnished and installed by Adrian.	$6,510.00
AWV HVAC-GM-155-B	Adrian HVAC Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Full Size CHEVY EXPRESS / GMC SAVANA 155" Wheel Base furnished and installed by Adrian.	$7,255.00

FORD SHELVING PACKAGES

40TLL	HOLMAN (fka KARGO MASTER) BASE 46" H SHELVES - TRANSIT 148" WB LOW ROOF 40640 Partition - Perforated, 406TL Partition Wing Kit - Transit Low Roof x 1, 48520 Shelf Unit - 52" W x 46" H x 14" D x 3	$4,390.00
40TRL	HOLMAN (fka KARGO MASTER) BASE 46" H SHELVES - TRANSIT 130" WB LOW ROOF 40640 Partition - Perforated, 406TL Partition Wing Kit - Transit Low Roof x 1, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3	$3,920.00
41TLL	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 46" H SHELVES - TRANSIT 148" WB LOW ROOF 40640 Partition - Perforated, 406TL Partition Wing Kit - Transit Low Roof x 1, 48520 Shelf Unit - 52" W x 46" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40070 Drawer Cabinet - 2 Drawers x 1, 40080 Drawer Cabinet - 3 Drawers x 1, 40060 Hook 3 Prong "J" x 2, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$5,830.00
41TLM	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 60" H SHELVES - TRANSIT 148" WB MID ROOF 40651 Partition - Perforated, 406TM Partition Wing Kit - Transit Mid Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40060 Hook 3 Prong "J" x 2, 40310 Small Parts Shelf Bin - 10" W Plastic x 5, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$8,980.00
42TLL	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 46" H SHELVES - TRANSIT 148" WB LOW ROOF 40640 Partition - Perforated, 48520 Shelf Unit - 52" W x 46" H x 14" D x 3, 40040 Shelf Door Kit 52" W x 2, 40070 Drawer Cabinet - 2 Drawers x 1, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40230 Wire Reel Holder - 5 Spindle x 1, 40060 Hook 3 Prong "J" x 1, 48240 20" W Plastic Small Parts Bin Module (12 - 5" W Bins) x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 2	$8,080.00

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43TRL	HOLMAN (fka KARGO MASTER) COMMERCIAL BIN 46" H SHELVES - TRANSIT 130" WB LOW ROOF 40640 Partition - Perforated, 406TL Partition Wing Kit - Transit Low Roof x 1, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40080 Drawer Cabinet - 3 Drawers x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48180 Shelf Unit - Shelf Lip 20" L x 1	$4,420.00
44TRL	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 46" H SHELVES - TRANSIT 130" WB LOW ROOF 40640 Partition - Perforated, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40070 Drawer Cabinet - 2 Drawers x 1, 40080 Drawer Cabinet - 3 Drawers x 1, 40010 Shelf Door Kit 42" W x 2, 40060 Hook 3 Prong "J" x 2, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$5,295.00
45TLL	HOLMAN (fka KARGO MASTER) HVAC 46" H SHELVES - TRANSIT 148" WB LOW ROOF 40640 Partition - Perforated, 48520 Shelf Unit - 52" W x 46" H x 14" D x 3, 40040 Shelf Door Kit 52" W x 2, 40070 Drawer Cabinet - 2 Drawers x 2, 40080 Drawer Cabinet - 3 Drawers x 1, 40200 Refrigerant Tank Rack - 3 Tier x 1, 40060 Hook 3 Prong "J" x 1, 48240 20" W Plastic Small Parts Bin Module (12 - 5" W Bins) x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 2	$8,415.00
45TRL	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 46" H SHELVES - TRANSIT 130" WB LOW ROOF 40640 Partition - Perforated, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40070 Drawer Cabinet - 2 Drawers x 1, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40230 Wire Reel Holder - 5 Spindle x 1, 40060 Hook 3 Prong "J" x 1, 48240 20" W Plastic Small Parts Bin Module (12 - 5" W Bins) x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$6,935.00
46TRL	HOLMAN (fka KARGO MASTER) HVAC 46" H SHELVES - TRANSIT 130" WB LOW ROOF 40640 Partition - Perforated, 48420 Shelf Unit - 42" W x 46" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40070 Drawer Cabinet - 2 Drawers x 2, 40080 Drawer Cabinet - 3 Drawers x 1, 40200 Refrigerant Tank Rack - 3 Tier x 1, 40060 Hook 3 Prong "J" x 1, 48240 20" W Plastic Small Parts Bin Module (12 - 5" W Bins) x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$8,465.00
AWV BASE-FT-LR130	Adrian Base Commercial Shelving Package for Full Size Transit Cargo Low Roof 130" Wheel Base furnished and installed by Adrian.	$4,065.00
AWV BASE-FT-LR148	Adrian Base Commercial Shelving Package for Full Size Transit Cargo Low Roof 148" Wheel Base furnished and installed by Adrian.	$4,285.00
AWV GEN-FT-LR130-B	Adrian General Service Shelving Package for Full Size Transit Cargo Low Roof 130" Wheel Base furnished and installed by Adrian.	$5,290.00
AWV GEN-FT-LR148-B	Adrian General Service Shelving Package for Full Size Transit Cargo Low Roof 148" Wheel Base furnished and installed by Adrian.	$6,190.00
AWV ELEC-FT-LR130	Adrian Electrical/Gas Shelving Package for Full Size Transit Cargo Low Roof 130" Wheel Base furnished and installed by Adrian.	$6,510.00
AWV ELEC-FT-LR148	Adrian Electrical/Gas Shelving Package for Full Size Transit Cargo Low Roof 148" Wheel Base furnished and installed by Adrian.	$7,470.00
AWV HVAC-FT-LR130-B	Adrian HVAC Shelving Package for Full Size Transit Cargo Low Roof 130" Wheel Base furnished and installed by Adrian.	$6,870.00
AWV HVAC-FT-LR148-B	Adrian HVAC Shelving Package for Full Size Transit Cargo Low Roof 148" Wheel Base furnished and installed by Adrian.	$7,135.00

RAM SHELVING PACKAGES

40PMS	HOLMAN (fka KARGO MASTER) BASE 60" H SHELVES - PROMASTER 118" & 136" WB LOW/HIGH ROOF 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3	$5,185.00
41PMS	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 60" H SHELVES - PROMASTER 118" & 136" WB LOW ROOF 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40060 Hook 3 Prong "J" x 2, 40311 Small Parts Shelf Bin - 10" W Plastic x 4, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$6,470.00
42PMS	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 60" H SHELVES - PROMASTER 136" WB LOW/HIGH ROOF 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40090 Drawer Cabinet - 4 Drawers x 2, 40060 Hook 3 Prong "J" x 1, 40230 Wire Reel Holder - 5 Spindle x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 8, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$7,595.00

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45PMS	HOLMAN (fka KARGO MASTER) HVAC 60" H SHELVES - PROMASTER 136" WB LOW/HIGH ROOF 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 1, 40070 Drawer Cabinet - 2 Drawers x 2, 40102 Refrigerant Tank Rack - 3 Tier x 1, 40060 Hook 3 Prong "J" x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 4, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$7,215.00
AWV GEN-PM-LR136-B	Adrian General Service Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Ram Promaster Low Roof 136' Wheel Base furnished and installed by Adrian.	$6,125.00
AWV HVAC-PM-LR136	Adrian HVAC Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Ram Promaster Low Roof 136" Wheel Base furnished and installed by Adrian.	$7,650.00
AWV ELE-PM-LR136	Adrian Electrical Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Ram Promaster Low roof 136" Wheel Base furnished and installed by Adrian.	$7,295.00

GM LADDER RACKS

AWV RRBGMW	Adrian Rear Roll Down Ladder Rack for GM Full Size Van. Furnished and installed by Adrian.	$395.00
AWV GM 2B6W	Adrian Aluminum 2- Bar Utility Rack for GM Full Size Van. Furnished and installed by Adrian.	$910.00
AWV GM 3B6W	Adrian Aluminum 3- Bar Utility Rack for GM Full Size Van. Furnished and installed by Adrian.	$1,370.00
AWV GL61GM	Adrian Grip Lock Single Lock Down Ladder Rack for GM Full Size Van. Furnished and installed by Adrian.	$985.00
AWV GL63GM	Adrian Grip Lock Double Lock Down Ladder Rack for GM Full Size Van. Furnished and installed by Adrian.	$1,430.00
AWV PLS61GM	Adrian Single Slide Down Ladder Rack for GM Full Size Van. Furnished and installed by Adrian.	$1,850.00
AWV PLS63GM	Adrian Double slide Down Ladder Rack for GM Full Size Van. Furnished and installed by Adrian.	$3,195.00
4082L + 408CC	GM Express/Savana - Single Clamp & Lock Ladder Rack (Curb Side Only)	$1,260.00
4082L + 408CC + 4081L	GM Express/Savana - Dual Clamp & Lock Mechanism	$1,775.00
4092L + 409CD	GM Express/Savana - Single Drop Down Ladder Rack (Curb Side Only)	$2,270.00
4092L + 409CD + 40963	GM Express/Savana - Dual Drop Down Mechanism	$3,730.00

FORD LADDER RACKS

AWV 3BARRFT-W	Adrian 3- Bar Ladder rack Utility Rack Ford Full Size Transit Cargo Low Roof Rack furnished and installed by Adrian.	$1,730.00
AWV 2BARRFT-W	Adrian 2- Bar Ladder rack Utility Rack with Rear Roller Bar Ford Full Size Transit Cargo Low Roof Rack furnished and installed by Adrian.	$1,310.00
AWV GL61TL	Adrian Single Lock Down GripLock Ladder rack Ford Full Size Transit Cargo Low Roof furnished and installed by Adrian.	$1,355.00
AWV GL63TL	Adrian Double Lock Down GripLock Ladder rack Ford Full Size Transit Cargo Low Roof furnished and installed by Adrian.	$1,795.00
AWV PLS61TL	Adrian Single Slide Down Ladder rack Ford Full Size Transit Cargo Low Roof furnished and installed by Adrian.	$2,215.00
AWV PLS63TL	Adrian Double Slide Down Ladder rack Ford Full Size Transit Cargo Low Roof furnished and installed by Adrian.	$3,560.00
4092L + 409TD	Ford Transit Low Roof - Single Drop Down Ladder Rack (Curb Side Only)	$2,440.00
4082L + 408TC + 4081L	Ford Transit Low Roof - Dual Clamp & Lock Mechanism	$1,935.00
4092L + 409TD + 40963	Ford Transit Low Roof - Dual Drop Down Mechanism	$3,900.00

RAM LADDER RACKS

AWV PM 3B6W RRB	Adrian 3- Bar Rack Ladder Racks Full Size Van Aluminum Utility Rack Ram ProMaster (Standard Roof) furnished and installed by Adrian.	$1,820.00
AWV PLM61PL	Adrian Single Drop Down Ladder Racks Full Size Ram ProMaster (118" WB) furnished and installed by Adrian.	$2,985.00

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AWV PLM63PL	Adrian Double Drop Down Ladder Racks Full Size Ram ProMaster (118" WB) furnished and installed by Adrian.	$4,735.00
4097M + 4081P	ProMaster Low Roof - Single Drop Down Ladder Rack (Curb Side Only)	$2,705.00
4097M + 4081P + 40983	ProMaster Low Roof - Dual Low Roof - Drop Down Mechanism	$4,255.00

MEDIUM ROOF CARGO VAN

TRANSIT PARTITIONS

AWV S1M2HC2TRM	Adrian Partition S1M2HC2PM Perforated Top Center & Passenger Panels Includes Wing Kit for Ford Full Size Cargo Van Medium Roof (w/door) furnished and installed by Adrian.	$1,530.00
40660 + 40669TM + 40620	Ford Transit Mid/ Roof Partition with perforated center/passenger side panels & door latch kit.	$1,360.00
AWV S1M2C2TRM	Adrian Partition S1M2HC2PM Perforated Top Center & Passenger Panels Includes Wing Kit for Ford Full Size Cargo Van Medium Roof (no door) furnished and installed by Adrian.	$1,395.00

TRANSIT SHELVING PACKAGES

40TLM	HOLMAN (fka KARGO MASTER) BASE 60" H SHELVES - TRANSIT 148" WB MID ROOF 52″Adjustable Tall Shelf Unit [52″ Width x 60″ Height x 14″ Depth] (48524) x 3 Van Interior Partition x 1 Ford Transit Mid/High Roof Partition Kit: (40651+406TH)	$5,590.00
40TRM	HOLMAN (fka KARGO MASTER) BASE 60" H SHELVES - TRANSIT 130" WB MID ROOF 40651 Partition - Perforated, 406TM Partition Wing Kit - Transit Mid Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3	$5,100.00
41TRM	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 60" H SHELVES - TRANSIT 130" WB MID ROOF 40651 Partition - Perforated, 406TM Partition Wing Kit - Transit Mid Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40060 Hook 3 Prong "J" x 2, 40311 Small Parts Shelf Bin - 10" W Plastic x 4, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$6,255.00
42TLM	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 60" H SHELVES - TRANSIT 148" WB MID ROOF 40651 Partition - Perforated, 406TM Partition Wing Kit - Transit Mid Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3, 40040 Shelf Door Kit 52" W x 2, 40090 Drawer Cabinet - 4 Drawers x 2, 40230 Wire Reel Holder - 5 Spindle x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 10, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$8,085.00
42TRM	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 60" H SHELVES - TRANSIT 130" WB MID ROOF 40651 Partition - Perforated, 406TM Partition Wing Kit - Transit Mid Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 2, 40090 Drawer Cabinet - 4 Drawers x 2, 40060 Hook 3 Prong "J" x 1, 40230 Wire Reel Holder - 5 Spindle x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 8, 40030 Shelf Dividers 6" Tall (Set of 6) x 1	$7,315.00
54TLM	HOLMAN (fka KARGO MASTER) HVAC 60" H SHELVES - TRANSIT 146" WB MID ROOF 40651 Partition - Perforated, 40669TM Partition Wing Kit - Transit Mid Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3, 40040 Shelf Door Kit 52" W x 1, 40070 Drawer Cabinet - 2 Drawers x 2, 40102 Refrigerant Tank Rack - 3 Tier x 1, 40060 Hook 3 Prong "J" x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 5, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$8,430.00
45TRM	HOLMAN (fka KARGO MASTER) HVAC 60" H SHELVES - TRANSIT 130" WB MID ROOF 40651 Partition - Perforated, 40669TM Partition Wing Kit - Transit Mid Roof x 1, 48424 Shelf Unit - 42" W x 60" H x 14" D x 3, 40010 Shelf Door Kit 42" W x 1, 40070 Drawer Cabinet - 2 Drawers x 2, 40102 Re frigerant Tank Rack - 3 Tier x 1, 40270 Hanging File Holder x 1, 40060 Hook 3 Prong "J" x 1, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 1	$6,735.00
AWV BASE-FT-MR130	Adrian Base Commercial Shelving Package for Full Size Transit Cargo Medium Roof 130" Wheel Base furnished and installed by Adrian.	$4,770.00
AWV BASE-FT-MR148	Adrian Base Commercial Shelving Package for Full Size Transit Cargo Medium Roof 148" Wheel Base furnished and installed by Adrian.	$5,290.00
AWV GEN-FT-MR130-B	Adrian General Service Shelving Package for Full Size Transit Cargo Medium Roof 130" Wheel Base furnished and installed by Adrian.	$6,015.00
AWV GEN-FT-MR148-B	Adrian General Service Shelving Package for Full Size Transit Cargo Medium Roof 148" Wheel Base furnished and installed by Adrian.	$7,195.00

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AWV HVAC-FT-MR130-B	Adrian HVAC Shelving Package for Full Size Transit Cargo Medium Roof 130" Wheel Base furnished and installed by Adrian.	$7,565.00
AWV HVAC-FT-MR148-B	Adrian HVAC Shelving Package for Full Size Transit Cargo Medium Roof 148" Wheel Base furnished and installed by Adrian.	$7,880.00
AWV ELEC-FT-MR130	Adrian Electrical Shelving Package for Full Size Transit Cargo Medium Roof 130" Wheel Base furnished and installed by Adrian.	$7,215.00
AWV ELEC-FT-MR148	Adrian Electrical Shelving Package for Full Size Transit Cargo Medium Roof 148" Wheel Base furnished and installed by Adrian.	$8,475.00

TRANSIT LADDER RACKS

AWV PLM61TM	Adrian Single Slide Max Down Ladder rack Ford Full Size Transit Cargo Med Roof furnished and installed by Adrian.	$2,665.00
AWV PLM63TM	Adrian Double Slide Down Max Ladder rack Ford Full Size Transit Cargo Med Roof furnished and installed by Adrian.	$4,460.00
4097M + 4081T	Ford Transit Mid Roof - Single EZ Drop Down Ladder Rack (Passenger Side)	$3,270.00
4097M + 4081T + 40983	Ford Transit Mid Roof - Dual EZ Drop Down Mechanism	$5,370.00

WINDOW SCREENS

AWV SCREEN-FTMH2	Adrian 60-132/60-133 window security screens, both rear doors, Ford Transit mid/high roof furnished and installed by Adrian.	$380.00

HIGH ROOF CARGO VAN

TRANSIT PARTITIONS

AWV S1M2C2TR	Adrian Partition S1M2C2PM Perforated Top Center & Passenger Panels Includes Wing Kit for Ford Full Size Cargo Van High Roof (no door) furnished and installed by Adrian.	$1,415.00
AWV S1M2HC2TRH	Adrian Partition S1M2HC2PM Perforated Top Center & Passenger Panels Includes Wing Kit for Ford Full Size Cargo Van High Roof (w/door) furnished and installed by Adrian.	$1,550.00
40660 + 40669TH + 40620	Ford Transit High Roof Partition with perforated center/passenger side panels & door latch kit.	$1,405.00

TRANSIT SHELVING PACKAGES

AWV BASE-FT-HR148	Adrian Base Commercial Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base furnished and installed by Adrian.	$5,580.00
AWV BASE-FT-HR148X	Adrian Base Commercial Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base Extended furnished and installed by Adrian.	$6,970.00
AWV GEN-FT-HR148	Adrian General Service Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base furnished and installed by Adrian.	$6,745.00
AWV Gen-FT-HR148X	Adrian General Service Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base Extended furnished and installed by Adrian.	$8,375.00
AWV HVAC-FT-HR148	Adrian HVAC Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base furnished and installed by Adrian.	$8,345.00
AWV HVAC-FT-HR148X	Adrian HVAC Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base Extended furnished and installed by Adrian.	$9,500.00
AWV ELEC-FT-HR148	Adrian Electrical/Gas Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base furnished and installed by Adrian.	$8,840.00
AWV ELEC-FT-HR148X	Adrian Electrical/Gas Shelving Package for Full Size Transit Cargo High Roof 148" Wheel Base Extended furnished and installed by Adrian.	$10,395.00

PROMASTER SHELVING PACKAGES

40PML	HOLMAN (fka KARGO MASTER) BASE 60" H SHELVES - PROMASTER 159" WB HIGH ROOF 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3	$5,615.00

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41PML	HOLMAN (fka KARGO MASTER) GENERAL SERVICE 60" H SHELVES - PROMASTER 159" WB HIGH ROOF 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3, 40080 Drawer Cabinet - 3 Drawers x 1, 40090 Drawer Cabinet - 4 Drawers x 1, 40060 Hook 3 Prong "J" x 2, 40311 Small Parts Shelf Bin - 10" W Plastic x 5, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$6,960.00
42PML	HOLMAN (fka KARGO MASTER) ELECTRICAL CONTRACTOR 60" H SHELVES - PROMASTER HIGH ROOF 159" WB 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3, 40040 Shelf Door Kit 52" W x 2, 40090 Drawer Cabinet - 4 Drawers x 2, 40060 Hook 3 Prong "J" x 1, 40230 Wire Reel Holder - 5 Spindle x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 10, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$8,185.00
45PML	HOLMAN (fka KARGO MASTER) HVAC 60" H SHELVES - PROMASTER HIGH ROOF 159" WB 40651 Partition - Perforated, 4064P Partition Wing Kit - ProMaster Low/High Roof x 1, 48524 Shelf Unit - 52" W x 60" H x 14" D x 3, 40040 Shelf Door Kit 52" W x 1, 40070 Drawer Cabinet - 2 Drawers x 2, 40102 Refrigerant Tank Rack - 3 Tier x 1, 40060 Hook 3 Prong "J" x 1, 40270 Hanging File Holder x 1, 40311 Small Parts Shelf Bin - 10" W Plastic x 5, 40030 Shelf Dividers 6" Tall (Set of 6) x 1, 48190 Shelf Unit - Shelf Lip 10" L x 1	$7,735.00
AWV GEN-PM-HR159-B	Adrian General Service Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Ram Promaster High Roof 159" Wheel Base furnished and installed by Adrian.	$7,560.00
AWV ELE-PM-HR159	Adrian Electrical Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space for Ram Promaster High Roof 159" Wheel Base furnished and installed by Adrian.	$9,455.00
AWV HVAC-PM-HR159	Adrian HVAC Shelving Package with Next Generation Shelving made with High Strength Steel for greater weight capacity and engineered to eliminated dead space forRam Promaster High Roof 159" Wheel Base furnished and installed by Adrian.	$9,665.00

TRANSIT LADDER RACKS

4099H + 409TD	Ford Transit High Roof - Single EZ Drop Down Ladder Rack (Passenger Side)	$3,270.00
4099H + 409TD + 40913	Ford Transit High Roof - Dual EZ Drop Down Mechanism	$5,370.00

PROMASTER LADDER RACKS

AWV PLM61PL136	Adrian Single Drop Down Ladder Racks Full Size Ram ProMaster (136"" WB) furnished and installed by Adrian.	$3,020.00
AWV PLM63PL136	Adrian Double Drop Down Ladder Racks Full Size Ram ProMaster (136" WB) furnished and installed by Adrian.	$4,770.00
4099H + 4081P	ProMaster High Roof - Single EZ Drop Down Ladder Rack (Passenger Side)	$3,355.00
4099H + 4081P + 40913	ProMaster High Roof - Dual EZ Drop Down Mechanism	$5,455.00

WINDOW SCREENS

AWV SCREEN-FTMH2	Adrian 60-132/60-133 window security screens, both rear doors, Ford Transit mid/high roof furnished and installed by Adrian.	$380.00

E-TRANSIT ADD ON

AWV MFKFT130	KK-Plus Phenolic Resin Textured black coated Birch Floor with mounting floor plate for E-Transit 130" Wheelbase furnished and installed by Adrian.	$1,910.00
AWV MFKFT148	KK-Plus Phenolic Resin Textured black coated Birch Floor with mounting floor plate for E-Transit 148" Wheelbase furnished and installed by Adrian.	$2,115.00
AWV MFKFT148X	KK-Plus Phenolic Resin Textured black coated Birch Floor with mounting floor plate for E-Transit 148X" Wheelbase furnished and installed by Adrian.	$2,455.00

ADVANCED WORK VANS ACC

AWV 4LED-A	Four Corner LED Kit, with (2) LED's installed in front grille/bumper & (2) LED's installed on rear bumper or body depending on vehicle (AMBER) furnished and installed by Adrian.	$1,530.00
AWV 4LED-AW	Four Corner LED Kit, with (2) LED's installed in front grille/bumper & (2) LED's installed on rear bumper or body depending on vehicle (AMBER/WHITE) furnished and installed by Adrian.	$1,530.00

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AWV 4LED-W	Four Corner LED Kit, with (2) LED's installed in front grille/bumper & (2) LED's installed on rear bumper or body depending on vehicle (WHITE) furnished and installed by Adrian.	$1,530.00
AWV SOB-VAN	Van floor spray on bedliner, provides coverage of the entire cargo floor and lower section of walls and partition.	$1,950.00
AWV TS-1500	VANNER 1500 Watt Pure Sine Power Inverter w/ Wiring harness and Circuit Breaker mounted to back of partition, passenger side furnished and installed by Adrian.	$2,435.00
AWV 2DRAWER-18	Adrian 2-Drawer High Capacity, 18"w x 11-3/8"h x 14"d, Blue, Gray installed by Adrian	$410.00
AWV 3DRAWER-18	Adrian 3-Drawer High Capacity, 18"w x 11-3/8"h x 14"d, Blue, Gray installed by Adrian	$500.00
AWV 4DRAWER-18	Adrian 4-Drawer High Capacity, 18"w x 11-3/8"h x 14"d, Blue, Gray installed by Adrian	$585.00
AWV 2DRAWER-24	Adrian 2-Drawer High Capacity, 24"w x 11-3/8"h x 14"d, Blue, Gray installed by Adrian	$445.00
AWV 3DRAWER-24	Adrian 3-DrawerHigh Capacity, 24"w x 11-3/8"h x 14"d, Blue, Gray installed by Adrian	$550.00
AWV 4DRAWER-24	Adrian, 4-Drawer High Capacity, 24"w x 11-3/8"h x 14"d, Blue, Gray installed by Adrian	$625.00

DRY FREIGHT BOXES

12' ALUMINUM BOX

K CUT 12 AL	KNAPHEIDE 12' Aluminum 96"X84" Cutaway, Pine floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,560.00
K DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$425.00
AF CUT 12 AL	J & B Aluminum 12' L x 96" W x 84" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,670.00
AF DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$375.00
FB CUT 12 AL	FB Aluminum 12' L x 96" W x 84" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,245.00
FB DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$340.00

14' ALUMINUM BOX

K CUT 14 AL	KNAPHEIDE 14' Aluminum 96"X84" Cutaway, Pine floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$16,045.00
K DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$425.00
AF CUT 14 AL	J & B Aluminum 14' L x 96" W x 96" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,230.00
AF DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$375.00
FB CUT 14 AL	FB Aluminum 14' L x 96" W x 96" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,510.00
FB DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$340.00

16' ALUMINUM BOX

K CUT 16 AL	KNAPHEIDE 16' Aluminum 96"X84" Cutaway, Pine floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$16,355.00
K DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$425.00

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AF CUT 16 AL	J & B Aluminum 16' L x 96" W x 96" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$21,340.00
AF DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$375.00
FB CUT 16 AL	FB Aluminum 16' L x 96" W x 96" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,965.00
FB DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$340.00

18' ALUMINUM BOX

AF CUT 18 AL	J & B Aluminum 18' L x 96" W x 96" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$22,055.00
AF DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$375.00
FB CUT 18 AL	FB Aluminum 18' L x 96" W x 96" H Cutaway Bodies: Aluminum w/Plywood Interior, Radius Front, Pine Floor, 10" x 72" Rear Step Bumper, Solid Bulkhead, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,980.00
FB DOOR-SLIDE	ADD SLIDING BULKHEAD DOOR TO CUTAWAY.	$340.00

PRISONER TRANPORT SYSTEMS

SINGLE COMPARTMENT

AA 1-REG COMP PTS	American Aluminum SINGLE compartment prisoner transport system with rear door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and short wheel base cargo van).	$19,195.00
AA 1-EXT COMP PTS	American Aluminum SINGLE compartment prisoner transport system with rear door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and long wheel base cargo van).	$20,205.00
AA CARPET	Upgrade American Aluminum prisoner transport system to include a carpeted bulkhead in order to reduce odor and noise.	$1,545.00
AA CUSH-1	American Aluminum seat cushions for 1 or 2 compartment prisoner transport systems.	$3,355.00
AA INTERCOM-1	American Aluminum intercom system for SINGLE compartment transport system.	$800.00
AA INSULATE	American Aluminum rear cargo insulation with R4 and R11 applied to interior walls prior to install.	$4,085.00
AA CONSOLE	American Aluminum console box	$875.00
AA REAR	American Aluminum rear step.	$1,225.00

TWO COMPARTMENT

AA 2-REG COMP PTS	American Aluminum TWO compartment prisoner transport system with rear door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and short wheel base cargo van).	$19,195.00
AA 2-EXT COMP PTS	American Aluminum TWO compartment prisoner transport system with rear door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and long wheel base cargo van).	$20,205.00
AA SDD	American Aluminum solid drop doors to block all visibility between compartments.	$340.00

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AA CARPET	Upgrade American Aluminum prisoner transport system to include a carpeted bulkhead in order to reduce odor and noise.	$1,545.00
AA CUSH-1	American Aluminum seat cushions for 1 or 2 compartment prisoner transport systems.	$3,355.00
AA CAMERA-2	American Aluminum TWO compartment camera system includes: (2) tamper proof dome cameras, (1) CCD backup camera, (1) 5-channel mobile DBR with GPS, and (1) 7" LCD monitor.	$2,790.00
AA INTERCOM-2	American Aluminum intercom system for TWO compartment transport system.	$1,180.00
AA INSULATE	American Aluminum rear cargo insulation with R4 and R11 applied to interior walls prior to install.	$4,085.00
AA CONSOLE	American Aluminum console box	$875.00
AA REAR	American Aluminum rear step.	$1,225.00

THREE COMPARTMENT

MW ADA PRISONER	MOBILITY WORKS WHEEL CHAIR LIFT, Shoulder Track -Pair-Full Length Shoulder tracks on driver and passenger side, Q-Straint Slide and Click 4-button wheelchai securement system with retractable lap and shoulder belts (LEVEL 3) Braun automatic ADA Lift, 34" x 51" platform, Century Seriies Model C919 IB, Side door mounted, ADA interlock, spot lights on lift, FMVSS 403 & 404 compliant - manual roll stop, Floor color black, Altro Floor Covering, in black - LWB Wagon LWB 3/4" Plywood subfloor - MUST Use Q'Straint Slide and Click, vehicle prep, cleanup, QA payload, required certifications/lables, training CD's, emergency exit and no smoking stickers.	$23,765.00
AA ADA PRISONER	AMERICAN ALUMINUM 3 COMPARTMENT MODULE 2 rear compartments, 4 seats on each side. Includes: Rear step, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same. ***CARPETED FRONT BULKHEAD **INMATE TRANSPORT SOLID ESCAPE HATCHES FOR INMATE TRANSPORT * DROP DOWN DOORS * CUSTOM OPTION *Front compartmentwill be Wheelchair Lift compartment (REQUIRES FACTORY REAR HVAC & MID/HIGH ROOF VAN) - Requires MW ADA PRISONER.	$22,990.00
AA 3-REG COMP PTS	American Aluminum THREE compartment prisoner transport system with rear and side door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and short wheel base cargo van).	$20,045.00
AA 3-EXT COMP PTS	American Aluminum THREE compartment prisoner transport system with rear and side door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and long wheel base cargo van).	$21,055.00
AA SDD	American Aluminum solid drop doors to block all visibility between compartments.	$340.00
AA CARPET	Upgrade American Aluminum prisoner transport system to include a carpeted bulkhead in order to reduce odor and noise.	$1,545.00
AA STORAGE	American Aluminum under the front bench storage sytem for THREE compartment system.	$2,020.00
AA SQUISH	American Aluminum SQUISH seat for creating a single compartment on an as needed basis for THREE compartment systems.	$2,065.00
AA CUSH-3	American Aluminum seat cushions for 3 or 4 compartment prisoner transport systems.	$4,205.00
AA INTERCOM-3	American Aluminum intercom system for THREE compartment transport system.	$1,560.00
AA CAMERA-3	American Aluminum THREE compartment camera system includes: (3) tamper proof dome cameras, (1) CCD backup camera, (1) 5-channel mobile DBR with GPS, and (1) 7" LCD monitor.	$3,075.00
AA INSULATE	American Aluminum rear cargo insulation with R4 and R11 applied to interior walls prior to install.	$4,085.00
AA CONSOLE	American Aluminum console box	$875.00
AA REAR	American Aluminum rear step.	$1,225.00
AA SIDE	American Aluminum side step.	$1,225.00

ALAN JAY FLEET SALES

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FOUR COMPARTMENT

AA 4-REG COMP PTS	American Aluminum FOUR compartment prisoner transport system with rear and side door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and short wheel base cargo van WITH dual sliding side cargo access doors).	$20,045.00
AA 4-EXT COMP PTS	American Aluminum FOUR compartment prisoner transport system with rear and side door entry includes: seat belts, center console, rear step powder coated black, interior protected LED lighting, all hoses, clamps and hardware for hooking up rear factory A/C, diamond plate aluminum floor, 6,000 pound slam locks with Camlocker T-Handles, all locks keyed the same (REQUIRES FACTORY A/C and long wheel base cargo van WITH dual sliding side cargo access doors).	$21,055.00
AA SDD	American Aluminum solid drop doors to block all visibility between compartments.	$340.00
AA CARPET	Upgrade American Aluminum prisoner transport system to include a carpeted bulkhead in order to reduce odor and noise.	$1,545.00
AA CUSH-3	American Aluminum seat cushions for 3 or 4 compartment prisoner transport systems.	$4,205.00
AA INTERCOM-4	American Aluminum intercom system for FOUR compartment transport system.	$1,935.00
AA CAMERA-4	American Aluminum FOUR compartment camera system includes: (4) tamper proof dome cameras, (1) CCD backup camera, (1) 5-channel mobile DBR with GPS, and (1) 7" LCD monitor.	$3,375.00
AA INSULATE	American Aluminum rear cargo insulation with R4 and R11 applied to interior walls prior to install.	$4,085.00
AA CONSOLE	American Aluminum console box	$875.00
AA REAR	American Aluminum rear step.	$1,225.00
AA SIDE	American Aluminum side step.	$1,225.00

RECYCLED PRISONER TRANSPORT SYSTEM

AA UNINSTALL	Uninstall customer provided prisoner transport system, includes transportation to-from Perry, FL.	$2,680.00
AA CLEAN	Sanitize customer provided prisoner transport system.	$1,050.00
AA INSTALL	Re-install customer provided prisoner transport system, includes transportation from Perry, FL.	$2,680.00
AA INSULATE	American Aluminum rear cargo insulation with R4 and R11 applied to interior walls prior to install.	$4,085.00
AA REAR	American Aluminum rear step.	$1,225.00
AA SIDE	American Aluminum side step.	$1,225.00

PASSENGER VAN SCREEN SYSTEM

AA EZ SCREEN	American Aluminum EZ SCREEN system includes front partition with plexiglass covered 1-1/2" punched mesh screen window and 1/2" punched side / rear window guards.	$6,650.00
AA PART	American Aluminum additional partitions for EZ SCREEN system, please specity middle or rear.	$2,410.00
AA SIDE	American Aluminum side step.	$1,225.00

COVERED VAN BODIES

KNAPHEIDE KUV

K KUV129SU-GM	Knapheide 11' KUV 129SU SRW ultra low roof with 55.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera. To be mounted on Chevy Express 139" WB (requires VP7 and DEB or DHC) / Ford Econoline 138" WB (requires 31H and 54D or 54E) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$23,975.00
K KUV129SU-T	Knapheide 11' KUV 129SU SRW ultra low roof with 55.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera & remote keyless entry. To be mounted on Ford Transit (requires 31K and 541 or 545 or 543 or 544) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$25,545.00

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K KUV129SU-E	Knapheide 11' KUV 129SU SRW ultra low roof with 55.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera. To be mounted on Chevy Express 139" WB (requires VP7 and DEB or DHC) / Ford Econoline 138" WB (requires 31H and 54D or 54E) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$19,210.00
K KUV129SH-T	Knapheide 11' KUV 129SH SRW high roof with 75.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera & remote keyless entry. To be mounted on Ford Transit (requires 541 or 545 or 543 or 544) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$31,920.00
K KUV129SH-E	Knapheide 11' KUV 129SH SRW high roof with 75.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera. To be mounted on Chevy Express 139" WB (requires DEB or DHC) / Ford Econoline 138" WB (requires 54D or 54E) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$28,915.00
K KUV129DH-T	Knapheide 11' KUV 129DH DRW high roof with 75.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera & remote keyless entry. To be mounted on Ford Transit (requires 541 or 545 or 543 or 544) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$32,195.00
K KUV129DH-E	Knapheide 11' KUV 129DH DRW high roof with 75.8" interior cargo height, 14.5" compartment depth, includes mounting of factory rear camera. To be mounted on Chevy Express 139" WB (requires DEB or DHC) / Ford Econoline 138" WB (requires 54D or 54E) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$30,455.00

KNAPHEIDE KUV ACCESSORIES

K KUV CLIII	Knapheide Class III hitch for Ford Transit with 7-pin round wire connector	$935.00
K KUV CLV	Knapheide Class V hitch for Express/Econoline with 7-pin round wire connector	$865.00
K KUV NO-TOW	TOW HITCH NOT AVAILABLE ON THIS MODEL	$0.00
K KUV-3BOW	Knapheide 3 bow ladder rack, installed.	$1,140.00
K KUV-DDD	Knapheide double drop down ladder rack, installed.	$5,000.00
K KUV-RKE-E	Knapheide power lock system for Econoline/Express KUV installation.	$2,535.00
K KUV-SDD	Knapheide single drop down ladder rack, installed.	$2,585.00

DVA - READING CSV CUT

DVA RVSL57-132AP SW	11" Reading Steel Standard Line Ready Van enclosed service body factory powder coated white with 57" height and SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req single rear wheel Ford E series cutaway or GM Express cutaway chassis.	$18,910.00
DVA RVSL75-132AP SW	11" Reading Steel Standard Line Ready Van enclosed service body factory powder coated white with 75" height and SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req single rear wheel Ford E series cutaway or GM Express cutaway chassis.	$19,640.00
DVA RVSL75-132AP DW	11" Reading Steel Standard Line Ready Van enclosed service body factory powder coated white with 75" height and SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req dual rear wheel Ford E series cutaway or GM Express cutaway chassis.	$20,615.00
DVA AL-CVS57-132AP SW	11' Reading Aluminum CSV Classic service van powder coated white with pooched rear bumper & 57" height (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req single rear wheel Ford E series cutaway or GM Express cutaway chassis.	$23,630.00
DVA AL-PSV57-132AP SW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 57" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req RAM ProMaster cutaway with 136" WB & single rear wheel.	$23,630.00
DVA AL-CVS75-132AP SW	11' Reading Aluminum CSV Classic service van powder coated white with pooched rear bumper & 75" height (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req single rear wheel Ford E series cutaway or GM Express cutaway chassis.	$24,340.00
DVA AL-PSV75-132AP SW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 75" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req RAM ProMaster cutaway with 136" WB & single rear wheel.	$24,340.00

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DVA AL-CVS75-132AP DW	11' Reading Aluminum CSV Classic service van powder coated white with pooched rear bumper & 75" height (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req dual rear wheel Ford E series cutaway or GM Express cutaway chassis	$25,520.00
DVA 3BL RSV 132	3- Bar Ladder Rack	$1,250.00

DVA - READING CSV CHASSIS

DVA AL-TSC57-132AP DW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 57" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit chassis cab with138" WB & dual rear wheel.	$23,040.00
DVA AL-TSC57-132AP SW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 57" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit chassis cab with138" WB & single rear wheel.	$23,160.00
DVA AL-TSC72-132AP DW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 72" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit chassis cab with138" WB & dual rear wheel.	$25,520.00
DVA AL-TSC72-132AP SW	11'Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 72" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit chassis cab with138" WB & single rear wheel.	$23,630.00
DVA AL-TSV57-132AP DW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 57" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit cutaway with138" WB & dual rear wheel.	$23,630.00
DVA AL-TSV57-132AP SW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 57" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit cutaway with138" WB & single rear wheel.	$23,395.00
DVA AL-TSV72-132AP DW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 72" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit cutaway with138" WB & dual rear wheel.	$25,520.00
DVA AL-TSV72-132AP SW	11' Reading Aluminum CSV Classic Service Van powder coated white with pooched rear bumper and 72" height. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req Ford Transit cutaway with138" WB & single rear wheel.	$23,630.00

READING CORP CSV CUT

AF SL132-RVAN75-DRW	11" Steel Standard Line Ready Van enclosed service body factory powder coated white with 75" height and SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req dual rear wheel Ford E series cutaway or GM Express cutaway chassis.	$21,510.00

MASTERACK - READING

LOW ROOF

AF MR-PART-WOD-LR	Standard Steel Partition, (No Door) Low Roof, installed.	$1,265.00
AF MR-PART-WD-LR	Standard Steel Partition, with Hinged Door, installed.	$1,410.00
AF MR-BASE-LR	Masterack Base shelving package with Partition (No Door) Ford Transit, GM Low Roof	$3,880.00
AF MR-CONT-LR	Masterack Service Contractor shelving package with Partition Ford Transit, GM Low Roof	$5,010.00
AF MR-ELEC-LR	Masterack Electrician shelving package with Partition Ford Transit, GM Low Roof	$6,715.00
AF MR-HVAC-LR	Masterack HVAC shelving package with Partition Ford Transit, GM Low Roof LWB	$6,765.00
AF MR-SDDLR-LR	UPLYFT Ladder rack Single drop down, low roof, installed.	$3,105.00

MEDIUM / HIGH ROOF

AF MR-PART-WOD-MHR	Steel partition for high/ medium roof with Hinged Door, installed.	$1,445.00

VAN EQUIPMENT

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AF MR-BASE-MHR	Masterack Base shelving package with Partition Ford Transit, ProMaster, Sprinter LR Med/ High Roof	$5,320.00
AF MR-CONT-MHR	Masterack Service Contractor shelving package with Partition Ford Transit, ProMaster, Sprinter LR Med/ High Roof	$6,715.00
AF MR-ELEC-MHR	Masterack Electrician shelving package with Partition Ford Transit, ProMaster, Sprinter LR Med/ High Roof	$8,200.00
AF MR-HVAC-MHR	Masterack HVAC shelving package with Partition Ford Transit, Sprinter LR Med/ High Roof LWB	$8,335.00
AF MR-SDDLR-MHR	UPLYFT Ladder rack Single drop down, Medium Roof, installed.	$3,375.00
AF MR-DDDLR-MHR	UPLYFT Ladder Rack Double, medium roof, installed.	$4,930.00

ACCESSORIES

AF 1ST-AID	FIRST AID KIT & Holder, Mounted behind driver seat	$120.00
AF PIPE	Conduit Tube 10" x 5" Aluminim	$3,930.00
AF 2-BOW	Two Bow Utility Carriers	$540.00
AF UTILITY	Utility Carriers	$820.00

WEATHER GUARD - DVA

DVA WG-GENSERV-LR	Weather Guard - Powder Coated White - INC - Bulkhead, door kit, 2 driver side shelves I passenger side shelf	$4,470.00
DVA WG-GENSERV-MHR	Weather Guard - Powder Coated White - INC - Bulkhead, door kit, 2 driver side shelves I passenger side shelf	$5,415.00
DVA WG-HVAC-PLUM-ELE-LR	Weather Guard - Powder Coated White - INC - HVAC/Plumber/Electrition Bulkhead, door kit, 2 driver side shelves I passenger side shelf +++	$7,170.00
DVA WG-SSDDLR	Full size Van - Weather Guard - Aluminum Powder Coated White Single side Drop Down Ladder Rack	$2,500.00
DVA WG-DDDLR	Full size Van - Weather Guard - Aluminum Powder Coated White Double Drop Down Ladder Rack	$4,375.00
DVA WG-3BAR	Full size Van - Weather Guard - Powder Coated White 3 Bar Ladder Rack	$1,185.00

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PICKUP TRUCK GATES

Knapheide

K LG13-PU	Maxon C2-60-1342 TP27 1300 lb capacity pick up truck liftgate 55" x 27"+ 4" (includes credit for tailgate & duplicate STT lights).	$5,055.00
K LG13-2PC-PU	Maxon C2-60-1342 TP38 1300 lb capacity pick up truck liftgate 55" x 38"+ 4" 2- PC (includes credit for tailgate & duplicate STT lights).	$5,375.00
K LG15-PU	Maxon C2-60-1542 TP27 1500 lb capacity pick up truck liftgate 55" x 27"+ 4" (includes credit for tailgate & duplicate STT lights).	$5,375.00
K LG15-2PC-PU	Maxon C2-60-1542 TP38 1500 lb capacity pick up truck liftgate 55" x 38"+ 4" 2- PC (includes credit for tailgate & duplicate STT lights).	$5,640.00
K CAMERA-LG	REMOVE / REINSTALL FACTORY CAMERA IN LIFT GATE.	$305.00
K REVERSE-LG	REMOVE / RE-INSTALL FACTORY REVERSE SENSORS IN LIFT GATE	$305.00

DVA

DVA LG13-PU	Maxon C2-60-1342 TP27 Direct Cylinder Lift 1300 lb Capacity 55" x 27"+ 4" for Pickup Trucks (includes credit for tailgate & duplicate STT lights).	$5,260.00
DVA LG13-PU-2PC	Maxon C2-60-1342 TP38Direct Cylinder Lift 1300 lb Capacity 55" x 38"+ 4" 2- PC for Pickup Trucks (includes credit for tailgate & duplicate STT lights).	$5,500.00
DVA CAMERA-LG	REMOVE / REINSTALL FACTORY CAMERA IN LIFT GATE.	$275.00
DVA REVERSE-LG	REMOVE / RE-INSTALL FACTORY REVERSE SENSORS IN LIFT GATE	$275.00

Reading

AF LG13-PU	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 55" x 27"+ 4" for Pickup Trucks	$7,145.00
AF LG13-PU-2PC	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 55" x 38"+ 4" 2- PC for Pickup Trucks	$7,895.00
AF LG15-PU	Tommy Dual Hyd Cylinder Lift 1500 lb Capacity 55" x 27"+ 4" for Pickup Trucks	$7,440.00
AF LG15-PU-2PC	Tommy Dual Hyd Cylinder Lift 1500 lb Capacity 55" x 38"+ 4" 2- PC for Pickup Trucks	$8,130.00
AF CAMERA-LG	FACTORY CAMERA INSTALL IN LIFT GATE	$245.00
AF REVERSE-LG	FACTORY REVERSE SENSOR RELOCATE TO LIFT GATE.	$325.00

PREMIER TRUCK

PTC LG13-PU	Tommy Gate G2-60-1342 TP27 Direct Cylinder Lift 1300 lb Capacity 55" x 27"+ 4" Pick-up Truck Liftgate	$5,100.00
PTC LG13-2PC-PU	Tommy Gate G2-60-1342 TP38 Direct Cylinder Lift 1300 lb Capacity 55" x 38"+ 4" 2- PC Pick-up Truck Liftgate	$5,385.00
PTC LG15-PU	Tommy Gate G2-60-1542 TP27 Direct Cylinder Lift 1500 lb Capacity 55" x 27"+ 4" Pick-up Truck Liftgate	$5,390.00
PTC LG15-2PC-PU	Tommy Gate G2-60-1542 TP38 Direct Cylinder Lift 1500 lb Capacity 55" x 38"+ 4" 2- PC Pick-up Truck Liftgate	$5,660.00
PTC CAMERA-LG	REMOVE / REINSTALL FACTORY CAMERA IN LIFT GATE.	$165.00
PTC REVERSE-LG	REMOVE / RE-INSTALL FACTORY REVERSE SENSORS IN LIFT GATE	$165.00
PTC LG-TG-DUPLICATE	Tommy Gate Duplicate Turn Signal LED Light Kit.	$2,190.00

ABG FABRICATION

ABG TG13-PU27	Tommy Gate G2-60-1342-TP 27, 1300 LB capacity, 27" platform, 4" taper, need year, make and model, Includes camera relocation/installation if present. Requires new hitch if present	$4,335.00

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ABG TG13-PU38	Tommy Gate G2-60-1342-TP38, 1300 LB capacity, 38" platform, 4" taper, need year make and model, Includes camera relocation/installation if present. Requires new hitch if present	$4,600.00
ABG TG13-PU42	Tommy Gate G2-60-1342-TP42, 1300 LB capacity, 42" platform, 7" taper, need year make and model, Includes camera relocation/installation if present. Requires new hitch if present	$4,720.00
ABG TG13-PU27AL	Tommy Gate G2-60-1342-EA27, 1300 LB capacity, 27" platform, 6" taper, aluminum platform, need year make and model, Includes camera relocation/installation if present. Requires new hitch if present	$5,295.00
ABG TG13-PU38AL	Tommy Gate G2-60-1342-EA38, 1300 LB capacity, 38" platform, 6" taper, aluminum platform, need year make and model, Includes camera relocation/installation if present. Requires new hitch if present	$5,530.00
ABG TG13-PU48AL	Tommy Gate G2-60-1342-EA48, 1300 LB capacity, 48" platform, 6" taper, aluminum platform, need year make and model, Includes camera relocation/installation if present. Requires new hitch if present	$5,955.00

SMYRNA TRUCK CENTER

FB CAMERA-LG	FACTORY CAMERA INSTALL IN LIFT GATE	$485.00
FB REVERSE-LG	FACTORY REVERSE SENSOR RELOCATE TO LIFT GATE.	$485.00
FB LG13-PU	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 55" x 27"+ 4" for Pickup Trucks	$4,750.00
FB LG13-PU-2PC	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 55" x 38"+ 4" 2- PC for Pickup Trucks	$5,020.00
FB LG15-PU	Tommy Dual Hyd Cylinder Lift 1500 lb Capacity 55" x 27"+ 4" for Pickup Trucks	$5,020.00
FB LG15-PU-2PC	Tommy Dual Hyd Cylinder Lift 1500 lb Capacity 55" x 38"+ 4" 2- PC for Pickup Trucks	$5,290.00

UTILITY BODY GATES

Knapheide

K LG13-SB	Maxon C2-54-1342 TP27 1300 lb capacity service body lift gate 49" x 27"+ 4" (includes duplicate STT lights).	$4,965.00
K LG13-2PC-SB	Maxon C2-54-1342 TP38 1300 lb capacity service body lift gate 49" x 38"+ 4" 2- PC (includes duplicate STT lights).	$5,225.00
K LG16-SB	Maxon C2-54-1642 TP27 1600 lb capacity service body lift gate 49" x 27"+ 4" (includes duplicate STT lights).	$5,225.00
K LG16-2PC-SB	Maxon C2-54-1642 TP38 1600 lb capacity service body lift gate 49" x 38"+ 4" 2- PC (includes duplicate STT lights).	$5,490.00

DVA

DVA LG13-SB	Maxon C2-54-1342 TP27 Direct Cylinder Lift 1300 lb Capacity 49" x 27"+ 4" for Service Bodies (includes duplicate STT lights).	$5,260.00
DVA LG13-SB-2PC	Maxon C2-54-1342 TP38 Direct Cylinder Lift 1300 lb Capacity 49" x 38"+ 4" 2- PC for Service Bodies (includes duplicate STT lights).	$5,500.00
DVA LG16-SB	Maxon C2-54-1542 TP27 Direct Cylinder Lift 1600 lb Capacity 49" x 27"+ 4" for Service Bodies (includes duplicate STT lights).	$5,260.00
DVA LG16-SB-2PC	Maxon C2-54-1542 TP38Direct Cylinder Lift 1600 lb Capacity 49" x 38"+ 4" 2- PC for Service Bodies (includes duplicate STT lights).	$5,500.00

Reading

AF LG13-SB	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 49" x 27"+ 4" for Service Bodies	$7,210.00
AF LG13-SB-2PC	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 49" x 38"+ 4" 2- PC for Service Bodies	$7,680.00
AF LG16-SB	Tommy Dual Hyd Cylinder Lift 1600 lb Capacity 49" x 27"+ 4" for Service Bodies	$7,860.00
AF LG16-SB-2PC	Tommy Dual Hyd Cylinder Lift 1600 lb Capacity 49" x 38"+ 4" 2- PC for Service Bodies	$8,040.00

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Premier

PTC LG13-SB	Tommy Gate G2-54-1342 TP27 Direct Cylinder Lift 1300 lb Capacity 49" x 27"+ 4" Service Body Liftgate	$4,575.00
PTC LG13-2PC-SB	Tommy Gate G2-54-1342 TP38 Direct Cylinder Lift 1300 lb Capacity 49" x 38"+ 4" 2- PC Service Body Liftgate	$4,860.00
PTC LG16-SB	Tommy Gate G2-54-1642 TP27 Direct Cylinder Lift 1600 lb Capacity 49" x 27"+ 4" Service Body Liftgate	$4,865.00
PTC LG16-2PC-SB	Tommy Gate G2-54-1642 TP38 Direct Cylinder Lift 1600 lb Capacity 49" x 38"+ 4" 2- PC Service Body Liftgate	$5,135.00
PTC LG-TG-DUPLICATE	Tommy Gate Duplicate Turn Signal LED Light Kit.	$2,190.00

ABG FABRICATION

ABG TG13-SB27	Tommy Gate G2-60-1342-TP 27, 1300 LB capacity, 27" platform, 4" taper, Includes camera relocation/installation if present. Requires new hitch if present	$4,570.00
ABG TG13-SB38	Tommy Gate G2-60-1342-TP38, 1300 LB capacity, 38" platform, 4" taper, Includes camera relocation/installation if present. Requires new hitch if present	$4,830.00
ABG TG13-SB42	Tommy Gate G2-60-1342-TP42, 1300 LB capacity, 42" platform, 7" taper, Includes camera relocation/installation if present. Requires new hitch if present	$4,945.00
ABG TG13-SB27AL	Tommy Gate G2-60-1342-EA27, 1300 LB capacity, 27" platform, 6" taper, aluminum platform, Includes camera relocation/installation if present.Requires new hitch if present	$5,520.00
ABG TG13-SB38AL	Tommy Gate G2-60-1342-EA38, 1300 LB capacity, 38" platform, 6" taper, aluminum platform, Includes camera relocation/installation if present. Requires new hitch if present	$5,760.00
ABG TG13-SB48AL	Tommy Gate G2-60-1342-EA48, 1300 LB capacity, 48" platform, 6" taper, aluminum platform,Includes camera relocation/installation if present. Requires new hitch if present	$6,185.00
ABG TG16-SB27	Tommy Gate G2-60-1642-TP 27, 1600 LB capacity, 27" platform, 4" taper, Includes camera relocation/installation if present. Requires new hitch if present	$4,570.00
ABG TG16-SB38	Tommy Gate G2-60-1642-TP38, 1600 LB capacity, 38" platform, 4" taper, Includes camera relocation/installation if present. Requires new hitch if present	$4,830.00
ABG TG16-SB42	Tommy Gate G2-60-1642-TP42, 1600 LB capacity, 42" platform, 7" taper, Includes camera relocation/installation if present. Requires new hitch if present	$4,945.00
ABG TG16-SB27AL	Tommy Gate G2-60-1642-EA27, 1600 LB capacity, 27" platform, 6" taper, aluminum platform, Includes camera relocation/installation if present. Requires new hitch if present	$5,520.00
ABG TG16-SB38AL	Tommy Gate G2-60-1642-EA38, 1600 LB capacity, 38" platform, 6" taper, aluminum platform, Includes camera relocation/installation if present. Requires new hitch if present	$5,760.00
ABG TG16-SB48AL	Tommy Gate G2-60-1642-EA48, 1600 LB capacity, 48" platform, 6" taper, aluminum platform, Includes camera relocation/installation if present. Requires new hitch if present	$6,470.00

ROYAL TRUCK

RTB LG13-SB	Maxon Steel C2-54-1342 TP38 1300 lb capacity service body lift gate 49" x 38"+ 4" 2- PC (includes credit for tailgate & duplicate STT lights).	$5,020.00
RTB LG16-SB	Maxon Steel C2-60-1342 TP27 1600 lb capacity pick up truck liftgate 55" x 27"+ 4" (includes credit for tailgate & duplicate STT lights).	$5,130.00
RTB LG13-SB-AL	Maxon Aluminum C2-54-1342 TP38 1300 lb capacity service body lift gate 49" x 38"+ 4" 2- PC (includes credit for tailgate & duplicate STT lights).	$5,605.00
RTB LG16-SB-AL	Maxon Aluminum C2-54-1642 TP38 1300 lb capacity service body lift gate 49" x 38"+ 4" 2- PC (includes credit for tailgate & duplicate STT lights).	$6,245.00

SMYRNA TRUCK CENTER

FB LG13-SB	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 49" x 27"+ 4" for Service Bodies	$4,750.00

ALAN JAY FLEET SALES

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FB LG13-SB-2PC	Tommy Dual Hyd Cylinder Lift 1300 lb Capacity 49" x 38"+ 4" 2- PC for Service Bodies	$5,020.00
FB LG16-SB	Tommy Dual Hyd Cylinder Lift 1600 lb Capacity 49" x 27"+ 4" for Service Bodies	$5,020.00
FB LG16-SB-2PC	Tommy Dual Hyd Cylinder Lift 1600 lb Capacity 49" x 38"+ 4" 2- PC for Service Bodies	$5,290.00

STAKE / VAN BODY GATES

Knapheide

K LG12-ST36-RG	Thieman TVL-125 1250 lb capacity rail gate 85" x 36"+ 5" (includes duplicate STT lights).	$7,535.00
K LG16-ST35-RG	Maxon C2-92-1650 TP35 1600 lb flat bed, stake and van body lift gate 87" x 35"+ 6" (includes duplicate STT lights).	$6,585.00
K LG16-ST41-RG	Maxon C2-92-1650 TP41 1600 lb flat bed, stake and van body lift gate 87" x 41"+ 6" (includes duplicate STT lights).	$6,985.00
K LG16-AL37-RG	Maxon C2-92-1650 EA37 1600 lb flat bed, stake and van body lift gate 87" x 37"+ 6" aluminum platform (includes duplicate STT lights).	$7,605.00
K LG16-AL41-RG	Maxon C2-92-1650 EA41 1600 lb flat bed, stake and van body lift gate 87" x 41"+ 6" aluminum platform (includes duplicate STT lights).	$8,100.00

Reading

AF LG16-STAKE-ST	Tommy Dual Hyd Cylinder Liftgate 1600 lb Capacity 87" x 41"+ 6" for Flatbed, Stake and Van Bodies	$7,365.00
AF LG16-STAKE-AL	Tommy Dual Hyd Cylinder Liftgate 1600 lb Capacity 85" x 41"+ 6" Aluminum Platform for Flatbed, Stake and Van Bodies	$8,935.00
AF LG20-RG	Thieman Cable Drive Liftgate 2000 lb Capacity 90" x 42"+ 5" rail gate for Flatbed, Stake and Van Bodies	$9,975.00
AF LG30-RG	Thieman Cable Drive Liftgate 3000 lb Capacity 90" x 42"+ 5" rail gate for Flatbed, Stake and Van Bodies	$11,440.00

Premier

PTC LG16-ST35-RG	Tommy Gate G2-92-1650 TP35 1600 lb Capacity 87" x 35"+ 6", for flatbed, & stake bodies	$5,850.00
PTC LG16-ST41-RG	Tommy Gate G2-92-1650 TP41 1600 lb Capacity 87" x 41"+ 6", for flatbed, & stake bodies	$6,220.00
PTC LG16-AL37-RG	Tommy Gate G2-92-1650 EA37 1600 lb Capacity 87" x 37"+ 6" Aluminum Platform, for flatbed, & stake bodies	$6,885.00
PTC LG16-AL41-RG	Tommy Gate G2-92-1650 EA41 1600 lb Capacity 87" x 41"+ 6" Aluminum Platform, for flatbed, & stake bodies	$7,385.00
PTC LG-TG-DUPLICATE	Tommy Gate Duplicate Turn Signal LED Light Kit.	$2,190.00

SMYRNA TRUCK CENTER

FB LG16-STAKE-ST	Tommy Dual Hyd Cylinder Liftgate 1600 lb Capacity 87" x 41"+ 6" for Flatbed, Stake and Van Bodies	$5,880.00
FB LG16-STAKE-AL	Tommy Dual Hyd Cylinder Liftgate 1600 lb Capacity 85" x 41"+ 6" Aluminum Platform for Flatbed, Stake and Van Bodies	$6,865.00

RAIL GATES

Knapheide

K LG16-ST36-RG	Thieman TVL-16 1600 lb capacity rail gate 90" x 36"+ 5" (includes duplicate STT lights).	$7,815.00
K LG20-ST36-RG	Thieman TVL-20 36+5 2000 lb capacity rail gate 90" x 36"+ 5" (includes duplicate STT lights).	$8,655.00
K LG20-ST42-RG	Thieman TVL-20 42+5 2000 lb capacity rail gate 90" x 42"+ 5" (includes duplicate STT lights).	$8,950.00
K LG30-ST36-RG	Thieman TVL-30 36+5 3000 lb capacity rail gate 90" x 36"+ 5" (includes duplicate STT lights).	$9,885.00
K LG30-ST42-RG	Thieman TVL-30 42+5 3000 lb capacity rail gate 90" x 42"+ 5" (includes duplicate STT lights).	$10,200.00

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Premier

PTC LG16-ST37-RG	Tommy Gate 89-16 TP37 1600 lb Capacity 89" x 37"+ 6". Railgate style for Stake and Van Body Applications.	$6,825.00
PTC LG20-ST37-RG	Tommy Gate 89-20 TP37 2000 lb Capacity 89" x 37"+ 6". Railgate style for Stake and Van Body Applications.	$7,310.00
PTC LG20-ST42-RG	Tommy Gate 89-20 TP42 2000 lb Capacity 89" x 42"+ 6". Railgate style for Stake and Van Body Applications.	$7,535.00
PTC LG30-ST36-RG	Tommy Gate 89-30 TP36 3000 lb Capacity 89" x 36"+ 12". Railgate style for Stake and Van Body Applications.	$10,290.00
PTC LG30-ST48-RG	Tommy Gate 89-30 TP48 3000 lb Capacity 89" x 48"+ 12". Railgate style for Stake and Van Body Applications.	$10,760.00
PTC LG-TG-DUPLICATE	Tommy Gate Duplicate Turn Signal LED Light Kit.	$2,190.00

SMYRNA TRUCK CENTER

FB LG20-RG	Thieman Cable Drive Liftgate 2000 lb Capacity 90" x 42"+ 5" rail gate for Flatbed, Stake and Van Bodies	$7,315.00
FB LG30-RG	Thieman Cable Drive Liftgate 3000 lb Capacity 90" x 42"+ 5" rail gate for Flatbed, Stake and Van Bodies	$8,330.00

TUCK UNDER GATES

Knapheide

K M-16	Theiman 1600 lb capacity dry freight tuckaway 72" x36"+ 6" (includes duplicate STT lights).	$7,545.00
K M-16 W	Theiman 1600 lb capacity dry freight tuckaway 72" x 42" Wedge min bed height 45" (includes duplicate STT lights).	$7,865.00
K M-20	Theiman 2000 lb capacity dry freight tuckaway 72" x36"+ 6" (includes duplicate STT lights).	$7,710.00
K M-20 W	Theiman 2000 lb capacity dry freight tuckaway 72" x 42" Wedge min bed height 45" (includes duplicate STT lights).	$8,065.00
K M-25	Theiman 2500 lb capacity dry freight tuckaway 72" x36"+ 6" (includes duplicate STT lights).	$8,455.00
K M-25 W	Theiman 2500 lb capacity dry freight tuckaway 72" x 42" Wedge min bed height 45" (includes duplicate STT lights).	$8,830.00
K M-30	Theiman 3000 lb capacity dry freight tuckaway 72" x36"+ 6" (includes duplicate STT lights).	$9,155.00
K MLB-16	Theiman 1600 lb capacity cutaway tuckaway 72" x32"+ 5" (includes duplicate STT lights).	$7,605.00
K MLB-16 W	Theiman 1600 lb capacity cutaway tuckaway 72" x 38" Wedge (includes duplicate STT lights).	$7,785.00
K MLB-20	Theiman 2000 lb capacity cutaway tuckaway 72" x32"+ 5" (includes duplicate STT lights).	$7,745.00
K MLB-20 W	Theiman 2000 lb capacity cutaway tuckaway 72" x 38" Wedge (includes duplicate STT lights).	$7,925.00

Reading

AF LG16-TUCK	Theiman Tuckaway Liftgate 1600 lb Capacity 72" x36"+ 6" (not compatible with cutaways).	$8,520.00
AF LG20-TUCK	Theiman Tuckaway Liftgate 2000 lb Capacity 72" x36"+ 6" (not compatible with cutaways).	$8,505.00
AF LG30-TUCK	Theiman Tuckaway Liftgate 3000 lb Capacity 72" x36"+ 6" (not compatible with cutaways).	$9,110.00

Premier

PTC LG20-TUCK-W	Dhollandia lift gate with 2,200lbs capacity, 38"+4" x 79" all aluminum platform, requires bed height minimum of: 37" - 44" (laden/unladen)	$6,690.00
PTC LG25-TUCK-W	Dhollandia lift gate with 2,500lbs capacity, 50" x 85" full aluminum platform, requires bed height minimum: 39" - 51" (laden/unladen).	$7,395.00

SMYRNA TRUCK CENTER

FB LG16-TUCK	Theiman Tuckaway Liftgate 1600 lb Capacity 72" x36"+ 6" (not compatible with cutaways).	$5,565.00

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FB LG20-TUCK	Theiman Tuckaway Liftgate 2000 lb Capacity 72" x36"+ 6" (not compatible with cutaways).	$5,565.00
FB LG30-TUCK	Theiman Tuckaway Liftgate 3000 lb Capacity 72" x36"+ 6" (not compatible with cutaways).	$6,080.00

TRANSFERRABLE LIFT GATE

ABG LG13-TRUCK	TruckGator Model, 1300 LBS, 40" platform, cart stop at 30". Mounts to standard receiver hitcj, can be moved from vehicle to vehilce with included wheels. NOTE: If using for service body, utility body, flatbed, or lifted trucks, must order TruckGator HX.	$8,015.00
ABG LG13-VAN	TruckGator Model, 1300 LBS, 40" platform, cart stop at 30". Mounts to standard receiver hitcj, can be moved from vehicle to vehilce with included wheels. NOTE: If using for Ram ProMaster, must order VanGator PM model.	$8,230.00

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KNAPHEIDE - KTEC

6' SINGLE REAR WHEEL

K 682J	Knapheide 6.5' utility body for Silverado with 41" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,500.00
K 682FJ	Knapheide 6.5' flip top utility body for Silverado 41" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,970.00

8'/9' SINGLE REAR WHEEL

K 696J	Knapheide 8' SRW utility body for 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,365.00
K 696FJ	Knapheide 8' SRW flip top utility body for 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,145.00
K 6108J	Knapheide 9' SRW utility body for 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,795.00
K 6108F	Knapheide 9' SRW utility body with flip top lids for 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,675.00

8' DUAL REAR WHEEL

K 696D54J	Knapheide 8' DRW utility body for 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,710.00
K 696D54FJ	Knapheide 8' DRW flip top utility body for 56" CA	$14,535.00

9' DUAL REAR WHEEL

K 6108DJ	Knapheide 9' DRW utility body for 60" CA[GM non-wide track only, not compatable with GTY] - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,460.00
K 6108DFJ	Knapheide 9' DRW flip top utility body for 60" CA [GM non-wide track only, not compatable with GTY] - (CHEVY NON-GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,440.00
K 6108D54J	Knapheide 9' DRW Wide utility body 54" Load Floor for 60" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,850.00
K 6108D54FJ	Knapheide 9' DRW Wide utility body with Flip Tops 54" Load Floor for 60" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,840.00

11' DUAL REAR WHEEL

K 6132D54J	Knapheide 11' DRW Wide utility body 54" Load Floor for 84" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,520.00
K 6132D54FJ	Knapheide 11' DRW Wide utility body with Flip Tops 54" Load Floor for 84" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$17,250.00

11' DUAL REAR WHEEL MEDIUM DUTY

K 6133HC	Knapheide 11' DRW utility body for 84" CA medium duty chassis. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$27,280.00

11' DUAL REAR WHEEL LCF

K 6127D-LCF-G	Knapheide 11' DRW utility body for 86.5 CA Chevy Low Cab Forward GAS (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,300.00
K 6127D-LCF-D	Knapheide 11' DRW utility body for 86.5 CA Chevy Low Cab Forward DIESEL(Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$23,135.00
K KC127H2089-LCF	Knapheide 11' DRW Enclosed service body body for 86.5 CA Chevy Low Cab Forward (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$27,625.00

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Knapheide Light Cranes

K CE6K-3 (3/5)	Venturo 2000lb Electric Mast Folding Crane 6,000 ft - lbs crane with 2,000lb lifting capacity. Includes 3'-5' manual boom, adjustable 13 - 19" boom rest, 150 amp circuit breaker, includes bumper reinforcement & jack leg.	$8,425.00
K CE6K-3 (4/7)	Venturo 2000lb Electric Mast Folding Crane 6,000 ft - lbs crane with 2,000lb lifting capacity. Includes 4'-7' manual boom, adjustable 13 - 19" boom rest, 150 amp circuit breaker, includes bumper reinforcement & jack leg.	$8,425.00
K EC3200-LD	Stellar 3200lb EH 11,500 ft. lb. crane with hydraulic extension 7 - 11ft, manual extension 11 - 15 ft, adj boom rest 18 - 26" 150 amp circuit breaker, single side spring build up, crane reinforcement, manual outriggers, and additional battery in crane compartment.	$31,235.00
K ET8KX-LD	Venturo 3,200lb EH 8,000 ft. lb. crane with hydraulic elevation, hydraulic boom extension 6-10 ft, manual boom extension 10-14 ft, adj boom rest 13 - 19", 150 amp circuit breaker, single side spring build up, crane reinforcement, manual outriggers, and additional battery in crane compartment.	$32,800.00

Knapheide Trailering

K 4 WIRE	4 prong trailer wiring	$130.00
K 6 WIRE	6 prong utility trailer wiring	$250.00
K 7/4 WIRE	7 way flat camper trailer wiring with 4 prong flat	$215.00
K CLV-SB	Class V Hitch for Service Body	$990.00
K PTL-CC	Frame mount or ICC mount w/o Pintle for cab chassis.	$635.00
K PTL2	Tow Pintle combo with 2" Ball to mount in receiver	$355.00
K PTL2516	Tow Pintle combo with 2 & 5/16" Ball to mount in receiver	$395.00
K PTL15	15 ton Pintle for frame mount.	$260.00
K PTL 20	20 ton Pintle for frame mount	$325.00

Knapheide Accessories

K CAMERA	INSTALL FACTORY ORDERED CAMERA IN UTILITY BODY.	$375.00
K BUA	Back up alarm	$225.00
K FFK-G	Knapheide Fuel Fill Kit for pickup bed removal applications with GAS engine.	$415.00
K FFK-D	Knapheide Fuel Fill Kit for pickup bed removal applications with DIESEL engine.	$550.00
K SHROUD	BODY COMPANY TO PROVIDE SHROUD ON BACK OF BODY TO PROTECT TRAFFIC ADVISOR (48"W X 1.9"T X 2.5"D). SHROUD TO BE PAINTED ALONG WITH BODY AND LOCATED BETWEEN SLAM GATE AND REAR BUMPER.	$135.00
K GM-SGL	*GM Diesel Only - Relocate DEF Tank for Diesel Chevy/GMC 3500 Cab Chassis ordered with factory single rear fuel tank.	$605.00
K NOTCH-DUAL	* Diesel Only notch utility body to accommodate DEF Tank on Dual Fuel Tank applications (Will affect Interior Compartment Size)	$900.00
K MLS-6	Master locking system 6-door bodies	$940.00
K RKE-6	Remote keyless entry 6-door bodies	$1,905.00
K TH6	T-Handle Latches 6-door bodies	$625.00
K MLS-8	Master locking system 8-door bodies	$1,040.00
K RKE-8	Remote keyless entry 8-door bodies	$2,480.00
K TH8	T-Handle Latches 8-door bodies	$790.00

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K WW DELETE	Delete wheel well notches on DRW utility Body (NO CHARGE).	$0.00
K 21 WB	Knapheide 21" HD Work Bumper with storage access on each side, includes Integrated HD Class V Receiver Hitch.	$5,835.00
K 2CONE	Furnish and Install (2) Custom Tow Hook Mounted Cone Holders (F-Series Only).	$1,140.00
K BED REIN	Bed reinforcement for mast crane.	$1,920.00
K BUMP REIN	Bumper reinforcement for mast crane.	$1,365.00
K COOLER	Furnish and Install Aluminum Rack AND 5 Gallon Water Cooler	$335.00
K CONE	Furnish and Install (1) Custom Tow Hook Mounted Cone Holder (F-Series Only)	$835.00
K STEP	Furnish and Install (1) Flexible Stirrup Step under rear bumper	$340.00
K GRAB	Furnish and Install (1) Contoured Grab Handle to top of Work Bumper and back of body	$760.00

Knapheide Cab Shields

K BR 15###	BACK RACK 15### INSTALLED ON KNAPHEIDE UTILITY BODY.	$705.00
K AL HAR	KTEC Alum Headach Rack (Octagonal)	$1,500.00
K AL HAR-MLBM	KTEC Alum Headach Rack (Octagonal) with mini light bar mount.	$1,635.00
K AL HAR-2BM	KTEC Alum Headach Rack (Octagonal) with dual beacon mounts.	$1,600.00
K AL HAR-LBM	KTEC Alum Headach Rack (Octagonal) with center mount for full size light bar.	$1,635.00
K AL HAR MD	KTEC Aluminum Headache Rack (Octagonal) for Medium Duty Trucks (Chevy 4500-6500 & Ford F-650-750).	$1,560.00
K BR LBM	BACK RACK LIGHT BAR FEET 91006	$400.00
K HAR ML	MINI LIGHT BAR PLATE	$210.00
K HAR B2	DUAL BEACON MOUNTS	$130.00

Knapheide Racks

K 8AMR-SS	SINGLE SIDE BUMPER TO TOP OF WINDSHIELD Crew Cab 8' Pick Up or Utility Bed, Aluminum Material Rack - expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube construction.	$3,245.00
K 8AMR-SS-BB	SINGLE SIDE BUMPER TO BUMPER 8' Pick Up or Utility Bed, Aluminum Material Rack Crew Cab 8' Pick Up or Utility Bed, -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube construction.	$4,730.00
K 8AMR	BACK BUMPER TO TOP OF WINDSHIELD 8' Pick Up or Utility Bed, Aluminum Material Rack For P/U beds & 8' Service Bodies Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear Cross Bar Removable. 1-1/2" Aluminum Square Tube construction.	$3,785.00
K 8AMR-BB	BUMPER TO BUMPER Aluminum Material Rack For P/U beds & 8' Service Bodies, Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear Cross Bar Removable. 1-1/2" Aluminum Square Tube construction.	$6,210.00
K 9AMR-SS	SINGLE SIDE BUMPER TO TOP OF WINDSHIELD 9' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube construction.	$3,245.00
K 9AMR-SS-BB	SINGLE SIDE BUMPER TO BUMPER 9' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube construction.	$4,730.00
K 9AMR	BACK BUMPER TO TOP OF WINDSHIELD 9' Utility Bed, Aluminum Material Rack For 9' Service Bodies Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube construction.	$3,785.00
K 9AMR-BB	BUMPER TO BUMPER Aluminum Material Rack, For 9' Service Bodies, Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube construction.	$6,200.00

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K 11AMR-SS	SINGLE SIDE BUMPER TO TOP OF WINDSHIELD 11' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube construction.	$3,620.00
K 11AMR-SS-BB	SINGLE SIDE BUMPER TO BUMPER 11' Utility Bed, Aluminum Material Rack -expanded metal from cab forward on bottom, sides, and front. 1-1/2" Aluminum Square Tube construction.	$5,195.00
K 11AMR	BACK BUMPER TO TOP OF WINDSHIELD 11' Utility Bed, Aluminum Material Rack For 11' Service Bodies Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube construction.	$4,250.00
K 11AMR-BB	BUMPER TO BUMPER Aluminum Material Rack For 11' Service Bodies, Rack with Expanded metal from cab forward over cab bottom, front and sides, to the Windshield. Racks for Service Bodies will be as Wide as the Bed Area (not Body) Rear & Center Cross Bar Removable. 1-1/2" Aluminum Square Tube construction.	$6,675.00
K WG 1425-3	SERVICE BODY SIDE LADDER RACK	$2,145.00

READING - CORP

6' SINGLE REAR WHEEL

AF 78-SW	6.8' Reading Classic II SRW utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 40" CA Single Rear Wheel Includes pickup box credit.	$12,945.00

8'/9' SINGLE REAR WHEEL

AF SLU98-SW	8' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,845.00
AF SLU98-SW-FTL	8' Reading Standard Line utility body factory powder coated white with FLIP TOP LIDS & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,555.00
AF 98-SW	8' Reading Classic II utility body reading classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,325.00
AF 98-SW-FTL	8' Reading Classic II utility body reading classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,225.00
AF 108-SW	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,420.00
AF 108-SW-FTL	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,290.00

8' DUAL REAR WHEEL

AF 98-DW	8' Reading Classic II DRW utility body reading classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,255.00
AF 98-DW-FTL	8' Reading Classic II DRW utility body reading classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,975.00

9' DUAL REAR WHEEL

AF SLU108-DW	9' Reading Standard Line DRW utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,550.00
AF 108-DW	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,860.00
AF SLU108-DW-FTL	9' Reading Standard Line utility body factory powder coated white with FLIP TOP LIDS & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,755.00
AF 108-DW-FTL	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,150.00

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11' DUAL REAR WHEEL

AF SLU132-DW	11' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,410.00
AF 132-DW	11' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,340.00
AF SLU132-DW-FTL	11' Reading Standard Line utility body factory powder coated white with FLIP TOP LIDS & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,690.00
AF 132-DW-FTL	11' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,280.00

11' DUAL REAR WHEEL MEDIUM DUTY

AF 132ADW-ULTIMATE	11' Reading High Profile steel service body, 50" high side compartments, powder coat white with hidden hinges, nitrogen strut door holders, slam action tailgate and recessed pooched bumper (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$22,375.00

Reading Accessories

AF CAMERA	FACTORY CAMERA INSTALL IN UTILITY BODY	$265.00
AF FFK	FUEL FILL KIT FOR BOX REMOVAL	$570.00
AF DEF-RELOCATE	*GM Diesel Only - Relocate DEF Tank for Diesel Chevy/GMC 3500 Cab Chassis ordered with factory single rear fuel tank.	$410.00
AF DEF-NOTCH	*Diesel Only notch utility body to accommodate DEF Tank on Dual Fuel Tank applications (Will affect Interior Compartment Size)	$795.00
AF TH-6	UPGRADE STANDARD LINE 8'-9' UTILITY BODY TO STAINLESS STEEL 3 POINT T-HANDLE LATCHES	$1,335.00
AF RKE-6	LATCH MATIC REMOTE LOCKING SYSTEM FOR 8'-9' UTILITY BODIES	$1,810.00
AF MLS-6	MASTER LOCKING SYSTEM FOR 8'-9' UTILITY BODIES.	$705.00
AF MLS-8	MASTER LOCKING SYSTEM FOR 11' UTILITY BODIES	$980.00
AF RKE-8	LATCH MATIC REMOTE LOCKING SYSTEM FOR 11' UTILITY BODIES	$2,260.00
AF CLV-SB	HITCH PLATE WITH RECEIVER HITCH	$980.00
AF 7/4WIRE	7/4 WAY TRAILER RECEPTACLE	$260.00
AF RAISED	Increase height of curbside front to 60" H and add O/A bottle bracket ILO shelves (CSV1 - 9', CSV2 - 11')	$995.00
AF GRAB-2	(2) REAR GRAB HANDLES	$570.00
AF 6-DRAWER	6-Drawer unit ILO shelves in Roadside 1st Vertical	$2,825.00
AF VICE6	WILTON 1765 6" VISE, INSTALL ON C/S OF BUMPER	$1,340.00
AF COOLER	5 Gal Water Cooler & Rack - installed on roadside rear compartment	$350.00
AF CONE	Cone holder, horizontal, rear bumper mount, curbside	$125.00

READING SPRAY LINERS

AF USOB8	HD SPRAY ON BED LINER APPLIED TO FLOOR, BULKHEAD, AND SIDE WALLS OF 6.5' - 8' UTILITY BODY.	$1,170.00
AF USOB8-TB	HD SPRAY ON BED LINER APPLIED TO FLOOR, BULKHEAD, CARGO AREA, AND TOPS OF BOXES ON 6.5' - 8' UTILITY BODY.	$1,760.00
AF USOB9	HD SPRAY ON BED LINER APPLIED TO FLOOR, BULKHEAD, AND SIDE WALLS OF 9' UTILITY BODY.	$1,315.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

AF USOB9-TB	HD SPRAY ON BED LINER APPLIED TO FLOOR, BULKHEAD, CARGO AREA, AND TOPS OF BOXES ON 9' UTILITY BODY.	$1,905.00
AF USOB11	HD SPRAY ON BED LINER APPLIED TO FLOOR, BULKHEAD, AND SIDE WALLS OF 11' UTILITY BODY	$1,655.00
AF USOB11-TB	HD SPRAY ON BED LINER APPLIED TO FLOOR, BULKHEAD, CARGO AREA, BUMPER AND TOPS OF BOXES ON 11' UTILITY BODY	$2,890.00

READING CAB SHIELD

AF AL HAR	Reading Aluminum Cab Shield Headache rack, installed.	$1,195.00
AF AL HAR LBM	Reading Aluminum Cab Shield Headache rack with light bar mount feet, installed.	$905.00

Reading Light Cranes

ABG LM-L21S-7	Liftmoore folding style 2000 lb crane with removable pendant control, includes jackstand for outrigger.	$7,500.00

PREMIER UTILITY BODIES

8'/9' SINGLE REAR WHEEL

PTC WS298-SRW	Warner 8' SRW Powder Coated Utility Body for 56" CA Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,605.00
PTC WS298-SRW -FLIP	Warner 8' SRW Powder Coated Utility Body for 56" CA with Flip-top option. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$10,730.00

8' DUAL REAR WHEEL

PTC WS298-DRW	Warner 8' DRW Powder Coated Utility Body for 56" CA Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,910.00
PTC WS298-DRW-FLIP	Warner 8' DRW Powder Coated Utility Body for 56" CA with Flip-top option. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,990.00

9' DUAL REAR WHEEL

PTC WS2108-DRW	Warner 9' DRW Powder Coated Utility Body for 60" CA Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,715.00
PTC WS2108-DRW-FLIP	Warner 9' DRW Powder Coated Utility Body for 60" CA with Flip-top option. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,220.00

11' DUAL REAR WHEEL

PTC WS2132	Warner 11' DRW Powder Coated Utility Body for 84" CA Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,950.00
PTC WS132-FLIP	Warner 11' DRW Powder Coated Utility Body for 84" CA with Flip-top option. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,245.00

Premier Light Cranes

PTC CE6K-3-BED	2000lb Electric mast folding crane 6,000 ft-lb rated crane with 2,000lb lifting capacity. Includes, crane side spring buildup, jack leg, 50 amp circuit breaker includes bed reinforcing for installation in pickup bed.	$8,500.00
PTC CE6K-3-BUMP	2000lb Electric Mast Folding Crane 6,000 ft - lbs crane with 2,000lb lifting capacity. Includes, Crane Side Spring Buildup, Jack leg, 50 amp circuit breaker, includes reinforced rear bumper for installation on service body bumper.	$8,500.00

Premier Accessories

PTC 6-DRING	D-Rings (6)	$410.00
PTC MLS6	Master Locking System for 6-door bodies.	$750.00
PTC-MLS8	Master Lock System for 8-door body.	$810.00

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PTC THDL6	T-Handle Latches for 6-door bodies.	$1,030.00
PTC THDL8	T-Handle Latches for 8-door bodies.	$1,290.00
PTC GM-SGL	*GM Diesel Only - Relocate DEF Tank for Diesel Chevy/GMC 3500 Cab Chassis ordered with factory single rear fuel tank.	$750.00
PTC NOTCH-DUAL	* Diesel Only notch utility body to accommodate DEF Tank on Dual Fuel Tank applications (Will affect Interior Compartment Size)	$1,500.00
PTC-ML	Add for master lock system, for crane reinforced service body	$1,380.00
PTC-OXY-BGH	Add for OXYGEN & ACETYLENE BOTTLE GAS HOLDERS.	$615.00
PTC-BROOKLYN-8/9	Brooklyn Bars for 8'-9' Body	$1,060.00
PTC-BROOKLYN-11	Brooklyn Bars for 11' Body	$1,125.00

Premier Trailering

PTC 4WIRE	4 prong trailer wiring	$165.00
PTC 6WIRE	6 prong utility trailer wiring	$165.00
PTC 7/4WIRE	7 way flat camper trailer wiring	$180.00
PTC CLV-SB	Class V trailer hitch for service bodies 20K rating with 2 1/2" receiver.	$1,310.00
PTC PTL-MNT	Frame mount 3/4" plate for Pintle with 20 ton pintle.	$2,685.00

STAHL / CM - ABG

6.5' SINGLE REAR WHEEL

ABG SB6.5-SRW	ABG 6.5' SRW CM service Body, standard boxes (tall front and rear, middle box AKA V pack) component style body, bedliner on floor, rock impact zone, and bumper. Vice holder in bumper, LED lighting. (Truck brand specific) Can add pop tops or master locks as needed. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,145.00

8' SINGLE REAR WHEEL

ABG SB8-SRW	ABG 8' SRW CM service Body, standard boxes (tall front and rear, middle box, AKA V pack) component style body, bedliner on floor, rock impact zone, and bumper. Vice holder in bumper, LED lighting. Can add pop tops or master locks as needed. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,145.00
ABG SB8-DRW	ABG 8' DRW CM service Body, standard boxes (tall front and rear, middle box, AKA V pack) component style body, bedliner on floor, rock impact zone, and bumper. Vice holder in bumper, LED lighting. Can add pop tops or master locks as needed. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,605.00

9' DUAL REAR WHEEL

ABG SB9-DRW	ABG 9' DRW CM service Body, standard boxes (tall front and rear, middle box, AKA V pack) component style body, bedliner on floor, rock impact zone, and bumper. Vice holder in bumper, LED lighting. Can add pop tops or master locks as needed. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,525.00

11' DUAL REAR WHEEL

ABG SB11-DRW	ABG 11' DRW CM service Body, standard boxes (tall front and rear, middle box, AKA V pack) component style body, bedliner on floor, rock impact zone, and bumper. Vice holder in bumper, LED lighting. Can add pop tops or master locks as needed. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$17,055.00

ABG Light Cranes

ABG LM206RELS	LIFTMOORE 2,000LB (6500 Ft.-Lb.) rated crane suited for mounting on ¾ ton trucks where the safety of power rotation and the convenience of power elevation are required. Hydraulic boom elevates from 0 degrees to +75 degrees by means of a double acting cylinder that incorporates an integrally mounted counterbalance valve for safest operation. Rotation is unlimited on a ball bearing slewing ring. A low speed high torque hydraulic motor driving a worm type gear set powers the rotation. (Includes jackstand for outrigger)	$15,005.00

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ABG Accessories

ABG CTECH-8-9DRW-H	C Tech drawers for horizontal toolbox, features 2 thin drawers	$1,855.00
ABG CTECH-8-9DRW-H	C Tech drawers for horizontal toolbox, features 2 thin drawers	$5,405.00
ABG CTECH-9DRW-R	C Tech drawers for rear toolbox, features 2 tall, 1 medium, and 3 thin drawers	$3,315.00
ABG CTECH-11DRW-F	C Tech drawers for rear toolbox, features 2 tall, 1 medium, and 3 thin drawers	$3,315.00
ABG CLIV-PU	Furnish and install replacement hitch for pickup truck (or bed deletes) that is compatible with Tommy Gate. 2" receiver tube.	$1,235.00
ABG CLV-HD	2.5" Receiver HD hitch, independently rated for 20K LBS, includes 4 way square and 7 way round plugs	$1,105.00
ABG TRI-BALL	2 5/16 (14K), 2" (10K), and 1 7/8 (6K) Straight hitch	$170.00
ABG 2516-3DROP	2.5" shaft 2 5/16 ball, 3" drop, 15K rated	$155.00
ABG MLS	Master locking system, sliding for padlock, installed.	$795.00
ABG CTECH-8SRW-F	C Tech tool drawers for front, vertical toolbox, features 4 thin tool drawers and some space below for additional storage.	$2,225.00
ABG CTECH-8SRW-R	C Tech tool drawers for rear vertical toolbox, features 1 tall, 4 medium drawers, some space below for additional storage	$2,230.00
ABG CTECH-8DRW-F	C Tech tool drawers for front toolbox, features 1 tall, 1 medium, and 4 thin drawers	$3,550.00
ABG CTECH-8DRW-R	C Tech drawers for rear toolbox, features 1 X Tall, 2 tall, 3 medium drawers	$3,020.00
ABG CTECH-9DRW-F	C Tech drawers for rear toolbox, features 1 X Tall, 1 tall, 1 medium and 3 thin drawers	$3,055.00
ABG CTECH-11DRW-H	C Tech drawers for horizontal toolbox, features 2 thin drawers	$2,000.00
ABG FTL-8SRW	Pop top for 8 SRW Service Body, installed. Priced per side	$2,110.00
ABG FTL-8DRW	Pop top for 8 DRW Service Body, installed. Priced per side	$1,665.00
ABG FTL-9DRW	Pop top for 9 DRW Service Body, installed. Priced per side	$2,990.00
ABG FTL-11DRW	Pop top for 11 DRW Service Body, installed. Priced per side	$2,470.00

READING - DVA

6.5' SINGLE REAR WHEEL

DVA 78ASW	6.5' Reading Classic II SRW utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 42" CA Single Rear Wheel GM 2500, Includes pickup box credit.	$14,180.00
DVA 82FASW	6.5' Reading Classic II SRW utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 40" CA Single Rear Wheel Ford, Includes pickup box credit.	$14,180.00

8'/9' SINGLE REAR WHEEL

DVA SLU98ASW	8' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,350.00
DVA SLU98ASW SML	8' Reading Standard Line utility body factory powder coated white with flip top lids & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,570.00

8' DUAL REAR WHEEL

DVA 98ADW	8' Reading Classic II DRW utility body reading classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 56" CA dual rear wheel	$13,570.00

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9' DUAL REAR WHEEL

DVA 108ADW	9' Reading Classic II DRW utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 60" CA dual rear wheel	$14,180.00
DVA SLU108ADW	9' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req 60" CA	$13,570.00

11' DUAL REAR WHEEL

DVA SLU132ADW	11' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req 84" CA	$15,400.00
DVA 132ADW	11' Reading Classic II DRW utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 84" CA dual rear wheel	$16,620.00

DVA Accessories

DVA BUA	Back up alarm, installed.	$205.00
DVA BUS-RR	TRANSFER FACTORY REAR SENSORS TO LIFT GATE	$345.00
DVA CAMERA	Dealer installed factory ordered camera	$310.00
DVA CAMERA RR	Remove and re-install factory camera from tailgate.	$310.00
DVA CLIV	Class IV Trailer Hitch and 7-pin round wire harness.	$905.00
DVA COMP 6-LED	LED compartment lights installed in all compartments of 8' or 9' service body.	$1,240.00
DVA COMP 6-LED-AB	LED compartment lights installed in all compartments of 8' or 9' service body with one side long horizontal compartment.	$1,240.00
DVA GM-SGL	*GM Diesel Only - Relocate DEF Tank for Diesel Chevy/GMC 3500 Cab Chassis ordered with factory single rear fuel tank.	$435.00
DVA ML-78-98-SW/DW	Master Locking System (installed at Reading)	$880.00
DVA NOTCH-DUAL	* Diesel Only notch utility body to accommodate DEF Tank on Dual Fuel Tank applications (Will affect Interior Compartment Size)	$375.00
DVA LM RSV 132	Latch Matic Remote Locking System (installed at Reading)	$2,750.00
DVA LM-98-108	Latch Matic Remote Locking System (installed at Reading)	$2,500.00

BRAND FX

6.5' SINGLE REAR WHEEL

ABG BFX6.5-SRW	6.5' Brand FX fiberglass service body for short bed SRW pickup. Floor width 48.75, pack height 42", aluminum under structure, aluminum treadplate floor, stainless steel hardware, flow through ventilation system. One shelf in each box, adjustable, shelf dividers save curb side rear, 3 hooks in rear box, full LED lighting kit. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Can be used on CHEVY/GMC 1500	$18,290.00

8' SINGLE REAR WHEEL

ABG BFX8-SRW	Brand FX fiberglass service body for 8' SRW pickup. Standard V pack configuration. Floor width 48.75, pack height 42", aluminum under structure, aluminum treadplate floor, stainless steel hardware, flow through ventilation system. One shelf in each box, adjustable, shelf dividers save curb side rear, 3 hooks in rear box, full LED lighting kit. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Can be used on CHEVY/GMC 1500	$18,290.00
ABG BFX8-DRW	Brand FX fiberglass service body for 8' DRW pickup. Standard V pack configuration. Floor width 48.75, pack height 42", aluminum under structure, aluminum treadplate floor, stainless steel hardware, flow through ventilation system. One shelf in each box, adjustable, shelf dividers save curb side rear, 3 hooks in rear box, full LED lighting kit. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Can be used on CHEVY/GMC 1500	$18,630.00

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9' DUAL REAR WHEEL

ABG BFX9-DRW	9' Brand FX fiberglass service body for 84" CA Chassis. Standard V pack configuration with floor width 54", pack height 42", aluminum under structure, aluminum treadplate floor, stainless steel hardware, flow through ventilation system. One shelf in each box, adjustable, shelf dividers save curb side rear, 3 hooks in rear box. Full LED lighting kit. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,630.00

11' DUAL REAR WHEEL

ABG BFX11-DRW	11' Brand FX fiberglass service body for 84" CA Chassis. Standard V pack configuration with floor width 54", pack height 42", aluminum under structure, aluminum treadplate floor, stainless steel hardware, flow through ventilation system. One shelf in each box, adjustable, shelf dividers save curb side rear, 3 hooks in rear box. Full LED lighting kit. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$21,150.00

GENERAL ACCESSORIES

ALAN JAY FLEET

AJ COMP 6-LED	LED compartment lights installed in all compartments of 8' or 9' service body.	$795.00
AJ COMP 6-LED-AB	LED compartment lights installed in all compartments of 8' or 9' service body with one side long horizontal compartment.	$795.00
AJ COMP 8-LED	LED compartment lights installed in all compartments of 11' service body	$1,030.00
AJ COMP-8LED-AB	LED compartment lights installed in all compartments of 11' service body with one side long horizontal compartment.	$1,060.00

ROYAL TRUCK BODY

8'/9' SINGLE REAR WHEEL

RTB RS8SRW-FTL	8' Long, Royal Steel XP Single Rear Wheel Standard Flip/Open Top Service Body w/ Huck® Bobtail Fastening System for SRW, 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,140.00
RTB RS8SRW-FTL-MLS	8' Long, Royal Steel XP Single Rear Wheel Standard Flip/Open Top Service Body w/ Huck® Bobtail Fastening System for SRW, 56" CA w/ Internal Master Lock System (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,595.00
RTB DM8SRW-AL	Duramag 8' Single Rear Wheel Aluminum Service Body 80" x 104" Standard S-Series Service Body (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,295.00
RTB RS9SRW-FTL	9' Single Rear Wheel Royal Steel 80" x 108" Standard Flip/Open Top Service Body (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,220.00
RTB RS9SRW-FTL-MLS	9' Single Rear Wheel Royal Steel 80" x 108" Standard Flip/Open Top Service Body w/ Internal Master Locks (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,100.00
RTB DM9SRW-AL	Duramag 9' Single Rear Wheel Aluminum 80" x 113" Standard S-Series Service Body (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$19,600.00

8'/9' DUAL REAR WHEEL

RTB RS9DRW-FTL	9' Long, Royal Steel XP Dual Rear Wheel Standard Service Body Standard Service Body w/ Huck® Bobtail Fastening System for DRW, 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,795.00
RTB RS9DRW-FTL-MLS	9' Long, Royal Steel XP Dual Rear Wheel Standard Service Body Standard Service Body w/ Huck® Bobtail Fastening System for DRW, 60" CA w/ Internal Master Lock System (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,375.00
RTB DM8DRW-AL	Duramag 8' Dual Rear Wheel Aluminum Service Body 94" x 104" Standard S-Series Service Body (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$19,165.00
RTB DM9DRW-AL	Duramag 9' Dual Rear Wheel Aluminum 94" x 113" Standard S-Series Service Body (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$17,250.00

11' DUAL REAR WHEEL

RSV11S75	11' Long, Royal Service Van w/ 75" Inner Height & 54" Wide x 60" High Clear Door Opening for SRW Chevy Express Cutaway (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,860.00

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RSV11D75	11' Long, Royal Service Van w/ 75" Inner Height & 54" Wide x 60" High Clear Door Opening for DRW Chevy Express Cutaway (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$22,740.00
RTB DM11DRW-AL	Duramag 11' Dual Rear Wheel Aluminum 94" x 137" Standard S-Series Service Body (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,795.00

ROYAL ACCESSORIES

RTB CLV-SB	Class V Hitch for Service Body with 7/4 wire trailer connector.	$1,420.00
RTB CLV-FB	Class V Hitch for Flatbed Body with 7/4 wire trailer connector.	$1,275.00
RTB CAMERA	Installation of back up camera to interact with factory display.	$715.00
RTB RP8SB	Rackpack For 8' Service Body - Includes 18" Lighted Service Body Rack, 8' Rail Kit, 72" Extension Bar and 20" Rail Kit Compatible Rear Rack	$3,025.00
RTB RP9SB	Rackpack For 9' Service Body - Includes 18" Lighted Service Body Rack, 9' Rail Kit, 72" Extension Bar and 20" Rail Kit Compatible Rear Rack	$3,160.00
RTB RP11SB	Rackpack For 11' Service Body - Includes 18" Lighted Service Body Rack, 11' Rail Kit, 72" Extension Bar and Qty (2) 20" Rail Kit Compatible Rear Rack	$3,665.00
RTB RSBLR-8SRW	Royal 8' SRW Service Body Ladder Rack Forklift Loadable, Over-Cab Rack for 8' Long body on a Reg Cab, SRW Chassis	$2,335.00
RTB RSBLR-8SRW-EL	Royal 8' SRW Service Body Ladder Rack Forklift Loadable, Over-Cab Rack for 8' Long body on an Extended or Crew Cab, SRW Chassis	$2,440.00
RTB RSBLR-9SRW	Royal 9' SRW Service Body Ladder Rack Forklift Loadable, Over-Cab Rack for 8' Long body on a Reg Cab, SRW Chassis	$4,925.00
RTB RSBLR-9SRW-EL	Royal 9' DRW Service Body Ladder Rack Forklift Loadable, Over-Cab Rack for 8' Long body on an Extended or Crew Cab, SRW Chassis	$5,210.00

READING - SMYRNA TRUCK CENTER

6.5' SINGLE REAR WHEEL

FB 82-SW	6.5' Reading Classic II SRW utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 40" CA Single Rear Wheel Includes pickup box credit.	$12,715.00

8'/9' SINGLE REAR WHEEL

FB SLU98-SW	8' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,595.00
FB SLU98-SW-FTL	8' Reading Standard Line utility body factory powder coated white with FLIP TOP LIDS & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,320.00
FB 98-SW	8' Reading Classic II utility body reading classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,085.00
FB 98-SW-FTL	8' Reading Classic II utility body reading classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,825.00
FB 108-SW	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,705.00
FB 108-SW-FTL	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,915.00

8' DUAL REAR WHEEL

FB 98-DW	8' Reading Classic II utility body reading classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,590.00
FB 98-DW-FTL	8' Reading Classic II utility body reading classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,335.00

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9' DUAL REAR WHEEL

FB SLU108-DW	9' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,925.00
FB 108-DW	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,410.00
FB SLU108-DW-FTL	9' Reading Standard Line utility body factory powder coated white with FLIP TOP LIDS & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,215.00
FB 108-DW-FTL	9' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,700.00
FB 108ADW-HD	9' Reading HD Classic II utility body service body powder coat white with SST paddle latches for medium duty domestic trucks (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.	$18,230.00

11' DUAL REAR WHEEL

FB SLU132-DW	11' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,625.00
FB 132-DW	11' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,590.00
FB SLU132-DW-FTL	11' Reading Standard Line utility body factory powder coated white with FLIP TOP LIDS & SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,960.00
FB 132-DW-FTL	11' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches and FLIP TOP LIDS (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$21,925.00
FB 132ADW-HD	11' Reading HD Classic II utility body service body powder coat white with SST paddle latches for medium duty domestic trucks (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$22,410.00

ACCESSORIES

FB DEF-RELOCATE	*GM Diesel Only - Relocate DEF Tank for Diesel Chevy/GMC 3500 Cab Chassis ordered with factory single rear fuel tank.	$760.00
FB TH-6	UPGRADE STANDARD LINE 8'-9' UTILITY BODY TO STAINLESS STEEL T-HANDLE LATCHES	$120.00
FB RKE-6	LATCH MATIC REMOTE LOCKING SYSTEM FOR 8'-9' UTILITY BODIES	$1,445.00
FB MLS-6	MASTER LOCKING SYSTEM FOR 8'-9' UTILITY BODIES.	$855.00
FB TH-8	UPGRADE STANDARD LINE 11' BODY TO INCLUDE STAINLESS STEEL T-HANDLE LATCHES.	$155.00
FB MLS-8	MASTER LOCKING SYSTEM FOR 11' UTILITY BODIES	$985.00
FB RKE-8	LATCH MATIC REMOTE LOCKING SYSTEM FOR 11' UTILITY BODIES	$1,645.00
FB 6DR-SLIDE	STEEL SLIDING TOP FOR 8'-9' UTILITY BODIES	$3,510.00

COMPARTMENT LIGHTING OPTIONS

FB COMP 6-LED	LED compartment lights installed in all compartments of 8' or 9' service body.	$995.00
FB COMP 6-LED-AB	LED compartment lights installed in all compartments of 8' or 9' service body with one side long horizontal compartment.	$995.00
FB COMP 8-LED	LED compartment lights installed in all compartments of 11' service body	$1,235.00
FB COMP-8LED-AB	LED compartment lights installed in all compartments of 11' service body with one side long horizontal compartment.	$1,235.00

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WARNER - SMYRNA TRUCK CENTER

8' SINGLE REAR WHEEL

STC WS298-SRW	Warner 8' SRW Powder Coated Utility Body for 56" CA Furnished and installed by Smyrna Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,320.00

8' DUAL REAR WHEEL

STC WS298-DRW	Warner 8' DRW Powder Coated Utility Body for 56" CA Furnished and installed by Smyrna Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,220.00

9' DUAL REAR WHEEL

STC WS2108-DRW	Warner 9' DRW Powder Coated Utility Body for 60" CA Furnished and installed by Smyrna Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,115.00

11' DUAL REAR WHEEL

STC WS2132	Warner 11' DRW Powder Coated Utility Body for 84" CA Furnished and installed by Smyrna Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,045.00

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SINGLE REAR WHEEL

Knapheide

K KC96L1478	KNAPHEIDE 8' SRW Enclosed body, 97.25" Length, 68" Height, 14.5" Deep Compts, 44.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,860.00
K KC96M1478	KNAPHEIDE 8' SRW Enclosed body, 97.25" Length, 78" Height, 14.5" Deep Compts, 44.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$21,470.00
K KC96U1478	KNAPHEIDE 8' SRW Enclosed Body, 97.25" Length, 62" Height, 14.5" Deep Compts, 44.5" Wide Rear Door, 44.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,610.00

Reading

AF TPA50-98 SW	8' Reading Steel Panel Body, 50" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 56" CA Single Rear Wheel Ford	$24,025.00
AF TPA50-108SW	9' Reading Steel Panel Body, 50" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 60" CA Single Rear Wheel Ford	$23,025.00
AF TPA60-108SW	9' Reading Steel Panel Body, 60" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 60" CA Single Rear Wheel Ford	$23,320.00

SMYRNA TRUCK CENTER

FB SL132-RVAN57-SRW	11" Steel Standard Line Ready Van enclosed service body factory powder coated white with 57" height and SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req single rear wheel Ford E series cutaway or GM Express cutaway chassis.	$19,220.00

DUAL REAR WHEEL

Knapheide

K KC96H2094	KNAPHEIDE 8' DRW Enclosed body, 97.25" Length, 90" Height, 20" Deep Compts, 49.5" Wide Rear Door, 72.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$23,455.00
K KC96L2094	KNAPHEIDE 8' DRW Enclosed body, 97.25" Length, 68" Height, 20" Deep Compts, 49.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$22,290.00
K KC96M2094	KNAPHEIDE 8' DRW Enclosed body, 97.25" Length, 78" Height, 20" Deep Compts, 49.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$22,885.00
K KC96U2094	KNAPHEIDE 8' DRW Enclosed body, 97.25" Length, 62" Height, 20" Deep Compts, 49.5" Wide Rear Door, 44.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$21,720.00
K KC108H2094	KNAPHEIDE 9' DRW Enclosed body, 107.25" Length, 90" Height, 20" Deep Compts, 49.5" Wide Rear Door, 72.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$24,815.00
K KC108L2094	KNAPHEIDE 9' DRW Enclosed Body 107.25" Length, 68" Height, 20" Deep Compts, 49.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$23,645.00
K KC108M2094	KNAPHEIDE 9' DRW Enclosed body, 107.25" Length, 78" Height, 20" Deep Compts, 49.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$24,215.00
K KC132H2094	KNAPHEIDE 11' DRW Enclosed body, 133.25" Length, 90" Height, 20" Deep Compts, 49.5" Wide Rear Door, 72.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$27,580.00
K KC132L2094	KNAPHEIDE 11' DRW Enclosed Body, 133.25" Length, 68" Height, 20" Deep Compts, 49.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$26,400.00
K KC132M2094	KNAPHEIDE 11' DRW Enclosed body, 133.25" Length, 78" Height, 20" Deep Compts, 49.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$26,975.00

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Reading

AF TPA50-108DW	9' Reading Steel Panel Body, 50" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 60" CA Dual Rear Wheel Ford	$24,505.00
AF TPA60-108DW	9' Reading Steel Panel Body, 60" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 60" CA Dual Rear Wheel Ford	$24,550.00
AF TPA72-108DW	9' Reading Steel Panel Body, 72" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 60" CA Dual Rear Wheel Ford	$26,525.00
AF TPA60-132DW	11' Reading Steel Panel Body, 60" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 84" CA Dual Rear Wheel Ford	$30,150.00
AF TPA72-132DW	11' Reading Steel Panel Body, 72" Interior Height, Tapered Top w/3 full length shelves, 2 LED Cargo Lights, factory powder coated white (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req's 84" CA Dual Rear Wheel Ford	$33,530.00

SMYRNA TRUCK CENTER

FB SL132-RVAN75-DRW	11" Steel Standard Line Ready Van enclosed service body factory powder coated white with 75" height and SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Req dual rear wheel Ford E series cutaway or GM Express cutaway chassis.	$20,830.00

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PALPRO CRANE BODIES & CRANES

9' CRANE BODY

PP PCB20-108-3216	PALPRO PCB 20 Series 9' heavy duty galvannealed steel crane body with Palfinger PSC3216E crane. Includes 19" treadplate bumper with outrigger cross tube, treadplate steps, and recess for integrated 16,000 lb. rated 2" hitch receiver tube (not compatible with vise mount options), manual out (crane side) crank down stabilizers standard right rear crane mounting compartment, compartment tops reinforced with structural angle, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments, fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated. Adjustable aluminum divider trays in compartments. Master Locking system installed. Palfinger model PSC 3216E telescopic service crane; 12,500 ft. lbs., 16' reach capability, one hydraulic / one manual extension, 4,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat and crane tie down bolt kit, single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 60" CA and 10,001 lb GVWR.	$58,520.00
PP PCB20-108-4025	PALPRO PCB 20 Series 9' heavy duty galvannealed steel crane body with Palfinger 4025E crane. Includes 19" treadplate bumper with outrigger cross tube, treadplate steps, and recess for integrated 16,000 lb. rated 2" hitch receiver tube (not compatible with vise mount options), manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, compartment tops reinforced with structural angle, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments, fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system installed, Palfinger model PSC 4025E telescopic service crane; 18,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 4,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 60" CA and 10,001 lb GVWR.	$68,360.00
PP PCB20-108CS-4025	PALPRO PCB 20 Series 9' heavy duty galvannealed steel crane body with Palfinger 4025E crane. Includes 19" treadplate bumper with outrigger cross tube, treadplate steps, and recess for integrated 16,000 lb. rated 2" hitch receiver tube (not compatible with vise mount options), manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, compartment tops reinforced with structural angle, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments with curbside 1st raised to 60"H for Oxy/act Bottles, tank bracket for 2 tanks, cargo area wall mounted, compartment vented, fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system installed, Palfinger model PSC 4025E telescopic service crane; 18,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 4,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 60" CA and 10,001 lb GVWR.	$67,160.00
PP PCB39-108-5025	PALPRO PCB 39 Series 9' heavy duty galvannealed steel crane body with Palfinger 5025E crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" Top Plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White interior coating, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system, Palfinger model PSC 5025E telescopic service crane; 32,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 5,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 60" CA and 14,500 lb GVWR.	$81,715.00

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PP PCB39-108CS-5025	PALPRO PCB 39 Series 9' heavy duty galvannealed steel crane body with Palfinger 5025E crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" Top Plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments, with curbside 1st raised to 60"H for Oxy/act Bottles, tank bracket for 2 tanks, cargo area wall mounted, compartment vented fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White interior coating, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system, Palfinger model PSC 5025E telescopic service crane; 32,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 5,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 60" CA and 14,500 lb GVWR.	$83,615.00

11' CRANE BODY

PP PCB20-132-3216	PALPRO PCB 20 Series 11' heavy duty galvannealed steel crane body with Palfinger PSC3216E crane. Includes 19" treadplate bumper with outrigger cross tube, treadplate steps, and recess for integrated 16,000 lb. rated 2" hitch receiver tube (not compatible with vise mount options), manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, compartment tops reinforced with structural angle, eight (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments, fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated. Adjustable aluminum divider trays in compartments, Master locking system installed, Palfinger model PSC 3216E telescopic service crane; 12,500 ft. lbs., 16' reach capability, one hydraulic / one manual extension, 4,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 10,001 lb GVWR.	$59,865.00
PP PCB20-132-4025	PALPRO PCB 20 Series 11' heavy duty galvannealed steel crane body with Palfinger 4025E crane. Includes 19" treadplate bumper with outrigger cross tube, treadplate steps, and recess for integrated 16,000 lb. rated 2" hitch receiver tube (not compatible with vise mount options), manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, compartment tops reinforced with structural angle, six (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments, fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system installed, Palfinger model PSC 4025E telescopic service crane; 18,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 4,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 10,001 lb GVWR.	$70,185.00
PP PCB20-132CS-4025	PALPRO PCB 20 Series 11' heavy duty galvannealed steel crane body with Palfinger 4025E crane. Includes 19" treadplate bumper with outrigger cross tube, treadplate steps, and recess for integrated 16,000 lb. rated 2" hitch receiver tube (not compatible with vise mount options), manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, compartment tops reinforced with structural angle, six (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments with curbside 1st raised to 60"H for Oxy/act Bottles, tank bracket for 2 tanks, cargo area wall mounted, compartment vented, fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system installed, Palfinger model PSC 4025E telescopic service crane; 18,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 4,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 10,001 lb GVWR.	$69,080.00
PP PCB39-132-5025	PALPRO PCB 39 Series 11' heavy duty galvannealed steel crane body with Palfinger 5025E crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White interior coating, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system, Palfinger model PSC 5025E telescopic service crane; 32,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 5,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 14,500 lb GVWR.	$84,420.00

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PP PCB39-132CS-5025	PALPRO PCB 39 Series 11' heavy duty galvannealed steel crane body with Palfinger 5025E crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments with curbside 1st raised to 60"H for Oxy/act Bottles, tank bracket for 2 tanks, cargo area wall mounted, compartment vented, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White interior coating, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system, Palfinger model PSC 5025E telescopic service crane; 32,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 5,000 Lb. vertical lift capacity, - 5 to +80 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 14,500 lb GVWR.	$87,420.00
PP PCB39-132-6025	PALPRO PCB 39 Series 11' heavy duty galvannealed steel crane body with Palfinger PSC6025E crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, six (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM white interior coating, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system , Palfinger model PSC 6025E telescopic service crane; 38,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 6,000 Lb. vertical lift capacity, - 25 to +75 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 14,500 lb GVWR.	$92,070.00
PP PCB39-132CS-6025	PALPRO PCB 39 Series 11' heavy duty galvannealed steel crane body with Palfinger PSC6025E crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear manual out (crane side) crank down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, six (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments with curbside 1st raised to 60"H for Oxy/act Bottles, tank bracket for 2 tanks, cargo area wall mounted, compartment vented, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM white interior coating, understructure and bottom of compartments undercoated, adjustable aluminum divider trays in compartments, master locking system , Palfinger model PSC 6025E telescopic service crane; 38,500 ft. lbs., 25' reach capability, two hydraulic powered extensions, 6,000 Lb. vertical lift capacity, - 25 to +75 degree boom elevation, double acting cylinders with load holding valves on all cylinders, overload shutdown system, radio remote control, decals, crane hook, load line block, Ecoat prime, finish paint white topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA and 14,500 lb GVWR.	$89,445.00
PP PCB43-132-8029	PALPRO PCB 43 Series 11' heavy duty galvannealed steel crane body with Palfinger PSC8029 crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear power out (crane side) power down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, gas door shocks, eight (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mud flap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM white interior coating, understructure and bottom of compartments undercoated, Palfinger Model PSC 8029 telescopic mechanic field service crane; 43,000 ft./lbs. rating, 400 degree rotation, 29' hydraulic reach capability, 8,000 Lb. vertical lift capacity, -10 to +80 degree boom elevation, double acting cylinders with integrated load holding valves on all cylinders, four-spool remote control valve, overload shutdown system, hydraulic planetary drive winch with spring loaded roller, end layering limit switch and integral two-block damage prevention system, radio remote control, decals, crane hook, load line block, white and black finish pain, adjustable aluminum divider trays in compartments, master locking system, roll out drawer combination-aluminum (Streetside V1), PRC45V rotary screw hydraulic 45 cfm air compressor, topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA, PTO provision, and 19,500 lb GVWR.	$120,070.00

ALAN JAY FLEET SALES

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PP PCB72-132 - 10829	PALPRO PCB 72 Series 11' heavy duty galvannealed steel crane body with Palfinger PSC10829 crane. Includes 30" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear power out (crane side) power down stabilizers, standard 52" high right rear crane mounting compartment, double panel steel doors, gas door shocks, 14" double panel tailgate, two (2) grab handles, 30" workbench bumper with through compartment, 5/16" plate work surface and recess for 30,000 lb pintle hitch with integrated 2" hitch receiver tube 16,000 lb rated, a fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mud flap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White white interior coating, understructure and bottom of compartments undercoated, Palfinger model PSC 10829 telescopic mechanic field service crane; 62,000 ft./lbs. rating, 400 degree rotation, 29' hydraulic reach capability, 10,800 Lb. vertical lift capacity, -10 to +80 degree boom elevation, double acting cylinders with integrated load holding valves on all cylinders, four-spool remote control valve, overload shutdown system, hydraulic planetary drive winch with spring loaded roller, end layering limit switch and integral two-block damage prevention system, radio remote control, decals, crane hook, line block, white and black finish paint Adjustable Aluminum divider trays in compartments, master locking system, roll out drawer combination - aluminum (streetside V1), PRC45V rotary screw hydraulic 45 cfm air compressor, finish topcoat single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA, PTO provision, and 25,999 lb GVWR.	$139,180.00
PP PCB43-132CS-8029	PALPRO PCB 43 Series 11' heavy duty galvannealed steel crane body with Palfinger PSC8029 crane. Includes 21" workbench tailshelf with outrigger cross tube, through compartment, 1/4" top plate work surface and integrated 16,000 lb rated 2" hitch receiver tube & rear power out (crane side) power down stabilizers, standard right rear crane mounting compartment, all aluminum doors and hinges, gas door shocks, eight (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments with curbside 1st raised to 60"H for Oxy/act Bottles, tank bracket for 2 tanks, cargo area wall mounted, compartment vented, fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mud flap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM white interior coating, understructure and bottom of compartments undercoated, Palfinger Model PSC 8029 telescopic mechanic field service crane; 43,000 ft./lbs. rating, 400 degree rotation, 29' hydraulic reach capability, 8,000 Lb. vertical lift capacity, -10 to +80 degree boom elevation, double acting cylinders with integrated load holding valves on all cylinders, four-spool remote control valve, overload shutdown system, hydraulic planetary drive winch with spring loaded roller, end layering limit switch and integral two-block damage prevention system, radio remote control, decals, crane hook, load line block, white and black finish pain, adjustable aluminum divider trays in compartments, master locking system, roll out drawer combination-aluminum (Streetside V1), PRC45V rotary screw hydraulic 45 cfm air compressor, topcoat paint single stage common white. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Reqires 84" CA, PTO provision, and 19,500 lb GVWR.	$116,585.00

PALPRO ACCESSORIES

PP ADD LED-2	(2) ADDITIONAL LED LIGHTS, MOUNTED ON FRONT OF BODY FACING OUTWARD.	$260.00
PP ADD LED-4	(4) ADDITIONAL LED WORK LIGHTS, (2) MOUNTED ON FRONT OF BODY TO ILLUMINATE CARGO AREA AND (2) MOUNTED AT FRONT OF BODY FACING OUT TO ILLUMINATE WORKING AREA.	$525.00
PP BOOM-TIP	LED WORK LIGHTS MOUNTED ON HORSE HEAD OF BOOM TO ILLUMINATE HANGING WORKING AREA.	$1,590.00
PP CAB SHIELD	Cab shield with 52" rack height (measured top of headache rack to top of frame rail).	$1,215.00
PP FLOOD	LED flood light kit (two lights) - includes harnesses for up to 6 lights.	$2,155.00

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IMT CRANE BODIES & CRANES

11' CRANE BODY

QT DOM 1	DOMINATOR 1: IMT Series 3 Crane Body. Heavy duty galvannealed steel construction with standard right rear crane mount. 21" workbench bumper with through compartment, 1/4 inch plate work surface and recess for pintle hitch and hitch receiver tube. Electrical system is fully integrated and sealed incorporating an automotive style harness system with power and function distribution box. Body Primed and Painted. Standard Paint unless otherwise stated is Sherwin Williams Genesis. Inside of compartments are painted with IMT compartment coating and understructure is undercoated. Crane body rating of 52,000 ft-lbs. CONFIGURATION: 11' Body with 44" high compartments with raised right front first and second compartments to 60". INCLUDED: - Body Installation Kit for 19,500 GVW Chassis - 10" Fold Down Tailgate with single hand latch - Light Kit. LED High Intensity - Compartment Lights and (2) LED work lights - Install electrical harness - ICC Safety Kit IMT Model 7500 Series 3 Telescopic mechanic field service crane. 5 Sided Penta Boom design. Double acting cylinders with integral holding and/or counterbalance valves. Four section remote control valve. Proportional radio remote control. Planetary Winch boom mounted 60 ft/min. Flip sheave boom tip. Return filters, snatch block, anti-two-block device. Hydraulic overload shutdown system, decals and mounting kit. Crane is factory painted white with Axalta Imron Elite paint. Max Lift: 7,500 lbs. Max Reach: 22' Rotation: 400 Degrees INCLUDES: - Boom Support - Single Proportional Radio Remote (Toggle Switches) - LED Overload Indicator Lights - (1) Short and (1) Long Radio Elimination Cable. - LED Boom Tip Lights Compressor Boss BA440 Reciprocating Air Compressor. 40 CFM @ 100 PSI. 20 Gallon hotdog air tank kit. Reelcraft hose reel, 50' x 1/2". 1/2" Moisture Separator/Pressure Regulator/Oiler Hydraulics PTO, single stage pump, selector valve, 40 gallon hydraulic reservoir and return filter. (1) High pressure filter off the pump. Engine function module. Suspension Level Spring Suspension, Crane Side. Will level within 2" on empty truck. Compartments LV1: (3) 3"H Divided Adj. shelf 19"x33.50" (Includes 6 Dividers) LV2: (3) Standard Vertical 17.5" Shelf LH: (1) Standard Horizontal 49.5" Shelf LR: (3) Standard Vertical 25.5" Shelf RV1: (1) Divider Package. Oxy/Acet Bracket. Full Height Compartment Divider. (3) 17.5" Shelves. RV2: (3) Standard Vertical 17.5" Shelf RH: (1) Standard Horizontal 49.5" Shelf Outriggers Hydraulic down (both sides) and hydraulic out (crane side) rear outriggers for Dominator 1 package. Front outriggers. Paint Class: Single stage whites. Color: Paint Code: Body painted in house with Sherwin Williams products. Bedliner Standard: Black, Sherwin Williams polyurea applied to top of sidepacks, inside of load space and top of workbench bumper. Warranty All new equipment comes with a one year parts and labor warranty. Mileage charges for on-site service are not covered. OEM warranties may extend longer than one year. All warranty repairs must be performed by QT Equipment unless Written approval is obtained in advance. (Includes 2nd Stage MSO, Completed Vehicle Certificate, & Weight Slip).	$133,935.00
QT DOM DSC20	Dominator DSC20: 11' medium duty galvannealed steel crane body with standard right rear crane mount, 21" workbench bumper (Dominator style) with through compartment, 14" deep, 1/8" thick deck plate step bumper with 2" hitch receiver tube rated at 2000 lb vertical tongue weight and 16,000 lb gross trailer eight. 7 blade trailer light plug receptacle. 44" H x 22" D compartments, 24" above cargo bed constructed of 10 and 14 ga. material. Body offers 120.5 cubic feet of storage. Inverted A frame torsion box understructure. 14 ga. galvannealed, hemmed, seamless single panel steel doors, stainless steel hinges, pneumatic gas spring door retainers and cast steel black powder coated 3-point latches. Cargo bed is 50"W constructed of 1/8" deck plate and has six (6) recessed tie downs. Three point access package. Fully integrated and sealed electrical system incorporating an automotive style harness system with switch panel RR. Includes LED DOT stop, tail, turn, marker and backup body lights and backup alarm. Exterior primed, interior of compartments painted with IMT compartment coat and understructure undercoated. Molded rubber fender extensions and mudflaps. Crane body rating of 20,000 ft-lb for installation on 84" CA, 13,700 lb GVW – 19,500 lb GVW Chassis. Includes: - Installation Kit for 11' body - 10" fold down tailgate with single hand latch - Light kit - LED High Intensity -compartment Lights / (2) LED work lights - Install electrical harness on body - Additional Chassis Leaf Spring Kit - ICC Safety kit - Hydraulic installation kit for crane and compressor Crane Model 3203i telescopic mechanic field service crane: 12,000 ft/lb rating, 360 degree continuous power rotation, double-acting cylinders with integral holding and/or counterbalance valves, 12V DC electric control, decals, crane hook, snatch block, decals, and installation kit. One Hydraulic / One Manual Extension to 15'. Crane weight 635 lbs. Includes: - Single Proportional Radio Remove (Toggle Switches) Control - Boom Support. Level Spring Suspension, Crane Side. Will level within 2" on empty truck. LV1: (2) standard 33.62" Shelf Kit LV2: (2) Standard 17.5" Shelf Kit LH: (1) Standard 49.75" Shelf Kit LR: (2) Standard 25.75" Shelf Kit RV1: (2) Divider Package. Oxy/Acet Bracket. Full Height Compartment Divider. (3) 17.5" Shelves. RV2: (2) Standard 17.5" Shelf Kit RH: (1) Standard 49.75" Shelf Kit. Manual out (crane side), crank down (both sides) outriggers for DSC20 package. Paint Class: All Single Stage Shades of White Color: Paint Code: Body painted in house with Sherwin Williams products. Bedliner Standard Black Bedliner. Top of Sidepacks, inside of load space, top of work bench bumper. Warranty All new equipment comes with a one year parts and labor warranty. Mileage charges for on-site service are not covered. OEM warranties may extend longer than one year. All warranty repairs must be performed by QT Equipment unless written approval is obtained in advance. (Includes 2nd Stage MSO, Completed Vehicle Certificate, & Weight Slip). Requires 16k GVWR	$86,210.00

READING CRANE BODIES & CRANES

9' CRANE BODY

AF CM9-4K	Reading Classic II 9' (60" c/a) Reinforced Crane Body. Includes 8 shelves, pooched step bumper w/ recess, manual outriggers, mudflaps & MSO	$22,240.00

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AF RM-25	Reading RM-25 9' (60" c/a) Crane Body for cranes up to 25000 ft/lbs. Includes 12 shelves, slam tailgate, (4) D ring tie downs, manual outriggers, 21" Workbench bumper, 20K 2 1/2" Receiver, Trailer Plug, Rear steps, Vise plate, Mudflaps & Weight slip. Painted white.	$30,450.00
	11' CRANE BODY	
AF CM11-4K	Reading Classic II 11' (84" c/a) Reinforced Crane Body. Includes 8 shelves, pooched step bumper w/ recess, manual outriggers, mudflaps & MSO	$25,915.00
AF RM-25B	Reading RM-25 11' (84" c/a) Crane Body for cranes up to 25000 ft/lbs (most 5000 lb. cranes). Includes 12 shelves, slam tailgate, (6) D ring tie downs, manual outriggers, 21" Workbench bumper, 20K 2 1/2" Receiver, Trailer Plug, Rear steps, Vise plate, Mudflaps & Weight slip. Painted white.	$33,810.00
AF RM-35	Reading RM-35 11' (84" c/a) Crane Body for cranes up to 39000 ft/lbs. Includes integrated headache rack, 12 shelves, (2) grab handles, slam tailgate, powered outriggers. 21" Workbench bumper, 20K 2 1/2" Receiver, Trailer Plug, Rear steps, Vise plate, Spray in liner to cargo area & compartment tops, Mudflaps & Weight slip. Painted white.	$48,880.00
AF RM-45	Reading RM-45 11' (84" c/a) Crane Body for cranes up to 45000 ft/lbs. Includes integrated headache rack, 12 shelves, (2) grab handles, slam tailgate, powered outriggers. Painted white w/ black sprayliner applied to cargo area and compartment tops. Includes 21' Workbench bumper, Steps, C/S Vise plate, Lockable storage, spray liner, 20K 2 1/2" receiver, trailer plug, mudflaps and BCM reflash	$59,815.00
	3,000LB CLASS	
AF LM 3612REL-15	Liftmoore 3612REL-15 crane w/ wired remote - includes boom support, aux. battery, & spring reinforcement as needed	$18,475.00
AF P3216-E	Palfinger 3216E w/ wired remote - includes aux. battery & spring reinforcement as needed	$21,700.00
AF ST EC3200	Stellar EC3200 crane w/ wireless remote - includes boom support, aux. battery, & spring reinforcement as needed	$21,110.00
	4,000LB CLASS	
AF Stellar EC4000-16	Stellar EC4000-16 crane w / wireless remote - includes boom rest, aux. battery & spring reinforcement as needed	$24,695.00
	5,000LB CLASS	
AF STELLAR EC5000	Stellar 5000 lb Electric Hydraulic Crane Includes Boom Rest, Aux Battery & spring reinforcement	$28,545.00
AF P5025-E	Palfinger 5025E crane w/ wireless remote - aux. battery & spring reinforcement as needed	$28,785.00
AF LM 5000X-20	Liftmoore 5000X12-20 crane w/ wired remote - includes boom rest, aux. battery & spring reinforcement as needed	$30,315.00
AF LM 2550XP	Liftmoore 2550XP 5,000LB RATED hydraulic crane @25,000f-lbt w/ wired remote - includes manual outriggers, wet kit and spring reinforcement as needed (NOTE: Chassis must be ordered with PTO provision)	$39,170.00
	6,000LB CLASS	
AF P6025-E	Palfinger 6025E crane w/ wireless remote - aux. battery & spring reinforcement as needed	$31,065.00
AF STELLAR EC6000	Stellar EC6000 crane w/ wireless remote - aux. battery & spring reinforcement as needed	$30,980.00
AF P6025H	Palfinger 6025H hydraulic crane w/ radio remote - includes wet kit and spring reinforcement as needed (NOTE: Chassis must be ordered with PTO provision)	$42,365.00
	7,000LB CLASS	
AF STELLAR 7621	Stellar 7621 hydraulic crane w/ radio remote - includes wet kit and spring reinforcement as needed (NOTE: Chassis must be ordered with PTO provision)	$44,000.00
AF STELLAR 7630	Stellar 7630 hydraulic crane w/ radio remote - includes wet kit and spring reinforcement as needed (NOTE: Chassis must be ordered with PTO provision)	$46,555.00
	8,000LB CLASS	
AF P8029H	Palfinger 8029H hydraulic crane w/ radio remote - includes wet kit and spring reinforcement as needed (NOTE: Chassis must be ordered with PTO provision)	$46,790.00

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10,000LB CLASS

AF LM 1032XP	Liftmoore 1032XP 10,000LB Hydraulic crane w/ wired remote - Incl. boom rest, aux. battery & spring reinforcement	$32,670.00

KNAPHEIDE CRANE BODIES & CRANES

9' CRANE BODY

K 6108D54J-R	Knapheide 9' DRW crane body for 16,000 ft. lb. cranes. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 60" CA	$19,145.00
K 6108DL-30J	Knapheide 9' DRW crane body for 30,000 ft. lb. cranes. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 60" CA	$32,555.00
K 6108DLR-30J	Knapheide 9' DRW crane body for 30,000 ft. lb. cranes with raised curbside front comparment. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 60" CA	$33,820.00

11' CRANE BODY

K 6132D54J-R	Knapheide 11' DRW crane body for 16,000 ft. lb. cranes. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 84" CA	$21,705.00
K 6132DL-30J	Knapheide 11' DRW crane body for 30,000 ft. lb. cranes. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 84" CA	$34,875.00
K 6132DLR-30J	Knapheide 11' DRW crane body for 30,000 ft. lb. cranes with raised curbside front comparment. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 84" CA	$35,910.00
K 6132DLR-44J	Knapheide 11' DRW crane body for 44,000 ft lb rated cranes. Includes standard shelving, crane bumper with outriggers, integrated reciever hitch, raised front curbside compartmnt, and standard shelving. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 84" CA	$50,520.00

Knapheide Accessories

K ADD BATT	Additional battery with battery box, installed in crane compartment.	$1,190.00
K JACK	Knapheide Jack leg crane support, installed.	$695.00
K OUTRIGGERS	Rear stabilizer up to 55,000 ft-lbs, manual out/crank down - for Knapheide crane bodies only, painted black, weld-on - without reinforced cross tube	$3,690.00
K REINFORCE	Reinforcement for full crane.	$6,385.00
K SPU	Spring buildup.	$1,295.00

3,000LB CLASS

K EC3200-CC	Stellar 3200lb EH 11,500 ft. lb. crane with hydraulic extension 7 - 11ft, manual extension 11 - 15 ft, adj boom rest 18 - 26" 150 amp circuit breaker, single side spring build up, and additional battery in crane compartment (Requires DRW Crane Body).	$21,050.00
K ET12KX-CC	Venturo 3,500lb EH 12,000 ft. lb. crane with hydraulic boom extension 7 - 11 ft, manual boom extension 11 - 15 Ft, adj boom rest 13 - 19", 150 Amp Circuit Breaker, single side spring build up, and additional battery in crane compartment. (Requires DRW Crane Body).	$23,625.00
K EHC3-CC	Auto Crane 3200lb EH 10,000 ft. lb. crane with hydraulic extension 7 - 11ft, manual extension 11 - 15 ft, adj boom rest 18 - 26" 150 amp circuit breaker, single side spring build up, and additional battery in crane compartment (Requires DRW Crane Body).	$22,805.00

4,000LB CLASS

K EC4000-CC	Stellar 4000lb EH 16,000 ft. lb. crane with hydraulic extension 8 - 12ft, manual extension 12 - 16 ft, adj boom rest 18 - 26" 150 amp circuit breaker, single side spring build up, and additional battery in crane compartment (Requires DRW Crane Body).	$27,780.00
K ET16KX-CC	Venturo 4000lb EH 16,000 ft. lb. crane with hydraulic extension 8 - 12ft, manual extension 12 - 16 ft, adj boom rest 18 - 26" 150 amp circuit breaker, single side spring build up, and additional battery in crane compartment (Requires DRW Crane Body).	$28,400.00

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K ET18KX-CC	Venturo 4500lb EH 18,000 ft. lb. crane with hydraulic extension 8 - 12ft, manual extension 12 - 16 ft, adj boom rest 18 - 26" 150 Amp circuit breaker, single side spring build up, and additional battery in crane compartment (Requires Knapheide 30J Crane Body).	$29,265.00
K 4004 EH-CC	Auto Crane 4000lb EH 16,000 ft. lb. crane with hydraulic extension 8 - 12ft, manual extension 12 - 16 ft, adj boom rest 18 - 26" 150 amp circuit breaker, single side spring build up, and additional battery in crane compartment (Requires DRW Crane Body).	$27,780.00
	5,000LB CLASS	
K EC5000-CC	Stellar 5000lb EH 25,000 ft. lb. crane with hydraulic extension 10 - 15 ft, manual extension 15 - 20 ft, adj boom rest 18-26" single side spring build up on crane side, and 2 additional batteries in crane compartment (Requires Knapheide 30J Crane Body).	$30,610.00
K ET25KX-CC	Venturo 5000lb EH 25,000 ft. lb. crane with hydraulic extension 10 - 16 ft, manual extension 16 - 20 ft, adj boom rest 18-26" single side spring build up on crane side, and 2 additional batteries in crane compartment (Requires Knapheide 30J Crane Body).	$36,600.00
K 5005EH-CC	Auto Crane 5000lb EH 25,000 ft. lb. crane with hydraulic extension 10 - 15 ft, manual extension 15 - 20 ft, adj boom rest 18-26" single side spring build up on crane side, and 2 additional batteries in crane compartment (Requires Knapheide 30J Crane Body).	$33,630.00
	6,000LB CLASS	
K EC6000-CC	Stellar 6000lb EH 36,000 ft. lb. crane with hydraulic extension 11 - 16 ft, manual extension 16 - 21 ft, adj boom rest 18-26" single side spring build up on crane side, and 2 additional batteries in crane compartment (Requires Knapheide 44K Crane Body).	$33,765.00
K ET36KX-CC	Venturo 6000lb EH 36,000 ft. lb. crane with hydraulic extension 10 - 20 ft, adj boom rest 18-26" single side spring build up on crane side, and 2 additional batteries in crane compartment (Requires Knapheide 44K Crane Body).	$37,175.00
K 6006EH-CC	Auto Crane 6000lb EH 36,000 ft. lb. crane with hydraulic extension 10 - 20 ft, adj boom rest 18-26" single side spring build up on crane side, and 2 additional batteries in crane compartment (Requires Knapheide 44K Crane Body).	$35,405.00

PTC CRANE BODIES & CRANES

9' CRANE BODY

PTC WS2108 M DW CR	Warner 9' Powder Coated Crane Reinforced Utility Body for up to 4,000lb. crane with standard shelving, crane reinforcement, manual outriggers, and 12" work bench bumper. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,915.00
PTC VENTURO VP45-132-TTFCWBB	VENTURO PRO 9 CRANE SERVICE BODYUp to 8,000 lb. Body, Galvanized Steel, 84" CA Crane Body with Rear,Curbside reinforcement, 44" tall compartments, double-panel doors, interior cabinet LED strip lights, (4) ext. LED work lights, workbench bumper w/ 25100 cross tube and vise plate, rear grab handle, master lock system, upfitter switches, in-bed tie downs, DOT multifunctional taillights, adjustable shelving, bedliner, undercoating and white powder coat. For 19.5" tires.Hydraulic Crane: HT45KX-25 7800 lb Capacity / 12 ft - 25 ft Hyd Boom / Hyd Rot, Elev, Ext / ProportionalVLC Crane Control System PTO,tank, hoses, oil. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$129,995.00

11' CRANE BODY

PTC WS2132 M DW CR	Warner 11' Powder Coated Crane Reinforced Utility Body for up to 25,000 ft. lb. crane with standard shelving, crane reinforcement, manual outriggers, and 12" work bench bumper. Furnished and installed by Premier Truck Center (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$23,495.00

Premier Accessories

PTC 24962-PH	Add for Manual out/hydraulic down outriggers	$3,565.00
PTC 25100-PHX-SL	Add for full hydraulic outriggers (requires PTO).	$8,105.00
PTC-EH-OUTRIGGER	ADD FOR MANUAL OUT/HYDRAULIC DOWN OUTRIGGERS IN LIEU OF MANUAL OUT/MANUAL DOWN, 12V electric over hydraulic motor	$3,680.00
PTC-19WRKBMP	Add for 19" Work bench bumper with lockable storage	$4,475.00

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	3,000LB CLASS	
PTC ET6K	VENTURO E/H 2000lb Crane 6,000 ft-lb rated crane with 2,000lb lifting capacity. Hydraulic elevation/manual extension. Includes Adj 13 - 19" boom rest, crane side spring buildup, jack leg, 150 amp circuit breaker (Requires SRW/DRW body with crane reinforcement or crane body).	$17,240.00
PTC ET12KX	3500lb VENTURO E/H 12,000 ft/lb rated crane with hydraulic boom extension 7 - 11 ft, manual boom extension 11 - 15 ft, adjustable boom rest 13 - 19", crane side spring Buildup, 150 Amp circuit breaker, and wired pendant remote (Requires Crane Body).	$21,140.00
PTC PSC3216	Model PSC 3216 electric telescopic service crane continuous rotation, three-spool single proportional control valve, electric planetary drive winch and two-block damage prevention system, 12V power unit. Boom Rest, crane side spring buildup, additional battery	$22,895.00
PTC ET10KX	3200lb VENTURO E/H 10,000ft-lb rated crane with hydraulic boom extension 6 - 10 ft, manual boom extension 10 - 14 ft, adjustable boom rest 13 - 19", crane side spring buildup, additional battery, and wired pendant remote (Requires Crane Body).	$20,770.00
	4,000LB CLASS	
PTC PSC4016	Model PSC 4016 electric telescopic service crane continuous rotation, three-spool single proportional control valve, electric planetary drive winch and two-block damage prevention system, 12V power unit. Boom Rest, crane side spring buildup, additional battery	$28,665.00
PTC PSC4025	Model PSC 4025 electric telescopic service crane continuous rotation, three-spool single proportional control valve, electric planetary drive winch and two-block damage prevention system, 12V power unit. Boom Rest, crane side spring buildup, additional battery	$23,730.00
PTC ET16KX	4000lb VENTURO E/H 16,000 ft/lb rated crane with hydraulic boom extension 8 - 12 ft, manual boom extension 12 - 16 ft, adjustable boom rest 13 - 19", crane side spring buildup, 150 amp circuit breaker, and wired pendant remote (Requires Crane Body).	$23,250.00
	5,000LB CLASS	
PTC ET25KX	5000lb VENTURO E/H 25,000 ft/lb rated crane with hydraulic boom extension 10 - 16 ft, manual boom extension 16 - 20 ft, adjustable boom rest 13 - 19", crane side spring buildup, 150 amp circuit breaker, and wired pendant remote (Requires Crane Body).	$29,665.00
PTC PSC5025	Model PSC 5025 electric telescopic service crane continuous rotation, three-spool single proportional control valve, electric planetary drive winch and two-block damage prevention system, 12V power unit. Boom Rest, crane side spring buildup, additional battery	$36,720.00
	PALPRO	
PTC PCB20-108-3216	Palfinger model PSC 3216 telescopic service crane; 12,500 ft. lbs., 16' reach capability, one hydraulic / one manual extension, 4,000 Lb. vertical lift capacity PCB 20 Series 9' heavy duty galvannealed steel crane body with standard right rear crane mounting compartment, compartment tops reinforced with structural angle, six (6) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 40" high side compartments (optional compartments may be raised to 60" high with additional structural gusseting), a fully integrated and sealed automotive style harness kit, FMVSS 108 LED light and reflector kit, mudflap brackets, entire body electro coat (E-Coat) primer, understructure and bottom of compartments undercoated. Body installation kit for Class 3-5 chassis cab with 60" CA included for Ford, GM, and RAM. Designed to accept up to 20,000 ft./lbs. rated crane. 19" Treadplate Bumper with Outrigger Cross Tube, Treadplate Steps, and Recess for Integrated 16,000 lb. Rated 2" Hitch Receiver Tube, Boom rest, spring build up. Outriggers, powder coated white	$58,570.00
PTC PCB43-132-8029	Palfinger Model PSC 8029 telescopic mechanic field service crane; 43,000 ft./lbs. rating, 400 degree rotation, 29' hydraulic reach capability, 8,000 Lb. vertical lift capacity PCB 43 Series 11' heavy duty galvannealed steel crane body with standard right rear crane mounting compartment, all aluminum doors and hinges, gas door shocks, eight (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments (optional compartments may be raised to 60" high), a fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mud flap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White interior coating, understructure and bottom of compartments undercoated. Body installation kit - (for class 5 conventional chassis). Designed to accept up to 43,000 ft./lbs. rated crane for 84" CA, 19,500 Lb. GVWR chassis. 11' CS Raised - 44"H sidepacks, Curb side 1st and 2nd raised to 60"H, 21" Workbench Tailshelf with Outrigger Cross Tube, Through Compartment, 1/4" Top Plate Work Surface and Integrated 16,000 lb. Rated 2" Hitch Receiver Tube - Installed PRC45V CompressorCompressor and Components for PRC45V - 45 CFM @ 150 PSI; 100% Duty Cycle, hydraulic outriggers, boom rest, PTO, powder coated white, spring build up, master locks, Miller EnPak mounting bracket (machine not included), back up alarm	$120,640.00

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KNAPHEIDE KMT & CRANES

KMT1

K KMT-1	KMT-1 Mechanics truck 11' crane body with torq-isolator crane support system. Exclusive 12 stage K-coat protection, (6) recessed cargo tie-downs in floor - 6,000# capacity, LED stop/tail/turn lights and backuplights. 21" work surface bumper with thru compartment, (2) rear steps, vise plate & 2"receiver tube. Welder mounting plate street side rear top compartment. Hydraulics: PTO, hydraulic pump for crane, hydraulic reservoir with guard. Master Locking System, Cab Protector, (4) halogenwork lights installed, hydraulic out/hydraulic outriggers and 97db audiblealarm included. 44" high side packs and 60" high right front vertical comp with 3-pt t-handles. 7 drawer unit 1st verticle compartment, Gas bottle retainer, vented top & bottom. (Ship To Quincey IL)	$61,735.00
K 7621	STELLAR 7621 crane with 7,500lb capacity @ 44,840 ft.lb. rating, double-acting cyclinders w/integral holding valves, boom support, wireless remote with back up pendant control	$39,710.00

KMT2

K KMT-2	KMT-2 Mechanics truck 11' crane body with torq-isolator cranesupport system. Exclusive 12 stage K-coat protection, (6) recessed cargotie-downs in floor - 6,000# capacity, LED stop/tail/turn lights and backuplights. 24" work surface bumper with thru compartment, vise plate &pintle mount plate (pintle not included). PTO, hydraulic pump for crane, hydraulic reservoir with guard. Master Locking System, Cab Protector, (4) halogenwork lights installed, hydraulic out/hydraulic outriggers and 97db audiblealarm included. 60" high side packs with 3-pt T-handles. 7 drawerunit gas bottle retainer vented top & bottom. (Ship To Quincey IL) (MIN 26k GVWR).	$69,445.00
K STELL 10621	STELLAR 10621 crane with 10,000lb capacity @ 70,000 ft.lb. rating, double-acting cyclinders w/integral holding valves, boom support, wireless remote with back up pendant control	$40,345.00

KMT ACCESSORIES

K SOB KMT	Commercial grade spray-on bed liner applied to cargo floor, sides, compartment tops, bulkhead, tailgate & rear bumper.	$2,220.00
K BOSS36 COMP	Boss 36 CFM hydraulic compressor with Reelcraft 50'x1/2" hose reel and roller fairlead through the righ rear compartment FLR system and underbody air tank included with compressor.	$9,315.00

ABG CRANE BODIES & CRANES

9' CRANE BODY

ABG CM CB9	Furnish and install 9' CM Crane Body, standard VVS compartments, crane reinforced 60K Ft LB, workbench bumper, with through box. LED lighting for tail and running to DOT specs. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$24,565.00
ABG STI CB9	Furnish and install 9' STI crane body. 44" tall cabinets, positive pressure fan system to keep dust, dirt and moisture out of cabinets. Painted with PPG inside and out. Workbench bumper with through box. Rubber/galvanized steps w/handles on workbench bumper to access bed and bumper. LED lighting for tail and running to DOT specs. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$58,275.00

11' CRANE BODY

ABG VOTH-11R-CRANE	11' Voth aluminum crane/service body. Features all aluminum body, workbench bumper, curb side oxy/acet cabinet, vented, road side 60" tool cabinet. All cabinets include shelving, master locking system, and powdercoated white. Crub side, rear crane reinforcement for 30K Ft/Lb crane.	$42,870.00
ABG CM CB1	Furnish and install 9' CM Crane Body, standard VVS compartments, crane reinforced 60K Ft LB, workbench bumper, with through box. LED lighting for tail and running to DOT specs. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$30,950.00
ABG STI CB11	Furnish and install 11' STI crane body. 44" tall cabinets, positive pressure fan system to keep dust, dirt and moisture out of cabinets. Painted with PPG inside and out. Workbench bumper with through box. Rubber/galvanized steps w/handles on workbench bumper to access bed and bumper. LED lighting for tail and running to DOT specs. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$62,755.00

ABG Accessories

ABG CTECH-9DRW-R	C Tech drawers for rear toolbox, features 2 tall, 1 medium, and 3 thin drawers	$3,315.00
ABG CTECH-8-9DRW-H	C Tech drawers for horizontal toolbox, features 2 thin drawers	$1,855.00

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ABG CTECH-8-9DRW-H	C Tech drawers for horizontal toolbox, features 2 thin drawers	$5,405.00
ABG CTECH-11DRW-F	C Tech drawers for rear toolbox, features 2 tall, 1 medium, and 3 thin drawers	$3,315.00
ABG CTECH-11DRW-H	C Tech drawers for horizontal toolbox, features 2 thin drawers	$2,000.00
	3,000LB CLASS	
ABG T3216-E	Tiger Model 3216 E Electric Crane. 3200 LB, 16 foot reach, 1 hydraulic, 1 manual extension, 22 FPM winch speed, 400 degree rotation. Auto rotating lights on crane tip to see block. Boom rest. HD outriggers	$34,790.00
	4,000LB CLASS	
ABG LM4000X-16	Liftmoore model 4000 crane with its 16,000 Ft-Lb. moment rating and 4,000 Lb. maximum capacitydesigned for 11,000 GVWR and larger trucks. Power boom elevation, power extension, power rotation and power hoist winch are standard, power extension from 8 Ft to 12 Ft with manual pull out to 16 Ft. Includes 25K manual outriggers.	$30,225.00
	5,000LB CLASS	
ABG T5032-E	Tiger Model 5032 E Electric Crane. 5000 LB, 21 foot reach, 1 hydraulic extension, 40 FPM wire speed, 400 degree rotation. Auto rotating lights on crane tip to see block. Boom rest. HD outriggers.	$40,095.00
	6,000LB CLASS	
ABG LM-6036X-20	Liftmoore 36,000 ft-lbs. capacity of 6,000 lbs this crane with pistol grip pendantUnlimited Rotation, 12 V DC operating system, power boom extension from 10-16', manual boom extension to 20'. Includes 40K manual outriggers.	$38,135.00

SMRYNA TRUCK CENTER

	9' CRANE BODY	
FB CM9-4K	9' DRW Reading Classic 108" Crane Reinforced Utility Body, for cranes up to 3,200 lbs. Includes helper springs crane side, manual outriggers, exhaust extension (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,890.00
FB RM25-9-5K	9' READING RM-25 CRANE BODY FOR UP TO A 5,000 LB CRANE. 108" L X 93.25" W (OD) 50" W CARGO AREA, 40" HIGH SIDES, 3 POINT COMPRESSION LATCHES, 1/8" TREADPLATE FLOOR, (4) TIE DOWNS, SLAM ACTION REAR TAILGATE, 20" WORK BENCH BUMPER WITH LOCKABLE STORAGE (DOES NOT INCLUDE HITCH) UNDER COATED AND PAINTED WHITE (REQUIRES 60"CA)	$32,315.00
	11' CRANE BODY	
FB CM11-3K	11' DRW Reading Classic 132" Crane Reinforced Utility Body for 84" CA Chassis, Cranes up to 3,200 lbs. Includes helper springs crane side, manual outriggers, exhaust extension(Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$23,435.00
FB RM25-11-5K	11' Reading RM-25 Crane Body for Cranes up to 5,000 lbs. Includes helper springs crane side, manual outriggers, exhaust extension, 20" Workbench bumper with vise mount (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$35,665.00
FB RM45-11-45K	READING RM-45, 11' HD STEEL CRANE BODY. REINFORCED FOR MAX 45,000 FT CRANE. 132" L X 96" W (OD), 50" W CARGO AREA. COMPARTMENT DEPTH, 22", COMPARTMENT LIGHTING, (2) REAR GRAB HANDLES, (4) LED WORK LIGHTS , POWER OUT/ DOWN OUTRIGGERS, SPRAY LINER, HEADACHE RACK AND MASTERLOCKING. 60" 1ST & 2ND VERTICAL COMPARTMENTS- CURBSIDE, 44" HORIZONTAL & REAR VERTICAL, 20K RATED RECIEVER HITCH, & 7/4 WIRE TRAILER PLUG.	$75,120.00
	CRANES	
FB 3200LM	Liftmoore 3600 lb Electric Crane, includes boom rest, Aux. Battery, Super Spring and Manual Out/ Down Outrigger	$25,835.00
FB LM3216REL-12K	LIFTMOORE 3612REL- 15 CRANE, 12,000 FT LB MOMENT RATING, 3600# MAX CAPACITY @ 3' MANUAL EXTEND/ POWER ROTATE. CONTINUOUS & UNLIMITED POWER ROTATION, 360 DEGREE BOOM LENGTH 15', 7000# MAX BREAKING STRENGTH, 18' REMOVABLE REMOTE PENDDANT CONTROL WITH EMERGENCY STOP. LOAD LIMITING SENSING SWITCH, BOOM SUPPORT, MOUNTED ON REAR COMPARTMENT TOP, AUX BATTERY, MANUAL OUTRIGGERS AND HELPER SPRINGS	$25,835.00

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FB LM3612X-12K	LIFTMOORE 3612X 9-15 CRANE, 12,000 FT LB MOMENT RATING, 3600# MAX CAPACITY @ 3' POWER EXTEND/ POWER ROTATE. CONTINUOUS & UNLIMITED POWER ROTATION, 360 DEGREE BOOM LENGTH 15', 7000# MAX BREAKING STRENGTH, 18' REMOVABLE REMOTE PENDDANT CONTROL WITH EMERGENCY STOP. LOAD LIMITING SENSING SWITCH, BOOM SUPPORT, MOUNTED ON REAR COMPARTMENT TOP, AUX BATTERY, MANUAL OUTRIGGERS AND HELPER SPRINGS	$25,835.00
FB LM2550XP-HYD-25K	LIFTMOORE 2550XP HYD CRANE WITH 25k FT-LB RATING, 8000# @ 5' POWER EXTEND/ POWER ROTATE. ON/ OFF 12V ELECTRIC CONTROL SYSTEM, REMOTE PENDANT CONTROL WITH EMERGENCY STOP, POWER ROTATION- UNLIMITED, BOOM EXTENSION, POWER 10-16', MANUAL 16-20' BOOM ELEVATION, FULL POWER, GALVANIZED AIR CRFBT CABLE. MASTER DISCONNECT SWITCH, BOOM SUPPORT, ADDITINAL LEFB SPRING, PTO AND PUMP (REQUIRES FACTORY PTO PROVISION)	$42,595.00

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BOWIE INTERNATIONAL

FIBERGLASS BODIES

BI C-100	Custom Fiberglass Coaches Animal Control Unit - 6 compartment w/ rear storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$21,165.00
BI C-100-NS	Custom Fiberglass Coaches Animal Control Unit - 6 compartment - no storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$20,820.00
BI PRO 6W6	Custom Fiberglass Coaches Animal Control Unit - 6 compartment - no storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$23,375.00
BI PRO 6WD7	Custom Fiberglass Coaches Animal Control Unit - 6 compartment w/ DA quarantine furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$23,720.00
BI PRO 6WD9	Custom Fiberglass Coaches Animal Control Unit - 9 compartment w/ DA quarantine furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$24,780.00
BI PRO 6WS7	Custom Fiberglass Coaches Animal Control Unit - 6 compartment w/ rear storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$23,720.00
BI PRO 6WS8	Custom Fiberglass Coaches Animal Control Unit - 7 compartment w/ rear storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$24,065.00
BI PRO 8W8	Custom Fiberglass Coaches Animal Control Unit - 8 compartment - no storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$25,170.00
BI PRO 8WD11	Custom Fiberglass Coaches Animal Control Unit - 10 compartment w/ DA quarantine furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$26,630.00
BI PRO 8WD9	Custom Fiberglass Coaches Animal Control Unit - 8 compartment w/ DA quarantine furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$25,515.00
BI PRO 8WS10	Custom Fiberglass Coaches Animal Control Unit - 9 compartment w/ rear storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$26,100.00
BI PRO 8WS11	Custom Fiberglass Coaches Animal Control Unit - 10 compartment w/ rear storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$26,630.00
BI PRO 8WS9	Custom Fiberglass Coaches Animal Control Unit - 8 compartment w/ rear storage furnished and installed by Bowie International. Includes HD stainless steel safety doors & freight.	$25,515.00

ACCESSORIES

BI RVISON	Custom Fiberglass Coach Accessories Rear Vision Camera with 5.6" flat screen color monitor	$580.00
BI SCENE LIGHT-LED	Custom Fiberglass Coach Accessories Clear LED Scene Light - 1200 Lumens flood pattern	$120.00
BI SHELF	Custom Fiberglass Coach Accessories Removable Shelf - animal compartment	$130.00
BI SLIDE OUT TRAYS	Custom Fiberglass Coach Accessories 2 Slide Out Trays For Storage of 6 Carriers or 4 Traps - Rear passenger side compartment	$990.00
BI STEPS	Custom Fiberglass Coach Accessories Drop Down Steps - Front passenger side compartment	$1,380.00
BI STORAGE TRAY	Custom Fiberglass Coach Accessories Roll Out Tray in Rear Storage Compartment	$630.00
BI TRAPS	Custom Fiberglass Coach Accessories 4 Traps For Storage Trays	$650.00
BI ULTRA-AC	UltraCool Extreme Termperature Air Conditioning w/ auxiliary compressor - Dedicated twin fan condenser - 28,000 BTU cool	$6,050.00
BI ULTRA-AC/H	UltraCool Extreme Termperature A/C & Heating w/ auxiliary compressor - Dedicated twin fan condenser - 28,000 BTU cool - 36,000 BTU Heat w/ electronic thermostat	$6,380.00
BI WEAR STRIPS	Custom Fiberglass Coach Accessories Rooftop Aluminum Wear Strips	$220.00

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BI AC-HEAT-HC	Custom Fiberglass Coach Accessories High Capacity A/C & Heat (Tie-In) - 28,000 BTU cool - 36,000 BTU Heat w/ temp monitor	$3,740.00
BI AC-ONLY-HC	Custom Fiberglass Coach Accessories High Capacity Air Conditioning (Tie-In) - up to 28,000 BTU cooling w/ temp monitoring in cab	$3,410.00
BI BSAV-HOIST	Custom Fiberglass Coach Accessories BackSaver Hoist with Large Cage - front passenger compartment	$4,620.00
BI BSMIRROR	Custom Fiberglass Coach Accessories Rear Blind Spot Mirror	$185.00
BI CARRIERS	Custom Fiberglass Coach Accessories 6 Carriers For Storage Trays	$760.00
BI CPOLE	Custom Fiberglass Coach Accessories Catch Pole Holder - Tube style with locking access door	$305.00
BI GRATES-6	Custom Fiberglass Coach Accessories Polypropylene Floor Grates - Set of 6	$320.00
BI GRATES-8	Custom Fiberglass Coach Accessories Polypropylene Floor Grates - Set of 8	$430.00
BI INT-DOOR-6	Credit for Custom Fiberglass Coach Accessories Heavy Duty Interior Safety Door - Powdercoated Black in lieu of stainless steel (Set of 6 & 7 door configurations).	($120.00)
BI INT-DOOR-8	Credit for Custom Fiberglass Coach Accessories Heavy Duty Interior Safety Door - Powdercoated Black in lieu of stainless steel (Set of 8, & 10 door configurations).	($160.00)
BI INT-DOOR-STNLS-6	DELETE - Custom Fiberglass Coach Accessories Heavy Duty Safety Door - Stainless Steel (Set of 6 & 7 door configurations)	($690.00)
BI INT-DOOR-STNLS-8	DELETE - Custom Fiberglass Coach Accessories Heavy Duty Safety Door - Stainless Steel (Set of 8, 9 & 10 door configurations)	($920.00)
BI PETSTEP	Custom Fiberglass Coach Accessories PetStep Portable Folding Ramp	$195.00
BI P-RAMP	Custom Fiberglass Coach Accessories Pull Out Ramp - Front passenger side	$710.00

SWAB WAGON COMPANY

FIBERGLASS BODIES

SWAB ARF95	SWAB WAGON COMPANY ARF.95 ANIMAL TRANSPORT BODY TO BE INSTALLED ON 56" CA SRW CHASSIS WITH FLOOR PLAN [D], SET OF 6 SAFETY DOORS, TWO SLIDE TRAYS IN LEFT REAR COMPARTMENT, SIX COMPARTMENT LIGHTS, TEMP MONITOR, CATCH POLE HOLDER, & PULL OUT / FOLD DOWN LOADING RAMP. (REQUIRES 56"CA CHASSIS) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) - Long Lead Time item, Estimate 12+ months from issuance of PO.	$31,840.00

ACCESSORIES

SWAB AC	BODY HEAT AND AIR CONDITIONING.	$4,310.00
SWAB CAM	INSTALL MANUFACTURER SUPPLIED CAMERA IN BACK OF ANIMAL CONTROL BODY.	$0.00

AMERICAN ALUMINUM

8-ANIMAL

AA 8-ANIMAL-LR	American Aluminum 8 compartment animal control system with front partiton includes: aluminum construction, insulation prior to install, interior lighting, catch pole holder and aluminum treadplate floor. (REQUIRES REAR A/C) Installed in Perry, FL	$31,900.00
AA 8-ANIMAL-MH	American Aluminum 8 compartment animal control system for medium/high roof vans with front partiton includes: aluminum construction, insulation prior to install, interior lighting, catch pole holder and aluminum treadplate floor. (REQUIRES REAR A/C) Installed in Perry, FL	$34,340.00

9-ANIMAL

AA 9-ANIMAL-LR	American Aluminum 9 compartment animal control system with front partiton includes: aluminum construction, insulation prior to install, interior lighting, catch pole holder and aluminum treadplate floor. (REQUIRES REAR A/C) Installed in Perry, FL	$34,340.00

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AA 9-ANIMAL-MH	American Aluminum 9 compartment animal control system for medium/high roof vans with front partiton includes: aluminum construction, insulation prior to install, interior lighting, catch pole holder and aluminum treadplate floor. (REQUIRES REAR A/C) Installed in Perry, FL	$34,340.00

10-ANIMAL

AA 10-ANIMAL-LR	American Aluminum 10 compartment animal control system with front partiton includes: aluminum construction, insulation prior to install, interior lighting, catch pole holder and aluminum treadplate floor. (REQUIRES REAR A/C) Installed in Perry, FL	$34,340.00
AA 10-ANIMAL-MH	American Aluminum 10 compartment animal control system for medium/high roog vans with front partiton includes: aluminum construction, insulation prior to install, interior lighting, catch pole holder and aluminum treadplate floor. (REQUIRES REAR A/C) Installed in Perry, FL	$34,340.00

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VAN CONVERSIONS

MW BRAUN-VOY-RE	BraunAbility ADA compliant Commercial Rear-Entry on the new Chrysler Voyager is a passenger-friendly as well as a cost-efficient mobility solution for many commercial transportation providers. Seats up to 7 passengers, configurations up to 2 wheelchair positions. Braun Commercial ADA Compliant Long-cut Rear-Entry floor with 2 Wheelchair securement locations, 56" Power (OEM) Door, Vertical Stow Foldout Ramp, ADA Ramp Lighting, Transit Vinyl Flooring in Pan Area, 2nd Row Flip & Fold Seating, QRT MAX Slide-n-Click wheelchair/Occupant Securement System (1), Transmission Interlock, Back Up Alarm, Emergency Rear Hatch Release.(requires purchase of 2020+ Chrysler Voyager)	$29,465.00
MW BRAUN-SIEN-RE	2024 Convered Braun Toyota Hybrid ADA Compliant Rear Entry Short Cut (VT) Lowered Floor with 1 Wheelchair Position, 56" Manual door, Manual Simple Stow Ramp, Ada Lighting, ADA Commercial Transit Flooring, 2nd Row OEM 3 Passenger Bench Seat, Q'Straint QER Electronic Front and QRT MAX Rear Retractors, Transmission Interlock, Back Up Alarm, Emergency Hatch Release, WeatherTech mats(Driver and Passenger) All Wheel Drive models cannot be converted. Includes DOT package with (5# Fire Extinguisher, 10 Unit First Aid Kit, Triangle Flare Kit, Body Fluid Kit). (Requires the purchase of 2021+ 8 Passenger seating chassis.)	$32,040.00
MW BRAUN-VOY-SE	BraunAbility ADA compliant Commercial Side-Entry - I4 Power (OEM) Door, Manual In-Floor Ramp, Vinyl Flooring, Step & Roll Front Passenger Seat, Emergency Rear Hatch Release, Manual Wheelchair/Occupant Securement System (1) BraunAbility - Swap M-Series for QRT Max - 4 Retractors, Lap and Shoulder Belt, BraunAbility - DOT Package (5# Fire Extinguisher, 10 First Aid Kit, Triangle Flare Kit, Body Fluid Kit) (requires purchase of 2020+ Chrysler Voyager)	$39,580.00
TRANSIT 9+2-LIFT	LIFT EQUIPPED 9 PASSENGER WITH 1 ADA COMPLIANT CHAIR POSITION ON FORD TRANSIT,ABS INTERIOR KIT WITH GRAY WALLS AND LIGHT GRAY CEILING, OVERHEAD STORAGE COMPARTMENT ABOVE DRIVER STAINLESS STEEL GRAB BAR AT ENTRANCE, INTERIOR DOME LIGHTS ALTRO TRANSIT GRADE SAFETY FLOORING, RUNNING BOARDS, BOTH SIDES OEM DRIVER AND CO-PILOT SEATS, TWO FREEDMAN GO-ES SINGLE FOLDAWAY SEATS THREE FREEDMAN GOES DOUBLE FOLDAWAY SEATS REAR MOUNTED BRAUN CENTURY WHEELCHAIR LIFT, 800 LBS. CAPACITY, 34 X 51 INTERIOR LIFT LIGHT, ADA INTERLOCK SYSTEM TWO WHEELCHAIR POSITIONS WITH QSTRAINT SECUREMENTS AND LAP/SHOULDER BELT FLOOR MOUNTED WC SECUREMENT STORAGE COMPARTMENTS FIRE EXTINGUISHER, FIRST AID KIT, TRIANGLE KIT AND SEAT BELT CUTTER	$38,110.00
MW 10 PASS	Package 12 to 10 Passenger on 148" WB Medium Roof Wagon Re-arrange Rear OEM Seating, Disable Seat Mounting Locations, Cover Floor Pockets with Non-Slip Surface. ** Re-Classify OEM Vehicle from Bus to MPV IMPORTANT NOTES: ** Can only be built on an Untitled Vehicle ** This build can only be built on a Ford Transit Wagon WITH SEATS!	$6,400.00

CHASSIS CONVERSIONS

BUS12+2	12 + 2 passenger includes: DRIVER'S RUNNING BOARD, EXHAUST ROUTED TO STREETSIDE, BATTERY BOX WITH SLIDE OUT TRAY, STAINLESS STEEL WHEEL INSERTS , WHITE EXTERIOR, 76" HEADROOM, WHITE/GRAY INTERIOR SIDEWALLS AND CEILING, LED INTERIOR DOME LIGHTS, TRANSIT STYLE WINDOWS, T SLIDER TOPS, TINTED, ELECTRIC ENTRANCE DOOR WITH EXTERIOR KEYSWITCH, EXTERIOR LED LIGHT, ENTRANCE GRAB RAIL, BOTH SIDES MODESTY PANEL WITH STANCHION AT ENTRANCE DOOR AND BEHIND DRIVER,5/8" MARINE GRADE PLYWOOD SUBFLOOR, GRAY RUBBER FLOORING AND WHITE STANDEE LINE BACK UP ALARM & BACK UP CAMERA WITH MONITOR, AM/FM//MP3/USB PLAYER AND FOUR SPEAKERS, INTERIOR MIRROR, REAR WINDOW / EMERGENCY EXIT, ROOF HATCH / EMERGENCY EXIT L.E.D. BRAKE, TAIL, TURN, BACKUP, MARKER, AND CLEARANCE LIGHTS, FREEDMAN MID-HIGH SEATS WITH SEAT BELTS, GRAB HANDLES ON AISLE SEAT LOCATIONS, AISLE SIDE FLIP UP ARM RESTS FREEDMAN DRIVERS SEAT WITH RH ARMREST, LEVEL 1 SEATING UPHOLSTERY ON PASSENGER AND DRIVER SEATS, REAR AIR CONDITIONING SYSTEM, 45,000 BTU REAR HEATER, BRAUN CENTURY SERIES WHEELCHAIR LIFT WITH BELT - LIFT DOOR, DOUBLE DOOR WITH WINDOWS, ADA DECALS, Q STRAINT QRT MAX FOR TWO POSITION, WITH MOUNTED STORAGE POUCHES, FAST IDLE/INTERLOCK, EMERGENCY TRIANGLE KIT/FIRST AID KIT AND FIRE EXTINGUISHER. (REQUIRES DUAL REAR WHEEL CUTAWAY CHASSIS, 12,500 lbs. -14,500 GVWR, 158"WB)"	$82,100.00

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BUS14	14 passenger includes: DRIVER'S RUNNING BOARD, EXHAUST ROUTED TO STREETSIDE, BATTERY BOX WITH SLIDE OUT TRAY, STAINLESS STEEL WHEEL INSERTS WHITE EXTERIOR, 76" HEADROOM, WHITE/GRAY INTERIORSIDEWALLS AND CEILING, LED INTERIOR DOME LIGHTS, TRANSIT STYLE WINDOWS, T SLIDER TOPS, TINTED, ELECTRIC ENTRANCE DOOR WITH EXTERIOR, KEYSWITCH, EXTERIOR LED LIGHT, ENTRANCE GRAB RAIL, BOTH SIDES, MODESTY PANEL WITH STANCHION AT ENTRANCE DOOR AND BEHIND DRIVER, 5/8" MARINE GRADE PLYWOOD SUBFLOOR, GRAY RUBBER FLOORING AND WHITE STANDEE LINE, BACK UP ALARM & BACK UP CAMERA WITH 7" MONITOR, AM/FM//MP3/USB PLAYER AND FOUR SPEAKERS, INTERIOR MIRROR, REAR WINDOW / EMERGENCY EXIT, ROOF HATCH / EMERGENCY EXIT, L.E.D. BRAKE, TAIL, TURN, BACKUP, MARKER, AND CLEARANCE LIGHTS, FREEDMAN MID-HIGH SEATS WITH SEAT BELTS, AISLE SIDE FLIP UP ARM RESTS, FREEDMAN DRIVERS SEAT WITH RH ARMREST, LEVEL 1 SEATING UPHOLSTERY ON PASSENGER AND DRIVER SEATS, REAR AIR CONDITIONING SYSTEM, 45,000 BTU REAR HEATER, FAST IDLE, EMERGENCY TRIANGLE KIT/FIRST AID KIT AND FIRE EXTINGUISHER. (REQUIRES DUAL REAR WHEEL CUTAWAY CHASSIS, 12,500 lbs. -14,500 GVWR, 158"WB)"	$70,530.00
BUS16+2	16 + 2 passenger includes: DRIVER'S RUNNING BOARD, EXHAUST ROUTED TO STREETSIDE, BATTERY BOX WITH SLIDE OUT TRAY, STAINLESS STEEL WHEEL INSERTS , WHITE EXTERIOR, 76" HEADROOM, WHITE/GRAY INTERIOR SIDEWALLS AND CEILING, LED INTERIOR DOME LIGHTS, TRANSIT STYLE WINDOWS, T SLIDER TOPS, TINTED, ELECTRIC ENTRANCE DOOR WITH EXTERIOR KEYSWITCH, EXTERIOR LED LIGHT, ENTRANCE GRAB RAIL, BOTH SIDES MODESTY PANEL WITH STANCHION AT ENTRANCE DOOR AND BEHIND DRIVER,5/8" MARINE GRADE PLYWOOD SUBFLOOR, GRAY RUBBER FLOORING AND WHITE STANDEE LINE BACK UP ALARM & BACK UP CAMERA WITH MONITOR, AM/FM//MP3/USB PLAYER AND FOUR SPEAKERS, INTERIOR MIRROR, REAR WINDOW / EMERGENCY EXIT, ROOF HATCH / EMERGENCY EXIT L.E.D. BRAKE, TAIL, TURN, BACKUP, MARKER, AND CLEARANCE LIGHTS, FREEDMAN MID-HIGH SEATS WITH SEAT BELTS, GRAB HANDLES ON AISLE SEAT LOCATIONS, AISLE SIDE FLIP UP ARM RESTS FREEDMAN DRIVERS SEAT WITH RH ARMREST, LEVEL 1 SEATING UPHOLSTERY ON PASSENGER AND DRIVER SEATS, REAR AIR CONDITIONING SYSTEM, 45,000 BTU REAR HEATER, BRAUN CENTURY SERIES WHEELCHAIR LIFT WITH BELT - LIFT DOOR, DOUBLE DOOR WITH WINDOWS, ADA DECALS, Q STRAINT QRT MAX FOR TWO POSITION, WITH MOUNTED STORAGE POUCHES, FAST IDLE/INTERLOCK, EMERGENCY TRIANGLE KIT/FIRST AID KIT AND FIRE EXTINGUISHER. (REQUIRES DUAL REAR WHEEL CUTAWAY CHASSIS, 14,500 lbs. GVWR, 176"WB)"	$86,255.00
BUS20 + 2	20 + 2 passenger includes: DRIVER'S RUNNING BOARD, EXHAUST ROUTED TO STREETSIDE, BATTERY BOX WITH SLIDE OUT TRAY, STAINLESS STEEL WHEEL INSERTS , WHITE EXTERIOR, 76" HEADROOM, WHITE/GRAY INTERIOR SIDEWALLS AND CEILING, LED INTERIOR DOME LIGHTS, TRANSIT STYLE WINDOWS, T SLIDER TOPS, TINTED, ELECTRIC ENTRANCE DOOR WITH EXTERIOR KEYSWITCH, EXTERIOR LED LIGHT, ENTRANCE GRAB RAIL, BOTH SIDES MODESTY PANEL WITH STANCHION AT ENTRANCE DOOR AND BEHIND DRIVER,5/8" MARINE GRADE PLYWOOD SUBFLOOR, GRAY RUBBER FLOORING AND WHITE STANDEE LINE BACK UP ALARM & BACK UP CAMERA WITH MONITOR, AM/FM//MP3/USB PLAYER AND FOUR SPEAKERS, INTERIOR MIRROR, REAR WINDOW / EMERGENCY EXIT, ROOF HATCH / EMERGENCY EXIT L.E.D. BRAKE, TAIL, TURN, BACKUP, MARKER, AND CLEARANCE LIGHTS, FREEDMAN MID-HIGH SEATS WITH SEAT BELTS, GRAB HANDLES ON AISLE SEAT LOCATIONS, AISLE SIDE FLIP UP ARM RESTS FREEDMAN DRIVERS SEAT WITH RH ARMREST, LEVEL 1 SEATING UPHOLSTERY ON PASSENGER AND DRIVER SEATS, REAR AIR CONDITIONING SYSTEM, 45,000 BTU REAR HEATER, BRAUN CENTURY SERIES WHEELCHAIR LIFT WITH BELT - LIFT DOOR, DOUBLE DOOR WITH WINDOWS, ADA DECALS, Q STRAINT QRT MAX FOR TWO POSITION, WITH MOUNTED STORAGE POUCHES, FAST IDLE/INTERLOCK, EMERGENCY TRIANGLE KIT/FIRST AID KIT AND FIRE EXTINGUISHER. (REQUIRES DUAL REAR WHEEL CUTAWAY CHASSIS, 14,500 lbs. GVWR, 176"WB)	$95,265.00

HEAVY DUTY

BUS25	25 passenger includes: DRIVER'S RUNNING BOARD, EXHAUST ROUTED TO STREETSIDE, BATTERY BOX WITH SLIDE OUT TRAY, STAINLESS STEEL WHEEL INSERTS , WHITE EXTERIOR, 76" HEADROOM, WHITE/GRAY INTERIOR SIDEWALLS AND CEILING, LED INTERIOR DOME LIGHTS , TRANSIT STYLE WINDOWS, T SLIDER TOPS, TINTED, ELECTRIC ENTRANCE DOOR WITH EXTERIOR KEYSWITCH, EXTERIOR LED LIGHT, ENTRANCE GRAB RAIL, BOTH SIDES, MODESTY PANEL WITH STANCHION AT ENTRANCE DOOR AND BEHIND DRIVER, 5/8" MARINE GRADE PLYWOOD SUBFLOOR, GRAY RUBBER FLOORING AND WHITE STANDEE LINE, BACK UP ALARM & BACK UP CAMERA WITH MONITOR, AM/FM//MP3/USB PLAYER AND SIX SPEAKERS, INTERIOR MIRROR, REAR WINDOW / EMERGENCY EXIT, ROOF HATCH / EMERGENCY EXIT, L.E.D. BRAKE, TAIL, TURN, BACKUP, MARKER, AND CLEARANCE LIGHTS, FREEDMAN MID-HIGH SEATS WITH SEAT BELTS, AISLE SIDE FLIP UP ARM RESTS, FREEDMAN DRIVERS SEAT WITH RH ARMRES, LEVEL 1 SEATING UPHOLSTERY ON PASSENGER AND DRIVER SEATS, 82,000 BTU AIR CONDITIONING SYSTEM, 45,000 BTU REAR HEATER, FAST IDLE , EMERGENCY TRIANGLE KIT/FIRST AID KIT AND FIRE EXTINGUISHER"	$81,465.00

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PRISONER TRANSPORT

PRISONER 12+1CO+1	12 + 1 CO + 1 OR 2 Wheelchair Passenger Inmate Transport Bus conversion furnished and installed by FTS - EXTERIOR PAINT – WHITE EXTERIOR SIDES WITH PORTHOLE WINDOWS INTERIOR SECURITY SCREENS ON INTERIOR OF PORTHOLE WINDOWS, GERFLOR FLOORING, WHITE STEP NOSING 5/8" MARINE GRADE PLYWOOD INSULATION, ELECTRIC ENTRANCE DOOR WITH EXTERIOR KEY SWITCH, ENTRANCE GRAB RAIL, STAINLESS STEEL, EXTERIOR MIRRORS, INTERIOR MIRROR,MONITOR FOR BACK UP CAMERA BACK UP ALARM LED EXTERIOR BODY LIGHTS REAR EMERGENCY DOOR, SOLID HASP FOR REAR DOOR, 70,000 BTU ACT AIR CONDITIONING SYSTEM, 45,000 BTU REAR HEATER SECURITY SCREENING OVER AC EVAP AND HEATER LED INTERIOR DOME LIGHTS COVERED WITH SECURITY SCREENINING, AM/FM MP3 PLAYER – FOUR SPEAKERS COVERED WITH SECURITY SCREENING 12 PASSENGER SEATING FREEDMAN PRISONER TRANSPORT SEATS – AISLE FACING C.O./GUARD SEAT VINYL UPHOLSTERY, TWO SECURITY PARTITIONS WITH POLYCABONATE SHIELD, ADA COMPLIANT WHEELCHAIR LIFT, LIFT DOOR WITH HASP 2 WHEELCHAIR POSITIONS WITH Q STRAINT SECUREMENTS, INTERLOCK/ FAST IDLE 5 LB FIRE EXTINGUISHER, FIRST AID KIT, AND REFLECTIVE TRIANGLE KIT DELIVERY (Requires - CUTAWAY DUAL REAR WHEEL CHASSIS, GVWR 14,500 LBS/158" WHEELBASE)	$118,725.00

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TRANSIT VAN REEFER PACKAGE

TK TRANSIT-REEFER	Thermo King V520 RT MAX Transit Van Refrigeration Package (Refrigeration unit + Insulation) Thermo King V520 RT MAX 10 vehicle driven refrigerated unit with R404A refrigerant. This unit has the capacity to deliver 0 degrees Key items and features included in this quote: • Thermo King V520 RT MAX 20 vehicle powered refrigeration unit • Thermo King compressor with Jet-Lube compressor lubrication • In cab controller with digital LED thermometer • Electronic Thermosta • Slim line roof mounted condenser • Factory hose kit • Hose management kit • Insulation: To be installed inside Ford Transit 148" High Roof- 3" of insulation- floors, walls, ceiling. Insulated front bulkhead behind seats; bulkhead reinforced for refrigerated unit. Doors completely insulated and covered with Sub Zero panels. Two drains molded into the floor. Diamond plate bump guards at each cargo door opening.	$27,940.00

BOX BODY REEFER PACKAGE

16' REEFER UNIT

TK 16BOX-REEFER	Thermo King HD 16' INSULATED BOX TRUCK WITH INT HEIGHT 86" INT WIDTH 89" EXTERIOR WIDTH 96" INSULATION 3" Insulation sides and ceiling, 4" front wall and floor REAR DOOR Whiting Temp Guard 1-1/2" medium temp overhead door FLOOR Aluminum Treadplate Floor, Welded Water Tight 4 Drains and kazoos 1 in each corner LONG SILLS 4" "I" Beam CROSSMEMBERS 3" "I" Beam on 12" centers LINING One piece seamless Kemlite, sides, front, ceiling ROOF .032 aluminum one piece EXTERIOR PANELS .040 Prepainted white aluminum, side posts on 16" centers REAR FRAME Galvanealed steel rear frame, painted white GRAB HANDLES Curbside & roadside SCUFF 24" Aluminum Treadplate scuff sides and front LIGHTING (interior) One (1) LED Domelight with switch in rear LIGHTING (exterior) LED lighting package per FMVSS 108. CARGO CONTROL Two (2) Rows of E-Track sides only located__36___" and___60___" from floor to center of track. LIFTGATE Tommy Gate 89-20EA55 89" X 55" + 12" Aluminum Platform Railgate *2,000lb Capacity *Liftgate will be welded to rear frame and painted INCLUDED OPTIONS Three (3) folding steps and grab handle, front roadside corner post Reece Receiver Tube, welded to ICC Bumper 7-Way Electric Plug, uninstalled customer to install Install Wire for door cutoff switch REINFORCE Bulkhead prepped for ThermoKing T-680 series. (Refrigeration unit not included) - (Requires 19,500lb GVWR chassis with 120"CA)	$43,060.00
TK T690	Thermo King all-new T690 reefer unit with Lower life cycle costs, lower fuel consumption, cleaner - quieter operation. Unmatched performance and reliability. Greater capacities at lower operating speeds. Precise temperature control and ease of use and service. Key Features of T690: New easier to operate T-Series Premium SR3 Controller Telematics Ready; Recyclable Geloy Injected Molded Skins Poly-V stretch belt with quiet channel technology Tier 4 diesel engine Robotic welded steel frame with automotive grade 2 coat paint finish Liquid level fill alerts 2,000 hour Service Interval Door Switch- Switches the unit off when door is opened. Installation & Freight. (Box Body sold seperately) - (Requires chassis with diesel engine or additional diesel fuel tank for gas trucks)	$25,375.00

24' REEFER UNIT

TK 24BOX-REEFER	Thermo King HD 24' Insulated T-890-50 truck with precise temperature control and ease of use and service. Added feature of Electric Standby for full electric operation. INCLUDES: New easier to operate T-Series "Premium" SR3 Controller, Telematics Ready, Recyclable Geloy Injected Molded Skins, Poly-V stretch belt with quiet channel technology, Tier 4 diesel engine, Robotic welded steel frame with automotive grade 2 coat paint finish, Liquid level fill alerts, 24' Body Insulated Box, Thieman Stowaway 4,000 Liftgate, Installation, & Freight. (MEDIUM DUTY DIESEL CHASSIS REQUIRED	$83,235.00
TK T890-50	Thermo King all new T-890-50 reefer unit with precise temperature control and ease of use and service. Added feature of Electric Standby for full electric operation. INCLUDES: New easier to operate T-Series Premium SR3 Controller, Telematics Ready, Recyclable Geloy Injected Molded Skins, Poly-V stretch belt with quiet channel technology, Tier 4 diesel engine, Robotic welded steel frame with automotive grade 2 coat paint finish, Liquid level fill alerts, Thieman Stowaway 4,000 Liftgate, Installation, & Freight. (24' BOX BODY SOLD SEPARATELY) - (MEDIUM DUTY DIESEL CHASSIS REQUIRED)	$28,420.00

CARGO VAN REAR HVAC

TK REAR HVAC	32,500 BTU rear mounted A/C and Heat- three speed fan, variable temperature control, low profile, quiet and efficient operation	$9,825.00

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VERSALIFT

FB VERSALIFT40-NON	Versalift SST36NE, Non insulated boom, 370 degree rotation, Fiberglass walk in bucket with door single man, working height 40'6" horizontal reach 26'7", Platfrom capacity 350LBS with auto leveling and manual leveling, upper and lower controls electrical toggle switch's, 110V outlet at bucket,12V emergency back up pump, remote engine start / stop at upper and lower controls, hydraulic PTO, Rear torsion bar and ballast. Includes 11' Warner utility body with 34" tail shelf, (2) user manuals, (2) wheel chocks, (1) safety harness, (1) lanyard attachment, (1) warning triangle kit, (1) fire extinguisher, (1) 2000W pure sine wave inverter, (4) amber LED's with (2) monted in grille, and (2) to rear of body - (Requires 19,500 GVWR, Snowplow prep, PTO, Backup Camera, and Running Boards) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$92,975.00
FB VERSALIFT40-JIB-NON	Versalift SPT36NE, Non insulated boom, aluminum basket single man, Working height 40'6", horizontal reach 26'6", Platform capacity 350LBS with auto leveling and manual leveling, upper and lower controls electrical toggle switch's, 500lbs lifting eye, 110V outlet at basket, 12V emergency back up pump, Remote engine start / stop at upper and lower controls, Hydraulic PTO,Rear torsion bar and ballast. Includes 11' Warner utility body with 34" tail shelf, (2) user manuals, (2) wheel chocks, (1) safety harness, (1) lanyard attachment, (1) warning triangle kit, (1) fire extinguisher, (1) 2000W pure sine wave inverter, (4) amber LED's with (2) monted in grille, and (2) to rear of body - (Requires 19,500 GVWR, Snowplow prep, PTO, Backup Camera, and Running Boards) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$122,500.00
FB VERSALIFT45	Versalift SST40-E. Insulated boom continous 360 rotation,Category C, Insulated fiberglass single man bucket with liner, 180 degree hydrauilc platform rotation, working height 45', Horizontal reach 27'9" Platform capacity 450LBS, Bucket auto leveling and manual leveling, Hydraulic upper and lower controls, 12V emergency back up pump, Remote engine start / stop at upper and lower controls, Hydraulic PTO, Rear torsion bar and ballast. Includes 11' Warner utility body with 34" tail shelf, (2) user manuals, (2) wheel chocks, (1) safety harness, (1) lanyard attachment, (1) warning triangle kit, (1) fire extinguisher, (1) 2000W pure sine wave inverter, (4) amber LED's with (2) monted in grille, and (2) to rear of body - (Requires 19,500 GVWR, Snowplow prep, PTO, Backup Camera, and Running Boards) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$103,800.00
FB VERSALIFT45-JIB	Versalift VST40-E, Insulated boom continous 360 rotation,Category C, Insulated fiber glass single man bucket with liner. 180 degree hydrauilic platfrom rotation, Working height 45'4", Horizontal reach 30', Platform capacity 600lbs, bucket auto leveling and manual leveling, Hydraulic upper and lower controls, Hydraulic Jib 1000lb capacity, one set of hydraulic out riggers, 12V emergency back up pump, Remote engine start / stop at upper and lower controls, two out rigger pads, Hydraulic PTO. Includes 11' Warner utility body with 34" tail shelf, (2) user manuals, (2) wheel chocks, (1) safety harness, (1) lanyard attachment, (1) warning triangle kit, (1) fire extinguisher, (1) 2000W pure sine wave inverter, (4) amber LED's with (2) monted in grille, and (2) to rear of body - (Requires 19,500 GVWR, Snowplow prep, PTO, Backup Camera, and Running Boards) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$161,880.00
FB VERSALIFT52-JIB	Versalift VST47-E Insulated boom contunour 360 rotation, Category C, Insulated fiberglass single man bucket with liner, 180 degree hydraulic platform rotation, working height 52', Horizontal reach 30'9", Platform capacity 500lbs bucket auto and manual leveling, Hydraulic upper and lower controls, Hydraulic Jib 1000lb capacity, two sets of hydraulic our riggers, 12V emergency back up pump, Remote start / stop at upper and lower controls, four out rigger pads,Hydraulic PTO. Includes 11' Warner utility body with 34" tail shelf, (2) user manuals, (2) wheel chocks, (1) safety harness, (1) lanyard attachment, (1) warning triangle kit, (1) fire extinguisher, (1) 2000W pure sine wave inverter, (4) amber LED's with (2) monted in grille, and (2) to rear of body - (Requires 19,500 GVWR, Snowplow prep, PTO, Backup Camera, and Running Boards) - (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$173,760.00

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ACCESSORIES

Knapheide

K CLV-FB	Class V Hitch for Flat Bed	$1,345.00

Premier

PTC CLV-FB	Class V trailer hitch for flat beds 17K rating 2" recevier tube.	$845.00

ACTION - READING

AF CLV-FB	HITCH PLATE WITH RECEIVER HITCH	$670.00
AF 7/4WIRE	7/4 WAY TRAILER RECEPTACLE	$260.00

GOOSENECK PLATFORM

Knapheide

K PGTB-96	Knapheide 9' gooseneck body wih rear hitch, two plugs, and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,950.00
K PGTC-96	Knapheide 9' goseneck body with rear hitch, two plugs, under body boxes and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,435.00
K PGTD-94	Knapheide 9' goseneck body with rear hitch, two plugs, under body boxes and tall front compartments and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,770.00
K PGTB-116	Knapheide 11' gooseneck body wih rear hitch, two plugs, and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$10,580.00
K PGTC-116	Knapheide 11' gooseneck body with rear hitch, two plugs, under body boxes and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,560.00
K PGTD-114	Knapheide 11' goseneck body with rear hitch, two plugs, under body boxes and tall front compartments and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.	$19,765.00

PREMIER TRUCK

PTC 8GN	CM/PJ GB 8' DRWGooseneck w/rear tail skirt hitch including two plugs and duplicate tail lights in cab shield. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$8,805.00
PTC 9GN	CM/PJ GB 9' Gooseneck w/rear tail skirt hitch including two plugs and duplicate tail lights in cab shield. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,500.00
PTC 11GN	CM/PJ GB 11' Gooseneck w/rear tail skirt hitch including two plugs and duplicate tail lights in cab shield. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,325.00

ABG FABRICATION

ABG CM-RD-GOOSE7-SRW	CM RD Series 7' Gooseneck body for 6.5 ft Bed Delete SRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack. Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$8,200.00
ABG CM-SK-GOOSE7-SRW	CM SK Series 7' Gooseneck body for 6.5 ft Bed Delete SRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack, 4 integrated toolboxes and fully skirted.Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,110.00
ABG CM-TM-GOOSE7-SRW	CM TM Series 7' Gooseneck body for 6.5 ft Bed Delete SRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack, 6 integrated toolboxes and fully skirted, slam shut tailgate, 4 movable tie downs.Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$15,750.00
ABG CM-RD-GOOSE8-SRW	CM RD Series 8' Gooseneck body for 8 ft Bed Delete SRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack, Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,250.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

ABG CM-SK-GOOSE8-SRW	CM SK Series 8' Gooseneck body for 8 ft Bed Delete SRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 4 integrated toolboxes and fully skirted. Includes camera relocation/installation if present.Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$12,500.00
ABG CM-TM-GOOSE8-SRW	CM TM Series 8' Gooseneck body for 8 ft Bed Delete SRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 6 integrated toolboxes and fully skirted slam shut tailgate, 4 movable tie downs.Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$17,190.00
ABG CM-RD-GOOSE8-DRW	CM RD Series 8' Gooseneck body for 8 ft Bed Delete DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack.Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$9,110.00
ABG CM-TM-GOOSE8-DRW	CM TM Series 8' Gooseneck body for 8 ft Bed Delete DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 6 integrated toolboxes and fully skirted slam shut tailgate, 4 movable tie downs. Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$18,870.00
ABG CM-RD-GOOSE9-DRW	CM RD Series 9' Gooseneck body for 60 CA DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack.Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,810.00
ABG CM-SK-GOOSE8-DRW	CM SK Series 8' Gooseneck body for DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 4 integrated toolboxes and fully skirted.Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,085.00
ABG CM-SK-GOOSE9-DRW	CM SK Series 9' Gooseneck body for 60 CA DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 4 integrated toolboxes and fully skirted. Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,540.00
ABG CM-TM-GOOSE9-DRW	CM TM Series 9' Gooseneck body for 60 CA DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 6 integrated toolboxes and fully skirted slam shut tailgate, 4 movable tie downs. Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$18,330.00
ABG CM-RD-GOOSE11-DRW	CM RD Series 11' Gooseneck body for 84 CA DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack.Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,670.00
ABG CM-SK-GOOSE11-DRW	CM SK Series 11' Gooseneck body for 84 CA DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 4 integrated toolboxes and fully skirted. Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,060.00
ABG CM-TM-GOOSE11-DRW	CM TM Series 11' Gooseneck body for 84 CA DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 6 integrated toolboxes and fully skirted slam shut tailgate, 4 movable tie downs. Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$21,400.00
ABG CM-TM-MD-GOOSE11	CM TM Series 11' Gooseneck body for 84 CA GM MD DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 6 integrated toolboxes and fully skirted slam shut tailgate, 4 movable tie downs. Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$20,910.00
ABG CM-RD-MD-GOOSE9	CM RD Series 9' Gooseneck body for 60 CA GM Medium Duty DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack. Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$10,355.00
ABG CM-SK-MD-GOOSE9	CM SK Series 9' Gooseneck body for 60 CA GM Medium Duty DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 4 integrated toolboxes and fully skirted. Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,960.00
ABG CM-TM-MD-GOOSE9	CM TM Series 9' Gooseneck body for 60 CA GM MD DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 6 integrated toolboxes and fully skirted slam shut tailgate, 4 movable tie downs. Includes camera relocation/installation if present. Includes Completed Vehicle Certification, 2nd Stage MSO, and Weight Slip	$20,250.00
ABG CM-SK-MD-GOOSE11	CM SK Series 11' Gooseneck body for 84 CA GM Medium Duty DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack 4 integrated toolboxes and fully skirted. Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,525.00

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ABG CM-RD-MD-GOOSE11	CM RD Series 11' Gooseneck body for 84 CA GM Medium Duty DRW, 30K countersunk gooseneck w/7 way, 24K bumper pull w/4&7 way, LED STT lights in skirt, ST in headache rack.Includes camera relocation/installation if present. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$10,680.00
	DVA	
DVA 8GOOSE	CM Truck Beds 8' dual rear wheel goosneck flatbed body, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires 56 CA.	$9,300.00
DVA 9GOOSE	CM Truck Beds 9' dual rear wheel goosneck flatbed body, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires 60 CA.	$9,900.00
DVA 11GOOSE	CM Truck Beds 11' dual rear wheel goosneck flatbed body, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires 84 CA.	$10,500.00
	ACTION - READING	
AF CM-RD-GOOSE11-DRW	CM MODEL RD, 11'4" STEEL GOOSENECK BODY. 11'4" L X 97" W, W/1/8" STEEL TREADPLATE FLOOR. INTEGRATED SQUARE TUBE HEADACHE RACK WITH CLEAR LED OVAL LIGHTS. 30K CAPACITY B&W GOOSENECK HITCH WITH 7 ROUND PLUG. ONE PIECE REAR SKIRT W/TAPERED CORNERS. REAR BUMPER W/24K RATED B&W PULL HITCH, W/2 1/2" RECEIVER AND 7/4-WAY PLUG. 3/8" X 2" SIDE RAILS WITH STAKE POCKETS. 4" CHANNEL RUNNERS. LED STOP/TAIL/TURN/BACKUP, ALL NECESSARY MARKER LIGHTS AND REFLECTORS. BLACK POWDER COAT FINISH. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,205.00
	DURAMAG	
RTB 9HAULER	DuraMag 9' Aluminum Hauler Body 25k Turn Over Gooseneck & 18k Rear Receiver, Lights in Headboard & Rear Apron (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,490.00
RTB 9HAULER-SB	DuraMag 9' Smooth Skirted Aluminum Hauler Body Front & Rear Underbody Boxes, 25k Turn Over Gooseneck & 18k Rear Receiver, Lights in Headboard & Rear Apron (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,010.00
RTB 11HAULER	DuraMag 11' Aluminum Hauler Body 25k Turn Over Gooseneck & 18k Rear Receiver, Lights in Headboard & Rear Apron (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,745.00
RTB 11HAULER-SB	DuraMag 11' Smooth Skirted Aluminum Hauler Body Front & Rear Underbody Boxes, 25k Turn Over Gooseneck & 18k Rear Receiver, Lights in Headboard & Rear Apron (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,325.00
	SMYRNA TRUCK CENTER	
FB 8GN	BlueRidge Rodeo 8' Gooseneck w/rear tail skirt hitch including two plugs and duplicate tail lights in cab shield. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,305.00
FB 9GN	BlueRidge Rodeo 9' Gooseneck w/rear tail skirt hitch including two plugs and duplicate tail lights in cab shield. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,305.00
FB 11GN	BlueRidge Rodeo 11' Gooseneck w/rear tail skirt hitch including two plugs and duplicate tail lights in cab shield. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,590.00

8' FLAT BED

Knapheide

K PVMXS-898C	Knapheide 8' SRW flat bed with 40" bulkhead, screened window and ICC bumper req's 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$7,975.00
K PVMXS-89C	Knapheide 8' DRW flat bed with 40" bulkhead, screened window and ICC bumper req's 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$8,625.00
K VENTURO VC416SF-ES	ADD electric hoist to 9' - 10' flatbed.	$6,030.00
K R4096-08	ADD stake sides to 8' flatbed	$2,960.00

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Premier

PTC 880SFB	PREMIER 8' SRW FLAT BED FOR 56" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$5,735.00
PTC 896SFB	PREMIER 8' DRW FLAT BED FOR 56" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$5,735.00
PTC AMUM8-STAKE	44" Aluminum stake sides for 8' flatbed.	$2,250.00

DVA

DVA 8FLAT	CM Truck Beds 8.5' single rear wheel flatbed body includes ICC bumper with class IV hitch and 7/4 way trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires 98 CA.	$8,830.00

SMYRNA TRUCK CENTER

FB FB8-SRW	FB 8' SRW FLAT BED FOR 56" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,775.00
FB FB8-DRW	FB 8' DRW FLAT BED FOR 56" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,775.00
FB STEEL8-STAKE	44" Aluminum stake sides for 8' flatbed.	$1,940.00

9' FLAT BED

Knapheide

K PVMXS-938C	Knapheide 9' SRW flat bed with 40" bulkhead, screened window and ICC bumper req's 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$8,025.00
K PVMXS-93C	Knapheide 9' DRW flat bed with 40" bulkhead, screened window and ICC bumper req's 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$8,705.00
K VENTURO VC416SF-ES	ADD electric hoist to 9' - 10' flatbed.	$6,030.00
K R4096-09	ADD stake sides to 9' flatbed	$3,015.00

Premier

PTC 980SFB	PREMIER 9' SRW FLAT BED FOR 60" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$6,425.00
PTC 996SFB	PREMIER 9' DRW FLAT BED FOR 60" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$6,425.00
PTC AMUM9-STAKE	44" Aluminum stake sides for 9' flatbed.	$2,435.00

ABG FABRICATION

ABG FLAT10-ST	ABG Fabrication 10' X 8' Flatbed for 60 CA chassis, crossmembers 12" OC, 3/16 floor, outside stake pockets and rub rail, skirted rear, LED running lights, smooth steel load floor. ICC Bumper Expanded metal rear window. Painted Black. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,530.00
ABG FLAT10-AL	ABG Fabrication 10' X 8' Flatbed for 60 CA chassis, crossmembers 12" OC, 3/16 floor, outside stake pockets and rub rail, skirted rear, LED running lights, smooth aluminum load floor. ICC Bumper Expanded metal rear window. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,530.00
ABG HOIST-EH	12-15T electric over hydraulic dumping flatbed.	$17,855.00

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DVA

DVA 9FLAT	CM Truck Beds 9' dual rear wheel wheel flatbed body includes ICC bumper with class IV hitch and 7/4 way trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires 60 CA.	$9,250.00

ACTION - READING

AF FLAT9-ST	9' Flatbed Dual Rear Wheel Action 11 Ga. Smooth Galvannealed steel Skin on Headboard and floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Headboard with Punched Window, and ICC bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$8,600.00
AF LR416B	RUGBY DOUBLE ACTING HOIST, LR-416B	$4,145.00
AF STAKE9	48" REMOVABLE STEEL STAKE SIDES AND REAR BARN DOORS FOR 9' BODY	$3,110.00
AF LR416SA-K	VENCO SINGLE ACTING DUMP HOIST.	$3,900.00

SMYRNA TRUCK CENTER

FB FB9-SRW	FB 9' SRW FLAT BED FOR 60" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,775.00
FB FB9-DRW	FB 9' DRW FLAT BED FOR 60" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,775.00
FB STEEL9-STAKE	44" Aluminum stake sides for 9' flatbed.	$2,080.00

10'/11' FLAT BED

Knapheide

K PVMXS-103C	Knapheide 10' DRW flat bed with 40" bulkhead, screened window and ICC bumper req's 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$8,970.00
K VENTURO VC516SF-ES	ADD electric hoist to 9' - 12' flatbed	$5,060.00
K R4096-10	ADD stake sides to 10' flatbed	$3,070.00

Premier

PTC 1096SFB	PREMIER 10' DRW FLAT BED FOR 60" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$7,125.00
PTC AMUM10-STAKE	44" Aluminum stake sides for 10' flatbed	$2,625.00

DVA

DVA 10STAKE	CM Truck Beds 10' stake body with 40" stake sides, lazer cut window, and IIC bumper with class IV hitch and 7/4 wire trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,450.00
DVA 11FLAT	CM Truck Beds 11' dual rear wheel flatbed body includes ICC bumper with class IV hitch and 7/4 way trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires 84 CA.	$9,810.00

ACTION - READING

AF FLAT10-ST	10' Flatbed DRW Action 11 Ga. Smooth Galvannealed steel Skin on Headboard and floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Headboard with Punched Window, & ICC bumper (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.).	$8,815.00
AF LR416B	RUGBY DOUBLE ACTING HOIST, LR-416B	$4,145.00

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FB FB10-DRW	FB 10' DRW FLAT BED FOR 60" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,965.00
FB STEEL10-STAKE	44" Aluminum stake sides for 10' flatbed	$2,175.00

12' FLAT BED

Knapheide

K FLAT12	Knapheide 12' DRW flat bed with 40" bulkhead, screened window and ICC bumper req's 84" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,580.00
K VENTURO VC516SF-ES	ADD electric hoist to 9' - 12' flatbed	$5,060.00
K R4096-12	ADD stake sides to 12' flatbed	$3,745.00

Premier

PTC 1296SFB	PREMIER 12' DRW FLAT BED FOR 84" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$8,520.00
PTC ALUM12-STAKE	44" Aluminum stake sides for 12' flatbed	$3,000.00
PTC VC516ES	Venco Electric Hoist for 12' flatbed	$4,615.00

ABG FABRICATION

ABG FLAT12-AL	ABG Fabrication 12' X 8' Flatbed for 84 CA chassis, crossmembers 12" OC, 3/16 floor, outside stake pockets and rub rail, skirted rear, LED running lights, smooth aluminum load floor. ICC Bumper Expanded metal rear window. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$10,370.00
ABG FLAT12-ST	ABG Fabrication 12' X 8' Flatbed for 84 CA chassis, crossmembers 12" OC, 3/16 floor, outside stake pockets and rub rail, skirted rear, LED running lights, smooth steel load floor. ICC Bumper Expanded metal rear window. Painted Black. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$10,370.00
ABG HOIST-EH	12-15T electric over hydraulic dumping flatbed.	$17,855.00

DVA

DVA 12STAKE	CM Truck Beds12' stake body with 40" stake sides, lazer cut window, and IIC bumper with class IV hitch and 7/4 wire trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,150.00

ACTION - READING

AF FLAT12-ST	12' Flatbed DRW Action 11 Ga. Smooth Galvannealed steel Skin on Headboard and floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Headboard with Punched Window, & ICC bumper (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.).	$12,480.00
AF LR416B	RUGBY DOUBLE ACTING HOIST, LR-416B	$4,145.00

SMYRNA TRUCK CENTER

FB FB12-DRW	FB 12' DRW FLAT BED FOR 84" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$10,130.00
FB STEEL12-STAKE	44" Aluminum stake sides for 12' flatbed	$2,275.00
FB VC516ES	Venco Electric Hoist for 12' flatbed	$4,835.00

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14' FLAT BED

Knapheide

K FLAT14	Knapheide 14' DRW flat bed with 40" bulkhead, screened window and ICC bumper req's 108" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,165.00
K VENTURO VC520SF-ES	ADD electric hoist to 14' flatbed	$6,035.00
K R4096-14	ADD stake sides to 14' flatbed	$3,860.00

Premier

PTC 1496SFB	PREMIER 14' DRW FLAT BED FOR 108" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$9,915.00
PTC ALUM14-STAKE	44" Aluminum stake sides for 14' flatbed	$3,375.00
PTC VC520ES	Venco Electric Hoist for 14' flatbed	$4,950.00

ABG FABRICATION

ABG FLAT14-ST	ABG Fabrication 14' X 8' Flatbed for 120 CA chassis, crossmembers 12" OC, 3/16 floor, outside stake pockets and rub rail, skirted rear, LED running lights, smooth steel load floor. ICC Bumper Expanded metal rear window. Painted Black. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,140.00
ABG FLAT14-AL	ABG Fabrication 14' X 8' Flatbed for 120 CA chassis, crossmembers 12" OC, 3/16 floor, outside stake pockets and rub rail, skirted rear, LED running lights, smooth aluminum load floor. ICC Bumper Expanded metal rear window. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,140.00
ABG HOIST-EH	12-15T electric over hydraulic dumping flatbed.	$17,855.00

DVA

DVA 14STAKE	CM Truck Beds 14' stake body with 40" stake sides, lazer cut window, and IIC bumper with class IV hitch and 7/4 wire trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,550.00

ACTION - READING

AF FLAT14-ST	14' Flatbed DRW Action 11 Ga. Smooth Galvannealed steel Skin on Headboard and floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Headboard with Punched Window, & ICC bumper (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.).	$9,365.00
AF LR416B	RUGBY DOUBLE ACTING HOIST, LR-416B	$4,145.00

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FB FB14-DRW	FB 14' DRW FLAT BED FOR 108" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,010.00
FB STEEL14-STAKE	44" Aluminum stake sides for 14' flatbed	$2,580.00
FB VC520ES	Venco Electric Hoist for 14' flatbed	$5,520.00

16' FLAT BED

Knapheide

K FLAT16	Knapheide 16' DRW flat bed with 40" bulkhead, screened window and ICC bumper req's 120" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$12,360.00
K VENTURO VC620SF-ES	ADD electric hoist to 16' flatbed	$7,320.00
K R4096-16	ADD stake sides to 16' flatbed	$3,975.00

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	Premier	
PTC 1696SFB	PREMIER 16' DRW FLAT BED FOR 120" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,310.00
PTC ALUM16-STAKE	44" Aluiminum stake sides for 16' flatbed	$3,750.00
PTC VC620ES	Venco Electric Hoist for 16' flatbed	$6,110.00
	DVA	
DVA 16STAKE	CM Truck Beds 16' stake body with 40" stake sides, lazer cut window, and IIC bumper with class IV hitch and 7/4 wire trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,250.00
	ACTION - READING	
AF FLAT16-ST	16' Flatbed DRW Action 11 Ga. Smooth Galvannealed steel Skin on Headboard and floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Headboard with Punched Window, & ICC bumper (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.).	$10,600.00
AF LR416B	RUGBY DOUBLE ACTING HOIST, LR-416B	$4,145.00
	SMYRNA TRUCK CENTER	
FB FB16-DRW	FB 16' DRW FLAT BED FOR 120" CA includes 44" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,070.00
FB STEEL16-STAKE	44" Aluiminum stake sides for 16' flatbed	$3,035.00
FB VC620ES	Venco Electric Hoist for 16' flatbed	$0.00

18' FLAT BED

	Premier	
PTC 1896SFB	PREMIER 18' DRW FLAT BED FOR 132" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,705.00
PTC ALUM18-STAKE	44" Aluiminum stake sides for 18' flatbed	$4,125.00
	DVA	
DVA 18STAKE	CM Truck Beds 18' stake body with 40" stake sides, lazer cut window, and IIC bumper with class IV hitch and 7/4 wire trailer wiring, painted black. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,350.00
	SMYRNA TRUCK CENTER	
FB FB18-DRW	FB 18' DRW FLAT BED FOR 132" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$12,470.00
FB STEEL18-STAKE	44" Aluiminum stake sides for 18' flatbed	$3,330.00

20' FLAT BED

	Premier	
PTC 2096SFB	PREMIER 20' DRW FLAT BED FOR 144" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,100.00
PTC ALUM20-STAKE	44" Aluiminum stake sides for 20' flatbed	$4,500.00

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FB FB20-DRW	FB 20' DRW FLAT BED FOR 144" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, one piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,275.00
FB STEEL20-STAKE	44" Aluiminum stake sides for 20' flatbed	$3,775.00

22' FLAT BED

Premier

PTC 2296SFB	PREMIER 22' DRW FLAT BED FOR 156" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, TWO piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,155.00
PTC ALUM22-STAKE	44" Aluiminum stake sides for 22' flatbed	$4,875.00

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FB FB22-DRW	FB 22' DRW FLAT BED FOR 156" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, TWO piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,345.00
FB STEEL22-STAKE	44" Aluiminum stake sides for 22' flatbed	$4,080.00

24' FLAT BED

Premier

PTC 2496SFB	PREMIER 24' DRW FLAT BED FOR 168" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, TWO piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,610.00
PTC ALUM24-STAKE	44" Aluiminum stake sides for 24' flatbed	$5,250.00

SMYRNA TRUCK CENTER

FB FB24-DRW	FB 24' DRW FLAT BED FOR 168" CA includes 53" Headboard W/ Punched Window, 12" O/C Crossmembers 3/16" smooth floor, TWO piece construction, and ICC Bumper. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$14,840.00
FB STEEL24-STAKE	44" Aluiminum stake sides for 24' flatbed	$4,385.00

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Light Dump Bodies

PREMIER TRUCK

PTC DU913	9' Godwin 13" fixed side E/H dump body with ground control tarp including arm bars, 6" cheater boards, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,560.00
PTC DU918	9' Godwin 18" fixed side E/H dump body with ground control tarp including arm bars, 6" cheater boards, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,930.00
PTC DU1113	11' Godwin 13" fixed side E/H dump body with ground control tarp including arm bars, 6" cheater boards, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,195.00
PTC DU1118	11' Godwin 18" fixed side E/H dump body with ground control tarp including arm bars, 6" cheater boards, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,865.00

Reading Rugby

AF DU-RGBY912	9' L X 96" W 2-3 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2) 6 inch cheater boards installed inside pockets. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,505.00
AF DU-RGBY916	9' L X 96" W 3-4 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2) 6 inch cheater boards installed inside pockets. Req's 14,000 to 15,500 GVW Truck (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,495.00
AF DU-RGBY1112	11' L X 96" W 2-3 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2) 6 inch cheater boards installed inside pockets. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,085.00
AF DU-RGBY1116	11' L X 96" W 3-4 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2)- 6 inch cheater boards installed inside pockets. Req's 14,000 to 15,500 GVW Domistec Truck (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,175.00
AF FDS	UPGRADE RUGBY DUMP TO INCLUDE FOLD DOWN SIDES	$750.00

Knapheide

K KDBF912B	Knapheide 9' 2-3 YD 12" side dump with 6" cheater boards. Includes ground tarp control with spring loaded arm bars and ICC bumper. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 60" CA	$19,650.00
K KDBF916B	Knapheide 9' 3-4 YD 16" side dump with 6" cheater boards. Includes ground tarp control with spring loaded arm bars and ICC bumper. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 60" CA	$20,070.00
K KDBF1112B	Knapheide 11' 2-3 YD 12" side dump with 6" cheater boards. Includes ground tarp control with spring loaded arm bars and ICC bumper. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 84" CA	$21,860.00
K KDBF1116B	Knapheide 11' 3-4 YD 16" side dump with 6" cheater boards. Includes ground tarp control with spring loaded arm bars and ICC bumper.	$21,945.00

ROYAL TRUCK

RTB DUMP9-AL	Duramag 9' Smooth Side Aluminum Dump Body, with 14" Sides & 21" Tailgate, 9' Champion Scissor Hoist - Electric Push Control Dual Action Pump includes manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 60" CA.	$20,575.00
RTB DUMP9F-AL	Duramag 9' Smooth Side Aluminum FOLD DOWN SIDE Dump Body, with 14" Sides & 21" Tailgate, 9' Champion Scissor Hoist - Electric Push Control Dual Action Pump includes manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 60" CA.	$22,715.00
RTB DUMP11-AL	Duramag 9' Smooth Side Aluminum Dump Body, with 14" Sides & 21" Tailgate, 11' Champion Scissor Hoist - Electric Push Control Dual Action Pump includes manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 84" CA.	$22,565.00

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RTB DUMP11F-AL	Duramag 11' Smooth Side Aluminum FOLD DOWN SIDE Dump Body, with 14" Sides & 21" Tailgate, 11' Champion Scissor Hoist - Electric Push Control Dual Action Pump includes manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 84" CA.	$24,700.00

SMYRNA TRUCK CENTER

FB DU-RGBY912	9' L X 96" W 2-3 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2) 6 inch cheater boards installed inside pockets. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,560.00
FB DU-RGBY916	9' L X 96" W 3-4 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2) 6 inch cheater boards installed inside pockets. Req's 14,000 to 15,500 GVW Truck (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,885.00
FB DU-RGBY1112	11' L X 96" W 2-3 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2) 6 inch cheater boards installed inside pockets. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,155.00
FB DU-RGBY1116	11' L X 96" W 3-4 Yard Rugby Eliminator series Tipper Dump: 10 Ga. Steel Construction, Single Acting Electric Hoist, ICC Bumper, 1/4 Cab Shield, Semi-Auto Tarp System with spring loaded arm bars, and (2)- 6 inch cheater boards installed inside pockets. Req's 14,000 to 15,500 GVW Domistec Truck (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,515.00
FB FDS	UPGRADE RUGBY DUMP TO INCLUDE FOLD DOWN SIDE (PER SIDE).	$975.00

MEDIUM DUTY DUMP BODIES

READING - MEDIUM DUTY

AF DU-RGBY1057-MD	10' L X 96" W 5-7 Yard Tipper Rugby Titan Series Dumps: 10 Ga. Construction, 8 Ga. Floor, Painted Black, Hot Shift PTO, Semi-Auto Tarp with Spring Loaded Arm Bars, (2) Cheater Boards, ICC Bumper, For Medium Duty Trucks. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires Factory PTO Provision.	$32,465.00
AF DU-RGBY1068-MD	10' L X 96" W 6-8 Yard Tipper Rugby Titan Series Dumps: 10 Ga. Construction, 8 Ga. Floor, Painted Black, Hot Shift PTO, Semi-Auto Tarp with Spring Loaded Arm Bars, (2) Cheater Boards, ICC Bumper, For Medium Duty Trucks. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires Factory PTO Provision.	$32,870.00
AF COAL	ADD COAL CHUTE TO MEDIUM DUTY DUMP	$725.00

PREMIER TRUCK

PTC DU10-5	10' Godwin 30" Fixed sides, hydraulic hoist, includes ground control tarp including arm bars, 6" cheater boards, rear gate, muncie PTO, pump, reservoir, plumbing, and fluid. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$26,720.00

SMYRNA TRUCK CENTER

FB DU-RGBY1057-MD	10' L X 96" W 5-7 Yard Tipper Rugby Titan Series Dumps: 10 Ga. Construction, 8 Ga. Floor, Painted Black, Hot Shift PTO, Semi-Auto Tarp with Spring Loaded Arm Bars, (2) Cheater Boards, ICC Bumper, For Medium Duty Trucks. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires Factory PTO Provision.	$29,430.00
FB DU-RGBY1068-MD	10' L X 96" W 6-8 Yard Tipper Rugby Titan Series Dumps: 10 Ga. Construction, 8 Ga. Floor, Painted Black, Hot Shift PTO, Semi-Auto Tarp with Spring Loaded Arm Bars, (2) Cheater Boards, ICC Bumper, For Medium Duty Trucks. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires Factory PTO Provision.	$35,330.00
FB DU-RGBY1268-MD	12' L X 96" W 6-8 Yard Tipper Rugby Titan Series Dumps: 10 Ga. Construction, 8 Ga. Floor, Painted Black, Hot Shift PTO, Semi-Auto Tarp with Spring Loaded Arm Bars, (2) Cheater Boards, ICC Bumper, For Medium Duty Trucks. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) Requires Factory PTO Provision.	$34,915.00
FB COAL	ADD COAL CHUTE TO MEDIUM DUTY DUMP	$500.00

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TRASH DUMP (42'' EXPANDED METAL SIDES)

SMYRNA TRUCK CENTER

FB 1042TD	10' Blue Ridge Trash Dump: 11 Ga. Smooth Galvannealed Steel Skin on Headboard and Floor, Powder Coat Black, Structural Steel Cross Members on 16" Centers, 42" Solid Metal Sides, 42" Solid Metal Rear Barn Doors, Donovan 2000X Manual Tarp with Rear Pull Bar and rope with Ground Control with Venco VC516-ED, Single Acting Electric Hoist (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,790.00
FB TD1242	12' Blue Ridge Trash Dump: 11 Ga. Smooth Galvannealed Steel Skin on Headboard and Floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Expanded Metal Sides, 42" Expanded Metal Rear Barn Doors, ICC Bumper, Donovan 2000X Manual Tarp with Rear Pull Bar and rope with Ground Control with Venco VC516-ED, Single Acting Electric Hoist (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,725.00
FB TD1442	14' Blue Ridge Trash Dump: 11 Ga. Smooth Galvannealed Steel Skin on Headboard and Floor, Powder Coat Black, Structural Steel Cross Members on 12" Centers, 42" Expanded Metal Sides, 42" Expanded Metal Rear Barn Doors, ICC Bumper, Donovan 2000X Manual Tarp with Rear Pull Bar and rope with Ground Control with Venco VC520DA, Single Acting Electric Hoist (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,230.00

CONTRACTOR DUMP BODIES

Premier

PTC 1296SCB	Premier 12' E/H contractor dump with ground level tarp including arm bars, 14" solid sides, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,820.00
PTC 1496SCB	Premier 14' E/H contractor dump with ground level tarp including arm bars, 14" solid sides, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,860.00
PTC 1696SCB	Premier 16' E/H contractor dump with ground level tarp including arm bars, 14" solid sides, and rear gate. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$21,480.00

Knapheide

K CONT-DUMP12	Knapheide 12' contractors dump with 14" solid sides and rear barn doors with electric hoist, includes manual tarp (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 84" CA	$19,485.00
K CONT-DUMP14	Knapheide 14' contractors dump with 14" solid sides and rear barn doors with electric hoist, includes manual tarp (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) req's 108" CA	$21,695.00
K CONT-DUMP16	Knapheide 16' contractors dump with 14" solid sides and rear barn doors with electric hoist, includes manual tarp (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)req's 120" CA	$23,715.00

Dump Accessories

Knapheide

K DONOVAN-4200P	Manual Tarp Roller	$2,540.00
K U S E-TARP	Upgrade to Electric Tarp System.	($7,015.00)
AF ETS	Upgrade to Electric Tarp System in lieu of semi-auto tarp.	$2,140.00

Premier

PTC-MTR	Manual Tarp Roller, includes up to a 20' mesh tarp	$1,040.00
PTC-ETS	Electric Tarp System	$2,935.00
PTC-SATR	Semi automatic Manual Tarp Roller, includes arm and ground level crank	$2,265.00

Reading

AF CLV-DUMP	HITCH PLATE WITH RECEIVER HITCH	$990.00
AF 7/4WIRE	7/4 WAY TRAILER RECEPTACLE	$260.00

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FB ETS	Upgrade to Electric Tarp System in lieu of semi-auto tarp.	$1,935.00
FB CLV-DUMP	HITCH PLATE WITH RECEIVER HITCH	$915.00

LCF DUMP

ROYAL TRUCK

RTB DUMP12-AL-LCF	Duramag 12' **LCF** Aluminum FOLD DOWN SIDE Smooth Side Dump Body, 14" Sides & 21" Tailgate, Champion Scissor Hoist - Electric Push Control Dual Action Pump includes manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 84" CA.	$22,870.00
RTB DUMP12F-AL-LCF	Duramag 12' **LCF** Aluminum FOLD DOWN SIDE Smooth Side Dump Body, 14" Sides & 21" Tailgate, Champion Scissor Hoist - Electric Push Control Dual Action Pump includes manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 84" CA.	$24,960.00

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PREMIER TRUCK EQUIPMENT

PTC BOX24-UB	24X18X18 Steel under body tool box, installed.	$485.00
PTC BOX24-FM	24X18X18 Steel under body tool box, frame mounted for dump applications.	$830.00
PTC BOX30-UB	30X18X18 Steel under body tool box, installed.	$525.00
PTC BOX30-FM	30X18X18 Steel under body tool box, frame mounted for dump applications.	$870.00
PTC BOX36-UB	36X18X18 Steel under body tool box, installed.	$570.00
PTC BOX36-FM	36X18X18 Steel under body tool box, frame mounted for dump applications.	$915.00
PTC BOX36-UB-AL	36X18X18 Aluminum under body tool box, installed.	$700.00
PTC BOX36-FM-AL	36X18X18 Aluminum under body tool box, frame mounted for dump applications.	$1,045.00
PTC BOX48-UB	48X18X18 Steel under body tool box, installed.	$695.00
PTC BOX48-FM	48X18X18 Steel under body tool box, frame mounted for dump applications.	$1,040.00
PTC BOX48-UB-AL	48X18X18 Aluminum under body tool box, installed.	$845.00
PTC BOX48-FM-AL	48X18X18 Aluminum under body tool box, frame mounted for dump applications.	$1,185.00
PTC BOX60-UB	60X18X18 Steel under body tool box, installed.	$810.00
PTC BOX60-FM	60X18X18 Steel under body tool box, frame mounted for dump applications.	$1,155.00
PTC-UB-BRACKET	Under body Tool Box mount bracket for dump applications.	$340.00

READING CORP

AF BOX24-UB	24" X 18" X 18" Powder coated black welded under bed	$520.00
AF BOX24-FM	24" X 18" X 18" Powder coated black frame mounted for dump applications.	$500.00
AF BOX30-UM	Underbody 30x18x18 steel tool box	$575.00
AF BOX30-FM	Underbody 30x18x18 steel tool box, mounted to frame for dump applications.	$575.00
AF BOX36-UM	Underbody 36x18x18 steel tool box, bolted under flatbed.	$625.00
AF BOX36-FM	Underbody 36x18x18 steel tool box, mounted to frame for dump applications.	$0.00
AF BOX48-UM	Underbody 48x18x18 steel tool box	$715.00
AF BOX48-FM	Underbody 48x18x18 steel tool box, mounted to frame for dump applications.	$715.00
AF BOX60-UM	Underbody 60x18x18 steel tool box, bolted under flatbed	$850.00
AF BOX60-FM	Underbody 60x18x18 steel tool box, mounted to frame for dump applications.	$850.00

ABG ACCESSORIES

ABG BOX30SRW	Buyers products underbody toolbox, 15X13X30 for under 8' bed delete trucks. T-Handle, keyed alike if multiples purchased, powdercoated black	$935.00
ABG BOX30SRW-AL	Buyers products underbody toolbox, 15X13X30 for under 8' bed delete trucks. T-Handle, keyed alike if multiples purchased, diamond tread aluminum	$1,000.00

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ABG BOX30DRW	Buyers products underbody toolbox, 18X18X30 for under 9' bed trucks. T-Handle, keyed alike if multiples purchased, powdercoated black	$935.00
ABG BOX30DRW-AL	Buyers products underbody toolbox, 18X18X30 for under 9' bed trucks. T-Handle, keyed alike if multiples purchased, diamond tread aluminum	$1,000.00
ABG BOX36-UB	Buyers products underbody toolbox, 18X18X36 for under 9' bed trucks. T-Handle, keyed alike if multiples purchased, powdercoated black (will go past the angled corner at front of bed)	$935.00
ABG BOX36-UB-AL	Buyers products underbody toolbox, 18X18X36 for under 9' bed trucks. T-Handle, keyed alike if multiples purchased, diamond tread aluminum (will go past the angled corner at front of bed)	$1,085.00
ABG BOX48-UB	Buyers products underbody toolbox, 18X18X48 for under 11' bed trucks. T-Handle, keyed alike if multiples purchased, powdercoated black	$1,060.00
ABG BOX48-UB-AL	Buyers products underbody toolbox, 18X18X48 for under 11' bed trucks. T-Handle, keyed alike if multiples purchased, diamond tread aluminum	$1,375.00
ABG BOX60-UB	Buyers products underbody toolbox, 18X18X60 for under 14' bed trucks. T-Handle, keyed alike if multiples purchased, powdercoated black	$1,185.00
ABG BOX60-UB-AL	Buyers products underbody toolbox, 18X18X60 for under 14' bed trucks. T-Handle, keyed alike if multiples purchased, diamond tread aluminum	$1,535.00

KNAPHEIDE - KTEC

K BOX24-UB	Underbody 24X18X18 steel tool box, bolted under flat bed.	$875.00
K BOX24-FM	Underbody 24X18X18 steel tool box, frame mounted for dump applications.	$985.00
K BOX30-UB	Underbody 30X18X18 steel tool box, bolted under flat bed.	$895.00
K BOX 30-FM	Underbody 30X18X18 steel tool box, frame mounted for dump applications.	$1,005.00
K BOX36-UB	Underbody 36X18X18 steel tool box, bolted under flat bed.	$985.00
K BOX48-FM	Underbody 48X18X18 steel tool box, frame mounted for dump applications.	$1,235.00
K BOX36-UB-AL	Underbody 36X18X18 aluminum tool box, bolted under flat bed.	$1,135.00
K BOX36-FM-AL	Underbody 36X18X18 aluminum tool box, frame mounted for dump applications.	$1,245.00
K BOX48-UB	Underbody 48X18X18 steel tool box, bolted under flat bed.	$1,125.00
K BOX60-FM	Underbody 60X18X18 steel tool box, frame mounted for dump applications.	$1,380.00
K BOX48-UB-AL	Underbody 48X18X18 aluminum tool box, bolted under flat bed.	$1,135.00
K BOX48-FM-AL	Underbody 48X18X18 aluminum tool box, frame mounted for dump applications.	$1,395.00
K BOX60-UB	Underbody 60X18X18 steel tool box, bolted under flat bed.	$1,270.00

SMRYNA TRUCK CENTER

FB BOX24-UB	24" X 18" X 18" Powder coated black welded under bed	$375.00
FB BOX24-FM	24" X 18" X 18" Powder coated black frame mounted for dump applications.	$780.00
FB BOX30-UM	Underbody 30x18x18 steel tool box, bolted under flatbed	$405.00
FB BOX30-FM	Underbody 30x18x18 steel tool box, mounted to frame for dump applications.	$815.00
FB BOX36-UM	Underbody 36x18x18 steel tool box, bolted under flatbed.	$405.00

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FB BOX36-FM	Underbody 36x18x18 steel tool box, mounted to frame for dump applications.	$810.00
FB BOX48-UM	Underbody 48x18x18 steel tool box, bolted under flatbed	$465.00
FB BOX48-FM	Underbody 48x18x18 steel tool box, mounted to frame for dump applications.	$870.00
FB BOX60-UM	Underbody 60x18x18 steel tool box, bolted under flatbed	$545.00
FB BOX60-FM	Underbody 60x18x18 steel tool box, mounted to frame for dump applications.	$950.00
FB BOX36-FM-AL	36X18X18 Aluminum under body tool box, frame mounted for dump applications.	$810.00
FB BOX36-UB-AL	36X18X18 Aluminum under body tool box, installed.	$680.00
FB BOX48-FM-AL	48X18X18 Aluminum under body tool box, frame mounted for dump applications.	$895.00
FB BOX48-UB-AL	48X18X18 Aluminum under body tool box, installed.	$760.00
FB-UB-BRACKET	Under body Tool Box mount bracket for dump applications.	$130.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

READING CORP ALUM BOX

12' ALUMINUM BOX

AF DRY 12 AL	J & B Aluminum 12' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood interior, Alum diamond plate Radius Front, Pine Floor, 72" tread plate step bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,175.00

14' ALUMINUM BOX

AF DRY 14 AL	J & B Aluminum 14' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,335.00

16' ALUMINUM BOX

AF DRY 16 AL	J & B Aluminum 16' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,665.00

18' ALUMINUM BOX

AF DRY 18 AL	J & B Aluminum 18' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$21,440.00

20' ALUMINUM BOX

AF DRY 20 AL	J & B Aluminum 20' L x 96" W x 96" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$23,730.00

22' ALUMINUM BOX

AF DRY 22 AL	J & B Aluminum 22' L x 96" W x 96" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$25,145.00

24' ALUMINUM BOX

AF DRY 24 AL	J & B Aluminum 24' L x 96" W x 96" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$26,335.00

READING CORP FRP BOX

12' FRP BOX

AF DRY 12 FRP	J & B FRP 12' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$17,865.00

14' FRP BOX

AF DRY 14 FRP	J & B FRP 14' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,460.00

16' FRP BOX

AF DRY 16 FRP	J & B FRP 16' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,735.00

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18' FRP BOX

AF DRY 18 FRP	J & B FRP 18' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$22,670.00

20' FRP BOX

AF DRY 20 FRP	J & B FRP 20' L x 96" W x 96" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$25,065.00

22' FRP BOX

AF DRY 22 FRP	J & B FRP 22' L x 96" W x 96" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$26,510.00

24' FRP BOX

AF DRY 24 FRP	J & B FRP 24' L x 96" W x 96" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$28,385.00

KNAPHEIDE ALUMINUM

12' ALUMINUM BOX

K DRY 12 AL	KNAPHEIDE 12' Aluminum DRY FREIGHT 96"X84" , Pine floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,090.00

14' ALUMINUM BOX

K DRY 14 AL	KNAPHEIDE 14' Aluminum 96"X84" DRY FREIGHT, Pine floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,070.00

16' ALUMINUM BOX

K DRY 16 AL	KNAPHEIDE 16' Aluminum 96"X84" DRY FREIGHT, Pine floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,320.00

18' ALUMINUM BOX

K DRY 18 AL	KNAPHEIDE 18' Aluminum 96"X96" Dry Freight, Oak floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,615.00

20' ALUMINUM BOX

K DRY 20 AL	KNAPHEIDE 20' Aluminum 96"X96" DRY Freight, Oak floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$19,135.00

22' ALUMINUM BOX

K DRY 22 AL	KNAPHEIDE 22' Aluminum 96"X96" Dry Freight, Oak floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,225.00

24' ALUMINUM BOX

K DRY 24 AL	KNAPHEIDE 24' Aluminum 96"X96" Dry Freight, Oak floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,730.00

26' ALUMINUM BOX

K DRY 26 AL	KNAPHEIDE 26' Aluminum 96"X96" Dry Freight, Oak floor, Universal lining, ICC bumper, Dome Light (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$22,045.00

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SMRYNA TRUCK CENTER

	12' ALUMINUM BOX	
FB DRY 12 AL	FB Aluminum 12' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,205.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	14' ALUMINUM BOX	
FB DRY 14 AL	FB Aluminum 14' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,230.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	16' ALUMINUM BOX	
FB DRY 16 AL	FB Aluminum 16' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$18,945.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	18' ALUMINUM BOX	
FB DRY 18 AL	FB Aluminum 18' L x 96" W x 84" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$19,920.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	20' ALUMINUM BOX	
FB DRY 20 AL	FB Aluminum 20' L x 96" W x 96" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,920.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	22' ALUMINUM BOX	
FB DRY 22 AL	FB Aluminum 22' L x 96" W x 96" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$21,580.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	24' ALUMINUM BOX	
FB DRY 24 AL	FB Aluminum 24' L x 96" W x 96" H Dry Freight Van Bodies: Aluminum w / Plywood Interior, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$23,235.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	12' COMPOSITE	
FB DRY 12 COMP	FB RIDGE COMPOSITE 12' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1- Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,155.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00

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	14' COMPOSITE	
FB DRY 14 COMP	FB RIDGE COMPOSITE 14' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1-Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$20,980.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	16' COMPOSITE	
FB DRY 16 COMP	FB RIDGE COMPOSITE 16' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1-Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$22,480.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	18' COMPOSITE	
FB DRY 18 COMP	FB RIDGE COMPOSITE 18' L x 96" W x 84" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1-Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$22,890.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	20' COMPOSITE	
FB DRY 20 COMP	FB RIDGE COMPOSITE 20' L x 96" W x 96" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1-Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$24,785.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	22' COMPOSITE	
FB DRY 22 COMP	FB RIDGE COMPOSITE 22' L x 96" W x 96" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1-Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$25,870.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00
	24' COMPOSITE	
FB DRY 24 COMP	FB RIDGE COMPOSITE 24' L x 96" W x 96" H Dry Freight Van Bodies: FRP, Radius Front, Pine Floor, ICC Bumper, 1-Dome Light, 2- Rear Grab Handles, ** Composite Roll-up Rear Door (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$27,915.00
FB BUMP-FULL	14" Full Width Step Bumper	$520.00

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COMPRESSED AIR SYSTEMS

UNDER HOOD

CAS VR-70 G	VMAC underhood (Gas Engine) Belt Driven Rotary Screw capable up to 70cfm at 100psi (150psi max), 100% duty cycle. Mounts under the trucks hood with an engineered bracket and belt drive system. 2 Year Warranty, Lifetime airend warranty. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$16,455.00
CAS VR-70 D	VMAC underhood (Diesel Engine) Belt Driven Rotary Screw capable up to 70cfm at 100psi (150psi max), 100% duty cycle. Mounts under the trucks hood with an engineered bracket and belt drive system. 2 Year Warranty, Lifetime airend warranty. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$16,455.00
CAS VR-150 G	VMAC underhood (Gase Engine) Belt Driven Rotary Screw capable up to 150cfm at 100psi (150psi max), 100% duty cycle. Mounts under the trucks hood with an engineered bracket and belt drive system. 2 Year Warranty, Lifetime airend warranty. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$25,020.00
CAS VR-150 D	VMAC underhood (Diesel Engine) Belt Driven Rotary Screw capable up to 150cfm at 100psi (150psi max), 100% duty cycle. Mounts under the trucks hood with an engineered bracket and belt drive system. 2 Year Warranty, Lifetime airend warranty. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$24,690.00

PTO DRIVEN

VMAC PTO DTM70H	VMAC (PTO Driven Air Compressor & Hydraulic pump) Air Compressor Output Up to 70 CFM* @ 100 psi (175 psi max); actual CFM output dependent on engine RPM Air Compressor Type PTO driven, direct transmission mounted, 100% duty cycle, VMAC oil-injected rotary screw. Weight (wet) Approximately 180 lbs (81.6 kg) PTO (included) CHELSEA® 249 Series, electrically actuated, PTO indicator lamp Throttle Control 2 throttle control set-points available Adjustable up to 3,000 RPM Allows for dual speed operation with cranes that have available input/output for high idle mode Control System On/Off function of PTO and compressor LCD display Service notifications Error messages System temperature Compatible with start/stop crane modules Allows for simultaneous operation of both the air compressor and hydraulic pump Safety System Automatic compressor heater function Compressor over-temp sensor Automatic rapid blow-down valve on tank 200 psi air pressure relief valve Truck drive disable circuit on throttle control Truck park brake safety shut-off switch on control box Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$26,525.00

EXTERNAL MOUNT

CAS VMAC G30	VMAC Externally mounted belt driven rotary screw capable of 30cfm at 100psi (150psi max), 100% duty cycle. Includes remote start, 2 Year Warranty, Lifetime airend warranty, & 5 year subaru engine warranty. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$7,950.00

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CAS AIR-NARC 150 -14HP	VANAIR Air N ARC® 150 provides you with three forms of power in one compact and economic unit, allowing you to save space and weight on your vehicle. Providing up to 190 AMPs of welding power. Engine: 14 HP Kohler® Air Compressor: Reciprocating, 20 CFM, 150 PSI Generator: 5 kW Peak, 4.2 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets, Welder: 14 HP Stand-alone: CC: 40-190 AMPs Operating Range. Welder: 14 HP Stand-alone: CC: 40-190 AMPs Operating Range. Battery Charge/Booster: 150 AMPs 12V/24V Boost. Drive System: Belt Driven Fuel Capacity: 1.9 Gal. or Plumb to Chassis (Kohler® 14) Dimensions: 50.7L x 19.2W x 40.8H - 30 Gal. Kohler® 14 HP (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$11,480.00
CAS AIR-N-ARC 300 DIESEL	VANAIR Air N Arc 300 system, provides more efficient use of your truck bed and reduces cost by combining five power sources - Rotary screw on-demand air compressor, 7 kW generator, 300 AMP welder, battery booster and battery charger - into one single unit. Designed as a true two generator system, the Air N Arc 300 series allows multi-functioning such as welding and generator for lights for night time service Engine Diesel: 25 HP Kubota®, Liquid Cooled (Tier 4 Compliant) Air Compressor Rotary Screw: 175 PSI, 40 CFM. Generator: 7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets. Welder: High Frequency DC welding, 270 AMPS at 100% duty cycle CC: 40-300 AMPs Operating Range, CV: 15-30 Volts. Battery Charge/Booster: 300 AMPs 12V/24V Boost, 50 AMP 12V Charge Drive System Belt Driven Fuel Capacity: 12 Gal. Integral Tank. w/ 10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$33,605.00
CAS AIR-N-ARC 300 GAS	VANAIR Air N Arc 300 system, provides more efficient use of your truck bed and reduces cost by combining five power sources - Rotary screw on-demand air compressor, 7 kW generator, 300 AMP welder, battery booster and battery charger - into one single unit. Designed as a true two generator system, the Air N Arc 300 series allows multi-functioning such as welding and generator for lights for night time serviceEngine Gas: Engine Gas: 26.5 HP Kohler®, Air Cooled. Air Compressor Rotary Screw: 175 PSI, 40 CFM. Generator: 7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets. Welder: High Frequency DC welding, 270 AMPS at 100% duty cycle CC: 40-300 AMPs Operating Range, CV: 15-30 Volts. Battery Charge/Booster: 300 AMPs 12V/24V Boost, 50 AMP 12V Charge Drive System Belt Driven Fuel Capacity: 12 Gal. Integral Tank. w/ 10' Remote Panel (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$24,780.00
CAS AIR-N-ARC 300 HYDRAULIC 14.5	VANAIR Air N Arc® 300 Hydraulic All–In-One Power System® features the innovation of being hydraulically driven, while still offering all the advantages of the Air N Arc® 300 engine drive system including a 40 CFM rotary screw air compressor, 300 AMP welder, 300 AMP 12V charger and 12V/24V booster, and 7 kW generator. Designed as a true two generator system, the Air N Arc® 300 Hydraulic allows simultaneous dual functionality such as welding and generator for lights for nighttime service. The system offers a small footprint for side pack or behind-the-cab mounting and is ideal for trucks with hydraulics already installed, such as crane trucks. Drive System: Open Center Hydraulic. Hydraulic Requirements: 14.5 GPM @ 2500 PSI Single function. Air Compressor: Rotary Screw, 40 CFM, 175 PSI. Generator: 7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets. Welder: High Frequency DC Welding, 270 AMPs at 100% Duty Cycle CC: 40-300 AMPs Operating Range, CV: 15-30 Volts. Battery Booster/Charger: 300 AMPs 12V/24V Boost, 50 AMP 12V Charge. w/ 10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$21,270.00
CAS AIR-N-ARC 300 HYDRAULIC 19	VANAIR Air N Arc® 300 Hydraulic All–In-One Power System® features the innovation of being hydraulically driven, while still offering all the advantages of the Air N Arc® 300 engine drive system including a 40 CFM rotary screw air compressor, 300 AMP welder, 300 AMP 12V charger and 12V/24V booster, and 7 kW generator. Designed as a true two generator system, the Air N Arc® 300 Hydraulic allows simultaneous dual functionality such as welding and generator for lights for nighttime service. The system offers a small footprint for side pack or behind-the-cab mounting and is ideal for trucks with hydraulics already installed, such as crane trucks. Drive System: Open Center Hydraulic. Hydraulic Requirements: 19 GPM @ 2800 PSI Multifunction. Air Compressor: Rotary Screw, 40 CFM, 175 PSI. Generator: 7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets. Welder: High Frequency DC Welding, 270 AMPs at 100% Duty Cycle CC: 40-300 AMPs Operating Range, CV: 15-30 Volts. Battery Booster/Charger: 300 AMPs 12V/24V Boost, 50 AMP 12V Charge (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$21,270.00

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CAS AIR-N-ARC 300 OPEN	VANAIR Air N Arc I-300 six forms of power in a single 48" unit with full multi-functioning capabilities. Provides an integrated 40 CFM rotary screw compressor, 7 kW AC generator, 300 AMP welder, battery booster and battery charger, with the added power of a 13 GPM hydraulic pump. The Air N Arc® I-300 offers enough power to run a crane and the technology to integrate with the crane control. Engine: 25 HP Kubota®, Liquid Cooled (Tier 4 Compliant) Air Compressor: Rotary Screw, 40 CFM Free Air at High Speed 30 CFM Free Air at Idle, 175 PSI Generator: 7 kW Peak - 6.8 kW Continuous, AC Power, 60 Hz, Single Phase, 120V GFCI and 240V Outlets Hydraulic Output: Up to 13 GPM, Up to 3000 PSI (10.5 GPM Hydraulic Piston Pump) Welder: High Frequency DC Welding, 270 AMPs at 100% Duty Cycle CC: 40-300 AMPs Operating Range, CV: 15-30 Volts Battery Charge/Booster: 300 AMPs 12V/24V Boost, 50 AMP 12V Charge Drive System: Belt Driven Fuel Capacity: Plumb to Chassis or Remote Tank Provided by Customer.Open System w/10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system (additional charges apply for connection points.	$43,070.00
CAS POWERFLEX AE	VANAIR Powerflex AE provides 40 cfm rotary screw air compressor for air-on-demand that can power up to 1" impact wrench and a 7kW generator for all our electric needs, the Powerflex™ AE provides you with the tools to get the job done, with your truck engines turned off. CFM Rating: 40 CFM @ High Speed. Air Pressure: 150 PSI. Compressor Type: Rotary Screw. AC Generator: 6.8 kW @ 60 Hz, 120/240 V. Engine Type: 25 HP Kubota® Tier 4 Final. Drive System: Belt Driven. Fuel Type: Diesel. Fuel Capacity: Integrated 12 Gal. w/ 10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$32,325.00
CAS POWERFLEX AEH	VANAIR PowerFlex AEH provides a 40 CFM at 150 PSI rotary screw air compressor, a 6,800 watt AC generator, and powerful hydraulic pump, providing 13 GPM and up to 3000 PSI. Save fuel costs, increase your productivity and meet EPA challenges with the PowerFlex™ AEH. CFM Rating: 40 CFM @ High Speed / 30 CFM @ idle Speed. Air Pressure: 150 PSI AC Generator 6.8 kW @ 60 Hz, 120 / 240V. Compressor Type: Rotary Screw. Hydraulic Flow: Up to 13 GPM. Hydraulic Pressure: Up to 3000 PSI Engine Type 25 HP Kubota® Tier 4 Final. Drive System: Belt Driven. Fuel Type: Dieselw/ 10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$35,795.00
CAS POWERFLEX AH	VANAIR PowerFlex AH provides a 40 CFM at 150 PSI rotary screw air compressor and hydraulic pump, providing 13 GPM and up to 3000 PSI with an integrated hydraulic reservoir. Tier 4 Final compliant, the PowerFlex™ AH is small enough to fit in a variety of load spaces. CFM Rating: 40 CFM @ High Speed / 30 CFM @ idle Speed. Air Pressure: 150 PSI. Hydraulic Flow: Up to 13 GPM. Hydraulic Pressure: Up to 3000 PSI. Engine Type: 25 HP Kubota® Tier 4 Final. Drive System: Belt Driven. Fuel Type: Diesel. Fuel Capacity: Plumb to Chassis. Compressor Type: Rotary Screw w/ 10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$35,335.00
CAS AIR-N-ARC 150 -20HP	VANAIR Air N ARC® 150 provides you with three forms of power in one compact and economic unit, allowing you to save space and weight on your vehicle. Engine: 19 HP Kohler. Air Compressor: Reciprocating, 20 CFM, 150 PSI Generator: 5 kW Peak, 4.2 kW Continuous, AC Power, 60 Hz, Single Phase, 120V and 240V Outlets. Welder: 19 HP with Remote Panel: CC: 40-150 AMPs, CV: 15-30V. Battery Charge/Booster: AMPs 12V/24V Boost, 50 AMP 12V Charge (Optional for 19 HP Engine Only) Drive System: Belt Driven Fuel Capacity: 11.5 Gal. or Plumb to Chassis (Kohler® 19). Dimensions: 48.2L x 22.2W x 40.8H - 30 Gal. Kohler® 19 HP. 10' Remote Panel. (Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the system. We would like to schedule a pre build call with a representative of your agency so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application. Additional Charges Will apply.)	$16,220.00

ACCESSORIES

CAS A800070	VMAC Eliminator70 - Air Cooled Air Cooler After-Cooler with automatic drain. Knock's out 65% of water condensate. Installation included when tied into VR-70 or VR-150 Underhood order. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with a single valve at discharge of unit. No custom outlets or fittings installed.	$1,860.00
CAS G30 REMOTE	Optional Remote Control Panel for G30: # A500182. Remote Control Panel with a ten foot extension for key switch, hour meter, choke and unloader. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$910.00

ALAN JAY FLEET SALES

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

CAS G30 TANK	Optional Low Profile Air Receiver Tank for G30: # A500183, Dual 6-Gallon air receiver tanks, mounted under G30. Includes Gauge, fittings, hose and valves. Installation will be performed at Compressed Air Systems Inc. at 9303 Stannum Street, Tampa. The pricing includes a complete factory certified installation of the VMAC system with the unit discharging at the rear of the vehicle utilizing a single Chicago Coupling connection for hook up. We would like to schedule the delivery of the vehicle with a representative of your company so we can discuss additional options for your connection points. If you require gauges, regulators, manifolds, quick disconnect's or variable connection points we can tailor the installation to your application.	$1,830.00
VMAC 50 HOSE	50' HOSE AND REEL FOR VMAC COMPRESSED AIR SYSTEM. AT TIME OF VMAC UNDERHOOD INSTALLATION, IT WILL BE INSTALLED IN REAR COMPARTMENT OF UTILITY BODY WITH ROLLER FAIR-LEAD THROUG BACK OF BODY.	$600.00

KNAPHEIDE TRUCK EQUIPMENT

EXTERNAL MOUNT

K VA CONTRACTOR	VANAIR 14HP KOHLER 5KW PEAK AC GENERATOR 4.2KW CONTINUOUS 20 CFM RECIPROCATING COMPRESSOR 30 GAL. AIR STORAGE 1.9 GAL. FUEL STORAGE BATTERY INCLUDED	$9,565.00
K VA VIPER	VANAIR VIPER 40/100 KOHLER w/5.2 GEN 120 VOLT, 40 ICFM @ 100 PSIG @ 3320 RPM 120 VOLT OPERATION ONLY. 20 AMP & 30 AMP OUTLETS.	$19,040.00
K VIPER CONTROL	Auxillary control panel, specify mounting location.	$1,705.00
K HR50	Hose reel with 50' x 3/8" air hose mounted on reinforced compartment top, specify mounting location.	$1,385.00

PTO DRIVEN

K VMAC-DTM70	VMAC DTM70 Air Compressor, with Filter Regulator Lubricator, 10 Gal Air Reciver, 3/4 NPTF Valve. ***Requires Ford F250-F550 6.7L Diesel w/ PTO Port.*** (AIR COMPRESSOR ONLY, SEE DTM70-H FOR COMPRESSOR & HYDRAULIC PUMP COMBO)	$24,775.00
K VMAC-DTM70-H	VMAC DTM70-H Air Compressor / Hydraulic System, with Filter Regulator Lubricator, 10 Gal Air Reciver, 3/4 NPTF Valve. (Includes PTO and choice of Hydraulic Pump) ***Requires Ford F250-F550 6.7L Diesel w/ PTO Port.***	$26,935.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

CUTAWAY

INTERIOR BUILDOUT

CUES-E450-TVDUC	CUES TV/DUC Build-Out for Ford E-450 Chassis with Walk-through EVO3.0 Interior Group for Control & Equipment Rooms, Onan Gas Generator System, Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 8" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, Full DUC Digital Side-Scanning System with DUC Software Package, GraniteNet Premium Software Package with Rack Mount Computer System, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Included Chassis or Box.	$395,735.00
CUES-E450-TVLAMP2	CUES TV/LAMP2 Build-Out for Ford E-450 Chassis with Walk-through EVO3.0 Interior Group for Control & Equipment Rooms, Onan Gas Generator System, Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 6" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, Full LAMP2 Lateral Launch System with Micro Pan/Tilt Camera, GraniteNet Premium Software Package with Rack Mount Computer System, Lateral Inspection Module for GraniteNet, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Included Chassis or Box.	$467,460.00
CUES-E450-TVONLY	CUES TV Only - Build-Out for Ford E-450 Chassis with Walk-through EVO3.0 Interior Group for Control & Equipment Rooms, Onan Gas Generator System, Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 6" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, GraniteNet Premium Software Package with Rack Mount Computer System, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, (Req's Chassis and RockPort Box)	$304,865.00

BOX BODY

RP CUES-CUT	ROCKPORT BOX FOR CUTAWAY VANS DESIGNED FOR CUES 15' 6"L x 96"W x 84"H ALUMINUM SHEET & POST .040 ALUMINUM SIDEWALL, Z SHAPED GALVANIZED SIDE POSTS ON 16" CENTERS 12" ALUMINUM FRONT RADIUS, 5" EXTRUDED ALUMINUM VERTICAL CORNERS 5" TUBE SHAPE LONG SILLS, 3" FORMED CHANNEL CROSSMEMBERS ON 16" CENTERS .032 ALUMINUM ONE PIECE ROOF, REAR MUD FLAPS, E-COATED STEP BUMPER RECESSED LED CLEARANCE LIGHTS, FLUSH REAR SILL WITH DRAIN TROUGH E- COATED REAR STRUCTURE, REAR LED LIGHTS IN SIDE POSTS, FULL UNDERCOATING 3 YEAR 36,000 MILE LIMITED WARRANTY, HIGH IMPACT FRONT RADIUS CORNERS TRUE NOMINAL BODY LENGTH BEHIND SET BACK WALL, 2 GRAB HANDLES ROCKTOP AIR FARING WITH CAB ROOF CUTOUT ROCKTOP ABS INTERIOR LINER REAR BACK-UP ALARM DELETE CARGO DOME LIGHT & SWITCHES. PINE PLANK FLOOR IN LIEU OF HARDWOOD. "RESTRICTED" DELETE SETBACK SOLID BULKHEAD (FULL CAB CUTOUT) REAR STRUCTURE - SPECIAL. VERTICAL POSTS EXTENDED TO MATCH LOWER SKIRTING, NO HOLES FOR R-UP LATCH OR RAMP. "RESTRICTED OPTION/REQUIRES APPROVAL" FULL WIDTH FRP REAR SWING DOORS WITH CAM BAR LOCKS & SIDEWALL PROTECTION PLATES. FIBERGLASS INSULATION W/ ALUMINUM FRAME & KEMLITE LINER OVER INTERIOR PLYWOOD. REQUIRES RP0034 FRP DOORS. (02) ADDITIONAL REAR DOOR HINGES (04) PER DOOR. REQUIRES RP0034 FRP DOORS. STAINLESS STEEL CAM BAR HARDWARE & RODS IN LIU OF STANDARD. # POLAR 15" WIDE .063 PRE-PAINTED WHITE ALUMINUM FULL LENGTH BOTTOM BODY SKIRTING W/ EXTENDED FRONT CORNERS AND REAR STRUCTURE SPECIAL FULL WIDTH 12"D STEEL POOCHED REAR BUMPER, DIAMOND PLATE BACKSPLASH 17" FROM TOP OF BUMPER TO TO TOP OF LOWER THRESHOLD/FLOOR. ROCKPORT FLAT FLOOR OR WHEELWELL UNIT. "RESTRICTED OPTION" ROOF BOWS ON 12" CENTERS IN LIEU OF 24". (UP TO 18') ALUMINUM TUBE ROOF REINFORCEMENT (AC UNIT OR ROOF VENT) 24.5" FROM REAR WALL CENTERED IN ROOF DELETE STANDARD PLYWOOD LINER & TIE RINGS DELETE STANDARD D-RINGS (ALUM & FRP BODIES) FREIGHT TO CUES INC. IN ORLANDO, FL (Req's 2019 FORD E-450 CUTAWAY CHASSIS 176" WB, DUAL REAR WHEELS, CRUISE, 6.8 L GASOLINE, 14,500# GVWR) ROCKPORT VAN AND TRUCK BODIES FORD DROP SHIP: 86O153 GM DROP SHIP: 300519	$19,880.00

TRANSIT BUILDOUT

CUES-TRANSIT-TVDUC	CUES TV/DUC Build-Out for Ford Transit Gas Chassis (9,950 lb.or 11,000 lb. GVWR), EVO3.0 Interior Group for Control & Equipment Rooms, MEPS Inverter Power System (9,950 lb. GVWR), Onan Gas Generator (11,000 lb. GVWR), Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 8" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, Full DUC Digital Side-Scanning System with DUC Software Package, GraniteNet Premium Software Package with Rack Mount Computer System, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Include Chassis.	$407,990.00

CUES CAMERA CONVERSIONS

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

CUES-TRANSIT-TVLAMP2	CUES TV/LAMP2 Build-Out for Ford Transit Gas Chassis (9,950 lb.or 11,000 lb. GVWR), EVO3.0 Interior Group for Control & Equipment Rooms, MEPS Inverter Power System (9,950 lb. GVWR), Onan Gas Generator (11,000 lb. GVWR), Storage Package, Power Boom Crane (Crane not available with 11,000 lb. GVWR and Lateral Launcher) Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 6" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, Full LAMP2 Lateral Launch System with Micro Pan/Tilt Camera, GraniteNet Premium Software Package with Rack Mount Computer System, Lateral Inspection Module for GraniteNet, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Include Chassis.	$480,515.00
CUES-TRANSIT-TVONLY	CUES TV Only Build-Out for Ford Transit Gas Chassis (9,950 lb.or 11,000 lb. GVWR), EVO3.0 Interior Group for Control & Equipment Rooms, MEPS Inverter Power System (9,950 lb. GVWR), Onan Gas Generator (11,000 lb. GVWR), Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 6" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, GraniteNet Premium Software Package with Rack Mount Computer System, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Include Chassis.	$317,120.00

CAB CHASSIS

INTERIOR BUILDOUT

CUES-F550-TVDUC	CUES TV/DUC Build-Out for Ford F-550 or Chevy 5500 (Req's 120" CA) Diesel Chassis EVO3.0 Interior Group for Control & Equipment Rooms, Onan Diesel Generator System, Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 8" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, Full DUC Digital Side-Scanning System with DUC Software Package, GraniteNet Premium Software Package with Rack Mount Computer System, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Include Chassis or Box.	$348,605.00
CUES-F550-TVLAMP2	CUES TV/LAMP2 Build-Out for Ford F-550 or Chevy 5500 (Req's 120" CA) Diesel Chassis. EVO3.0 Interior Group for Control & Equipment Rooms, Onan Diesel Generator System, Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 6" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, Full LAMP2 Lateral Launch System with Micro Pan/Tilt Camera, GraniteNet Premium Software Package with Rack Mount Computer System, Lateral Inspection Module for GraniteNet, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Included Chassis or Box.	$418,385.00
CUES-F550-TVONLY	CUES TV Only Build-Out for Ford F-550 or Chevy 5500 (Req's 120" CA) Diesel Chassis with 16FT Cargo Box EVO3.0 Interior Group for Control & Equipment Rooms, Onan Diesel Generator System, Storage Package, Power Boom Crane, Mainline Pan/Tilt Camera, Rear View Camera & Transporter Package for 6" – 24" Pipe Sizes, 1,000FT Multi-Conductor Cable Package, Summit Power Control System Package, GraniteNet Premium Software Package with Rack Mount Computer System, Cable Protection Package, REDI-Kit Evaluation System, Five Days On-Site Training, Delivery. Full Equipment List Available Upon Request. Package is for Build-Out Only, Does Not Included Chassis or Box.	$252,890.00

BOX BODY

RP CUES-DRY	ROCKPORT DRY BOX DESIGNED FOR CUES 16'L x 96"W x 84"H ALUMINUM SHEET & POST .040 ALUMINUM SIDEWALL, Z SHAPED GALVANIZED SIDE POSTS ON 16" CENTERS 12" ALUMINUM FRONT RADIUS, 5" EXTRUDED ALUMINUM VERTICAL CORNERS 5" TUBE SHAPE LONG SILLS, 3" FORMED CHANNEL CROSSMEMBERS .032 ALUMINUM ONE PIECE ROOF, REAR MUD FLAPS RECESSED LED CLEARANCE LIGHTS, FLUSH REAR SILL WITH DRAIN TROUGH E- COATED REAR STRUCTURE, HIGH IMPACT FRONT RADIUS CORNERS REAR LED LIGHTS IN SIDE POSTS, FULL UNDERCOATING 3 YEAR 36,000 MILE LIMITED WARRANTY TRUE NOMINAL BODY LENGTH BEHIND SET BACK WALL REAR BACK-UP ALARM DELETE CARGO DOME LIGHT & SWITCHES. FLOOR CROSS MEMBERS ON 12" CENTERS IN LIEU OF 16", 3" C-CHANNEL. PINE PLANK FLOOR IN LIEU OF HARDWOOD. REAR STRUCTURE - SPECIAL. VERTICAL POSTS EXTENDED TO MATCH LOWER SKIRTING, NO HOLES FOR R-UP LATCH OR RAMP. SPECIAL FULL WIDTH 12"D STEEL POOCHED REAR BUMPER, DIAMOND PLATE BACKSPLASH 17" FROM TOP OF BUMPER TO TO TOP OF LOWER THRESHOLD/FLOOR. ROCKPORT FLAT FLOOR OR WHEELWELL UNIT. "RESTRICTED OPTION" ROOF BOWS ON 12" CENTERS IN LIEU OF 24" ALUMINUM TUBE ROOF REINFORCEMENT (AC UNIT OR ROOF VENT) FULL WIDTH FRP REAR SWING DOORS WITH CAM BAR LOCKS & SIDEWALL PROTECTION PLATES. FIBERGLASS INSULATION W/ ALUMINUM FRAME & KEMLITE LINER OVER INTERIOR PLYWOOD. REQUIRES RP0034 FRP DOORS. (02) ADDITIONAL REAR DOOR HINGES (04) PER DOOR. REQUIRES RP0034 FRP DOORS. STAINLESS STEEL CAM BAR HARDWARE & RODS IN LIU OF STANDARD. REQUIRES RP0034 FRP DOORS. # POLAR DELETE STANDARD PLYWOOD LINER DELETE STANDARD D-RINGS FREIGHT TO CUES IN ORLANDO, FL (Req's 19,500 GVWR Chassis with 120" CA) ROCKPORT VAN AND TRUCK BODIES FORD DROP SHIP: 86O153 GM DROP SHIP: 300519	$18,320.00

CUES CAMERA CONVERSIONS

ALAN JAY FLEET SALES

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STELLAR CONTAINER CARRIER

K STEL 53036	Stellar container carrier includes: reservoir and valve bank for cable controls-96" three section. power take off (PTO) Hydraulic pump, plastic fender assembly for use on chassis with 19.5" Tires, 30k pintle hitch bumper assembly, FMVSS108 compliant light kit, backup alarm, and 7 & 4 wire trailer connector, pintle NOT included. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$37,120.00
K STEL ROT	Upgrade to include rotator for Stellar Container Carrier.	$15,510.00

GRAPPLE REFUSE BODY

PI TL3-BASE	Petersen Industries TL3 with walk through lever controls, Heavy Duty swing motor, Single Cylinder Grapple, 60"Boom-Up warning light, HD Control Box (Horn, Engine Throttle, Engine Kill Tandem Hydraulic Pump), Petersen standard enamel paint for loader, 20' X 30' hardox steel, Barn Doors, Wire loom for body wiring, LED Body marker lights (15 total), ANSI Z245.1 Package, Outrigger pads, Outrigger HDHI LED strobes, (2) Frame Mounted toolboxes (18"x18"x48"), Dual LED strobes mounted on pedestal head, Work Lights, set of two, mounted on each side of pedestal head & (2) grill mounted amber strobes. (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.) - (Requires Cab Chassis with 168" CA & 33,000 GVWR)	$130,340.00

MECHANICS LUBE TRUCK

QT LUBE	11' TORKT Mini Lube Body 84" CA with Sherwin Williams Genesis Paint to Match Cab, Black Liner (Bottom of Body, Platform), Enclosed Reel Compartment 60"H with LED LightingRear Roll Up Door, (2) Underbody Boxes, (2) Side Cabinets 60" High with Shelves and LED Lighting, Filter Drain Box, Amber Strobe Mounted Top Reel Compartment, (6) LED Work Lights. (4) Rear, (1) Front Left Corner, (1) Front Right Corner, Factory Backup Camera Installed, HYDRAULICS: PTO Installed, Single Pump, 10 GPM, 40 Gal Hydraulic Tank, Return Filter, High Pressure Filter Installed After Pump, AIR SYSTEM: BOSS BA440 Hydraulic Reciprocating Compressor, (2) 10 Gal Air Tanks Mounted Under Body, Crimped Air LinesLincoln Air Regulator (250psi Rated), Reelcraft 50' ½" Air Reel, (1) 135 Gal Poly Tank, (3) 75 Gal Poly Tank, (4) Graco 5:1 Air Pumps Individually Regulated, (4) Reelcraft 50' New, product Reels, (4) Graco Digital All Weather Nozzles (Rigid Nozzle Standard), SALVAGE: (1) 190 Gal Poly Tank, Graco Diaphragm Pump, Graco 4 Way Valve and Strainer, Reelcraft 35' ¾" Suction Hose w/ Stinger. (Includes 2nd Stage MSO, Completed Vehicle Certificate, & Weight Slip). Requires 19.5k GVWR & PTO.	$144,850.00

SWAT JUMP VANS

AMERICAN ALUMINUM

AA JUMP	AMERICAN ALUMINUM JUMP VAN CUSTOM BUILT INTERIOR. PARTITION 16X16 OPENING GRAB BAR MOUNTED RO ROOF 2- REAR FACING FOLDING JUMP SEATS BENCHES DOWN EACH SIDE OF VAN W/ PADDED LIFT UP SEATS FOR STORAGE SEATBELTS MOUNTED TO THE BENCHES INTERIOR TO BE SKINNED AND INSULATED TREAD PLATE FLOOR 6- RED/WHITE LIGHTS MOUNTED TO CEILING DOWN CENTER OF CARGO AREA, WIRED TO SINGLE SWITCH ON DASH BENCHES AND FRONT PARTITIONS .125 MILL FINISH ALUMINUM GRAB BAR 1.5" ALUMINUM PIPE. (Requires Transit HR 148EL) TWIN AIR REAR HVAC SYSTEM AND 32" TVMONITOR WITH SWIVEL AND 6 12V PLUGS IN REAR FOR CHARGING. Includes Insulation and install by American Aluminum in Perry FL.	$41,785.00

ROLLING STAR CONVERSIONS

RS SWAT CONV	Rolling Star SWAT Conversion for Transit Hi-Roof EL, unit specifications upfit to extra long high top ford transit insulated finish interior white glecoat frp. insulated bulk head wall for rear storage and generator compartment. Shelves beside generator and across the top of generator. Storage for 8 colt rifles curb side rear. insulated finish interior ceiling white glecoat frp. vinyl strip curtan for access to the rear countertop drivers side with file drawer under cushion bench with back lumbar custion support and storage under -2- 24"x 3' magnetic white boards over work station approx 114" overhead cabinets open up doors and led strip under cabinet lighting -2- 4" w desk top across rear bulk head wall with wall mount flat screen monitor desk will allow for end seats at the benches passengers side aprox 6' bench with storage under, 6u 20" depth eia rack 110v system 5k onan commercial mobile generator mounted rear compartment with auto transfer switch, 12volt battery with converter charger, remote start and work station or drivers area. Uses vehicle fuel tank. 50 amp panel 25' detachable shore line -2- exterior gfi protected outlets -4- 110v duplex outlets at work station -1- quad outlet at eia rack -1- 13,500 btu low pro airconditioner -1- 1500 wat wall controlled forced air heaters. -1- 32" flat screen monitor over rear desk hdmi vga cable to work station -12 volt -4- 17x6 led ceiling lights -2- exterior led scene light high intensity -1- maxx air roof vent remote control -2- rear storage led lights on door switch. And led rear area light -4- roof mount antenna bases run to work station -1- cell phone antenna -2- cat 6 lines to eia rack from work station and hdmi vga -1- digital clock. (Conversion completed by Rolling Star of New York)	$114,720.00

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FIBER OPTIC SLICING

ROLLING STAR CONVERSIONS

RS FIBER VAN	Rolling star fiber optic splicing work station installed in Transit 148"EL to include covered and insulated walls, PVC flooring with plywood underlayment, Front partition, Stainless steel countertop road side with 16x16 overhead cabinets, 1 base cabinet under front end of countertop with door & drawer, curbside fusion welder cabinet and 1 double door wall cabinet sized to fit, 18x18 fiber door installed roadside rear door, 12v deep cycle with isolator for charging house battery wired to engine 12v fuse panel, 30amp converter/charger, roof mounted solar battery maintainer, 2 hi-output ceiling lights, 4 under cabinet lights, 12v maxx fan roof vent remote controlled, rear and side led area lights (one rear and one per side), 50 amp service panel with shoreline, 5.5k onan generator plumbed to vehicle fuel tank monuted roadside with insulated compartment under interior, 3 outlets over countertop with USB ports and 2 outlets curbside interior, 13,500 btu ac unit mounted with heatstrip, and curbside exterior outlets. All cabinets to be painted white, includes install.	$49,950.00
RS FIBER BOX	FIBER SPLICING TRUCK BODYTRUCK BODY Standard - 140" long x 92" wideInterior height to be approx. 80" over all height lowered 8"One-piece seamless FRP insulated composite wall constructioncustom low profile frame with aluminum plank floor. This option is needed to lower the overall height. Advantech or equivalent composite subfloor 12" bottom skirt Full Width Rear Step Bumpe rInterior Walls, Ceiling, and Floor Finish 1" foam side-wall insulation 6" ceiling insulation - 80 - 84" interior height Bright white gel coat interior and exterior wall finish rhino line over aluminum Entry Doors / Access Doors 1Single rear door, right hand hinge, flush latch - increase from standard 24" W to a 32" W doorNO WINDOW IN REAR DOOR 24 in. W side door, right hand hinge, flush latch, window in top half -2- 18"x18" lift up fiber cable access doors with 2"x 6" cable slot door with interior latch, opening outward 12V / 110V Electrica -1- 15.5 kW Onan Commercial/Industrial Gasoline Generator in integral compartment; installation includes insulated FRP construction, locking access door and automatic transfer switch and 12V deep cycle battery (assume fuel supply from truck fuel system)150 amp panel box, include main & circuit breakers 150-amp shore power outlet w/25' power cord -6- 110 volt 15 amp duplex outlets -2- 110 V GFI outlets w/weathertite box; one on rear exterior wall and one on curbside exterior rear -2- 24" square led ceiling lights (flush mount) - THREE-WAY SWITCHED Progressive Dynamics 9200 Series "Charge Wizard" -1- 12 V 60-amp converter/charger system with 6-watt solar battery maintainer and deep cycle battery -2- 12 volt roof mounted strobe lights -2- 12 volt interior dome lights - THREE-WAY SWITCHED -2- Tecniq 12V LED Flood light, 9"x7" surface mount on rear exterior w/interior wall switch; one on curbside centered and one on the rear upper left (streetside) corner -2- Tecniq 12V LED Porch lights - one at each entry door with individual switch at each door -1- ECCO 3410 Arrow light bar -4- 48" Under-shelf task lights to be mounted below 12" overhead shelves (additional costs listed in Cabinetry / Interior Storage section below) Heating and Air Conditioning and Ventilation -1- 12kbtu split ductless a/c unit mounted on front wall with guard -1- 12 volt powered roof vent with cover - thermostatically controlled with rain sensor) Cabinetry / Interior Storage -1- 24"D countertop, full length of streetside wall, laminate finish - BLACK LAMINATE -1- 24"D countertop, running from rear wall to just before entry door on curbside wall, laminate finish - BLACK LAMINATE -1- 12" overhead shelf w/supports and under-shelf task lighting - two (2) 48" LED strip lights - STREETSIDE -1- 12" overhead shelf w/supports and under-shelf task lighting - two (2) 48" LED strip lights - CURBSIDE -1- 24"D removable work surface with fold down leg & storage bracket - BLACK LAMINATE -1- American Van LUC-18 Lockable Cabinet 18"D x 22"H -3- American Van MED-10 Large Parts/Tools Drawer Units -4- 3/4" Deep Drawers 4-Drawer unit -2- American Van MED30 Large Parts/Tools Drawer Units -4- 3/4" Deep Drawers 2-Drawer unit 2American Van SED-20 Small Parts Drawer Units -2- 1/8" Deep Drawers 4-Drawer unit -2- SETS of American Van flip open locking doors on overhead storage shelves - both sides (three on streetside and two on curbside)Misc. Equipment -1- Fire Extinguisher - 5 lbs. -1- First Aid Kit -1- Carbon monoxide detector / smoke detector -1- Radio coax jack, "wiremold" installation, includes 50 ohm (RG58AU or equivalent) coax cable connected to (1) roof mounted screw-on anteanna base. -1- Installation for truck leaf spring, generator side includes folding rear bumper aluminum bumper step. (Furnished and Installed by Rolling Star NY)	$67,800.00

TRASH COLLECTION

NEW WAY

SS DIAMONDBACK	New Way Diamondback 8 yard rear loader refuse body 8 Cubic Yard Body Capacity Semi-Automatic Cycling Auto Back Pack Auto Lock Tailgate Back Up Alarm Light Bar ICC Lights and Reflectors Sight Gauge on Oil Tank Oil Pressure Gauge Quick Disconnect Pressure Port at Front Valve Chrome Cylinders Side Access Door Rear Vision Camera Driver Alert Buzzer Tailgate Ajar Indicator Riding Steps on Rear LED Body Lights Hot Shift PTO with Overspeed and Pump Halogen Work Lights Inside Upper Tailgate, Shining in Hopper Strobe Light Safety Shutdown Curbside Acrylic Urethane Enamel Single Color Paint 10 lb. Fire Extinguisher Triangle Kit Plastic Fenders 1 Year Body & Hydraulic Warranty 2 Year Cylinder Warranty Minimum Chassis Requirements: 108" CA 50" After Frame 17,000 lb. GVWR, Tires must meet Florida DOT GVWR requirements Automatic Transmission (For use with Hot Shift PTO listed Above) (Includes Final Stage Manufacturer certification, 2nd Stage MSO, and Weight Slip)	$72,900.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

SS VIPER 11YD	New Way Viper 11 yard rear loader refuse body 11 Cubic Yard Body Capacity Hot Shift with Overspeed with Pump Pack On The Go Semi-Automatic Cycling Auto Back Pack Auto Lock Tailgate Back up Alarm LED Body Lights halogen Work Lights Inside Upper Tailgate Strobe Light Light Bar Sight Gauge on Oil Tank Oil Pressure Gauge Quick Connect Pressure Port at Front Valve Chrome Cylinders Side Access Door Driver Alert Buzzer Tailgate Ajar Indicator Riding Steps on Rear Shovel/Broom Rack, Mounted Street Side Tailgate Safety Shutdown Curbside Acrylic Urethane Enamel Single Color PaintRear Vision Camera System 10 lb. Fire Extinguisher Triangle Kit 1 Year Body and Hydraulic Warranty 2 Year Cylinder Warranty Minimum Chassis Requirements: 102" CA 50" After Frame 27,500 lb. GVWR, Tires must meet Florida DOT GVWR requirements Automatic Transmission (For use with Hot Shift listed Above) (Includes Final Stage Manufacturer certification, 2nd Stage MSO, and Weight Slip)	$85,250.00
SS COBRA 20YD	New Way Cobra 20 yard rear loader refuse body 20 Cubic Yard Body Capacity Hot Shift with Overspeed with Pump Pack On The Go Semi-Automatic Cycling Auto Back Pack Auto Lock Tailgate Back up Alarm LED Body Lights Halogen Work Lights Inside Upper Tailgate Strobe Light ICC Lights and Reflectors Light Bar Hydraulic Tank Temperature Gauge Right Side Hydraulic Tank Access Port Sight Gauge on Oil Tank Oil Pressure Gauge Chrome Cylinders Side Access Door Driver Alert Buzzer Safety Shutdown Curbside Tailgate Ajar Indicator Bolt On Steps On Rear Shovel/Broom Rack Mounted Street Side Tailgate Acrylic Urethane Enamel Single Color Paint Rear Vision Camera System 10 lb. Fire Extinguisher triangle Kit 1 Year Body and Hydraulic Warranty 2 Year Cylinder Warranty (Includes Final Stage Manufacturer certification, 2nd Stage MSO, and Weight Slip)	$97,040.00

SWAPLOADER

ABG SL-75 HOOKLIFT	Swaploader SL-75 7,500 pounds lifting and dumping capacity with the gross weight evenly distributed on the body. Hook lift shall be able to handle sub frame mounted bodies with potential body lengths of 9' – 13' with the optimum body length being 10' – 12'. Lifting and dumping capacity (7,500 pounds) of the hook lift hoist must be achieved for all optimum body lengths and specified hook heights. Hook lift hoist shall have a 56 degree dump angle. Weight of hook lift hoist (fixed jib 35-5/8" hook height) not to exceed 1,250 pounds. Sub frame mounted bodies shall be supported with a pair of 6-1/4" diameter outside flanged rollers at the rear of the hoist and be adjustable to accommodate bodies with outside sub frame rail widths of 39" or 41-5/8". The hook to rear roller dimension to be 114 3/8" in length when jib is fully extended. Hook lift shall be capable of being mounted to a truck chassis with an "effective" cab-to-axle of 84" - 96" with 96" being the optimum dimension for weight distribution and stability. includes tarping system. Includes PTO, pump, tank and plumbing (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$49,275.00
ABG SL-105 HOOKLIFT	Swaploader SL 105 10,500 pounds lifting and dumping capacity with the gross weight evenly distributed on the body. Hook lift shall be able to handle sub frame mounted bodies with lengths of 10' – 13' with the optimum body length being 10' – 12'. Lifting and dumping capacity (10,500 pounds) of the hook lift hoist must be achieved for all optimum body lengths and specified hook heights. Hook lift hoist shall have a 58 degree dump angle. Weight of hook lift hoist (fixed jib 35-5/8" hook height) not to exceed 1,680 pounds. Sub frame mounted bodies shall be supported with a pair of 6-1/4" diameter outside flanged rollers at the rear of the hoist and be adjustable to accommodate bodies with outside sub frame rail widths of 40-1/2" or 41-5/8". The hook to rear roller dimension to be 116" in length when jib is fully extended. Hook lift shall be capable of being mounted to a truck chassis with an "effective" cab-to-axle of 84" - 96" with 96" being the optimum dimension for weight distribution and stability. Includes tarping system. Includes PTO, pump, tank and plumbing (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$53,330.00
ABG SL-160 HOOKLIFT	Swaploader SL-160 16,000 pounds lifting and dumping capacity with the gross weight evenly distributed on the body. Hook lift shall be able to handle sub frame mounted bodies with potential lengths of 10' – 15' with the optimum body length being 12' – 14'. Bodies shorter than 12' will require the use of a shelf assembly. Position of the shelf assembly will impact how short of a body can be transported. Lifting and dumping capacity (16,000 pounds) of the hook lift hoist must be achieved for all optimum body lengths and specified hook heights. Hook lift hoist shall have a 56 degree dump angle. Weight of hook lift hoist (fixed jib 35-5/8" hook height) not to exceed 2,325 pounds. Weight of hook lift hoist (adjustable jib 35-5/8" or 53-7/8 hook height) not to exceed 2,467 pounds. Sub frame mounted bodies shall be supported with a pair of 6-1/4" diameter outside flanged rollers at the rear of the hoist and be adjustable to accommodate bodies with outside sub frame rail widths of 40-1/2" or 41-5/8". The hook to rear roller dimension to be 139.63" in length when jib is fully extended. Hook lift shall be capable of being mounted to a truck chassis with an "effective" cab-to-axle of 108" - 120" with 120" being the optimum dimension for weight distribution and stability. Includes tarping system Includes PTO, pump, tank and plumbing (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$58,305.00

CONTRACTOR FLAT BED

ROYAL TRUCK

RTB CONT10	Royal Truck Body 10' Contractor Body w/ Wood Package for Regular Cab - 60CA DRW (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,655.00
RTB CONT10-EL	Royal Truck Body 10' Contractor Body w/ Wood Package for Crew Cab - 60CA DRW (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,655.00

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RTB CONT12	Royal Truck Body 12' Contractor Body w/ Wood Package for Regular Cab - 84CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$16,060.00
RTB CONT12-EL	Royal Truck Body 12' Contractor Body w/ Wood Package for Crew Cab - 84CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$16,060.00
RTB CONT14	Royal Truck Body 14' Contractor Body w/ Wood Package for Regular Cab - 108CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,250.00
RTB CONT14-EL	Royal Truck Body 14' Contractor Body w/ Wood Package for Crew Cab - 108CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,250.00

SWITCH N GO

ABG SNG60	Furnish and install Switch N Go 9-4016-15E-11T system on supplied chassis. Includes 15K Warn Winch, 11T dump hoist, fenders, bumper w/hitch, all DOT lighting. Furnish SNG 9' Flatbed w/beavertail for driving equipment onto bed, outside stake pockets, & treadplate floor and Drop Box/Dumpster (11.1 yards capacity) w/ single swing gate. (additional bodies available, however priced separately, please contact if interested). (Inlcudes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$35,090.00
ABG SNG84	Furnish and install Switch N Go 11-5020-15E-14T system on supplied chassis. Includes 15K Warn Winch, 14T dump hoist, fenders, bumper w/hitch, all DOT lighting. Furnish SNG 11' Flatbed w/beavertail for driving equipment onto bed, outside stake pockets, & treadplate floor and Drop Box/Dumpster (13.4 yards capacity) w/ single swing gate. (additional bodies available, however priced separately, please contact if interested). (Inlcudes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$38,115.00
ABG GENTRY TARP	Furnish and install on Swaploader equipped truck, electric gentry tarp for hook lift.	$6,555.00

NEXPRO TRUCKS AND EQUIPMENT

NP C 10 BOOM CRANE STINGER	NEXPRO Load King Stinger 10-47 When it comes to maximizing your return on investment, nothing matches the flexibility, speed, and reliability of Nexpro join with Load Kingcranes. Built to travel at highway speeds, these cranes allow you to reach the jobsite quickly, set up efficiently, and start working without delay.It's no surprise they're often seen tackling multiple projects in a single day. Formerly the Terex BT 2047, the Nexpro - Load King Stinger 10-47 is equipped with a 47 ft. fully synchronous telescopic keel boom. The Stinger 10-47 features a maximum lifting capacity of 10 tons (20,000 lbs). More specification contact Dealer. Bodies and equipment for vehicles with a capacity up to 33000 GVWR	$246,705.00
NP C BUCKET LIFT 36 FEET	This aerial lift truck is designed for high-reach utility and maintenance applications, offering a standr working height and horizontal reach. With platform and jib capacity (depending on installation and boom higth and position). The lift features 360° continuous boom rotation, a Class C insulated boom rated, and PTO-driven hydraulic system operating at 2,860 psi with a flow rate of 5 gpm. The boom system offers a main boom travel of -25° to +75°, lower boom travel of -2° to +85°, and 102.4 in (2.6 m) of inner boom extension. Bucket height: 36 feet. Insulated, articulated telescopic equipment with outriggers. More specification contact Dealer. Bodies and equipment for vehicles with a capacity up to 26000 GVWR	$71,405.00
NP C BUCKET LIFT 44 FEET	This aerial lift truck is designed for high-reach utility and maintenance applications, offering a standr working height and horizontal reach. With platform and jib capacity (depending on installation and boom higth and position). The lift features 360° continuous boom rotation, a Class C insulated boom rated, and PTO-driven hydraulic system operating at 2,860 psi with a flow rate of 5 gpm. The boom system offers a main boom travel of -25° to +75°, lower boom travel of -2° to +85°, and 102.4 in (2.6 m) of inner boom extension. Bucket height: 44 feet. Insulated, articulated telescopic equipment with outriggers. More specification contact Dealer. Bodies and equipment for vehicles with a capacity up to 26000 GVWR	$81,665.00
NP C BUCKET LIFT 46 FEET	This aerial lift truck is designed for high-reach utility and maintenance applications, offering a standr working height and horizontal reach. With platform and jib capacity (depending on installation and boom higth and position). The lift features 360° continuous boom rotation, a Class C insulated boom rated, and PTO-driven hydraulic system operating at 2,860 psi with a flow rate of 5 gpm. The boom system offers a main boom travel of -25° to +75°, lower boom travel of -2° to +85°, and 102.4 in (2.6 m) of inner boom extension. Bucket height: 46 feet. Insulated, articulated telescopic equipment with outriggers. More specification contact Dealer. Bodies and equipment for vehicles with a capacity up to 33000 GVWR	$118,665.00
NP C BUCKET LIFT 51 FEET	This aerial lift truck is designed for high-reach utility and maintenance applications, offering a standr working height and horizontal reach. With platform and jib capacity (depending on installation and boom higth and position). The lift features 360° continuous boom rotation, a Class C insulated boom rated, and PTO-driven hydraulic system operating at 2,860 psi with a flow rate of 5 gpm. The boom system offers a main boom travel of -25° to +75°, lower boom travel of -2° to +85°, and 102.4 in (2.6 m) of inner boom extension. Bucket height: 51 feet. Insulated, articulated telescopic equipment with outriggers. More specification contact Dealer. Bodies and equipment for vehicles with a capacity up to 33000 GVWR	$149,355.00

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NP C BUMP	The Colossus® Bumper is an advanced, multifunctional front bumper developed by a certified engineering team to integrate seamlessly with Class (Bumper Attachment Sistem) + Hidrabox, "Shippers, hydraulic tools, high-capacity pumps, brooms, and multifunction hydraulic arms.	$13,575.00
NP C PLUMBING BODY	Designed exclusively to meet the specific needs of the pumping and water services industry, this custom-built body delivers exceptional functionality, durability, and adaptability.Engineered to your application and customer specifications, it requires a Class 6 or 7chassis for optimal performance. Built from heavy-duty 16-gauge galvanized steel, withreinforced panels in high-stress areas it ensures long-term resilience in demanding environments. A durable white powder-coated finish enhances corrosion resistance and professional appearance. The unit features vertical and horizontal compartments with adjustable shelving for flexible storage. For more information, please contact your dealer. Bodies and equipment for vehicles with a capacity up to 37000 GVWR	$142,695.00
NP C SERVICE TRK	Heavy-duty utility body built for durability and functionality, compatible with pneumatic, hydraulic, and electrical systems, designed for Class 4, 5, and 6 chassis. Standard 94” wide wide body constructed of 14-gauge galvanized A-40 steel. Compartments sealed with gaskets, stainless steel hinges, and rotary locks. Reinforced for electric-hydraulic crane rated at 4,000 lb. and 16,000 ft-lbs. Includes advanced BAS Colossus® hydraulic bumper with quick-connect system, positioning cylinders, and dual control valves. For more information, please contact your dealer. Bodies and equipment for vehicles with a capacity up to 26000 GVWR	$94,675.00
NP C VALVE BODY ST	The 12’ Colossus® body is designed for utility and valve maintenance applications. Both sides of the vehicle are equipped with black shelves and a keyed shovel storage box. Roll-up doors provide easy access to internal compartments. Standard on all Nexpro Trucks & Equipment models, the Colossus® bumper integrates a hydraulic system delivering 5–8 GPM at 2500 PSI. An optional BAS bumper system for multiple attachments is available. The Valve Maintenance System (VMS) equips the truck with a valve exerciser machine for maintenance. For more information, please contact your dealer. Bodies and equipment for vehicles with a capacity up to 26000 GVWR	$107,660.00
NP C VALVE BODY XL	The 12’ Colossus® body is designed for utility and valve maintenance applications. Both sides of the vehicle are equipped with black shelves and a keyed shovel storage box. Roll-up doors provide easy access to internal compartments. Standard on all Nexpro Trucks & Equipment models, the Colossus® bumper integrates a hydraulic system delivering 5–8 GPM at 2500 PSI. An optional BAS bumper system for multiple attachments is available. The Valve Maintenance System (VMS) equips the truck with a valve exerciser machine for maintenance. For more information, please contact your dealer. Bodies and equipment for vehicles with a capacity up to 33000 GVWR	$122,890.00
NP C WATER LINER	Requires a Class 6 or 7 chassis. The body measures 132” long, 94” wide, with compartments 48” high, 21” deep, and a 52” wide load space. Constructed with 16-gauge galvanized steel with thicker panels in critical areas. Double-panel doors with stainless steel hinges and rotary locks. Powder-coated white finish Vertical and horizontal compartments with adjustable shelves. Three-section sliding roof. Optionally includes storage drawers replacing shelves, and BAS Colossus® front bumper for attachments. For more information, please contact your dealer.Bodies and equipment for vehicles with a capacity up to 33000 GVWR	$91,350.00

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PREMIER TRUCK DOVETAIL

12+4 DOVETAIL

PTC 12+4 DOVE	12' + 4' Steel Landscape dovetail body mesh headboard with 24" x 24" x 96" lockable box 16" mesh sides, drivers side fixed, pass. side folds down, spring assist ramps. Includes weed eater rack, under coated, primed and painted black (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,450.00

14+4 DOVETAIL

PTC 14+4 DOVE	14' + 4' Steel Landscape dovetail body mesh headboard with 24" x 24" x 96" lockable box 16" mesh sides, drivers side fixed, pass. side folds down, spring assist ramps. Includes weed eater rack, under coated, primed and painted black (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,810.00

16+4 DOVETAIL

PTC 16+4 DOVE	16' + 4' Steel Landscape dovetail body mesh headboard with 24" x 24" x 96" lockable box 16" mesh sides, drivers side fixed, pass. side folds down, spring assist ramps. Includes weed eater rack, under coated, primed and painted black (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$16,810.00

Landscape accessories

PTC BLOW	Blower rack holds one blower	$185.00
PTC CHILL	Water cooler holder for single 5gal cask	$180.00
PTC DIG	Shovel rack holds 5 shovels	$310.00
PTC WEED	Weedeater rack holds 3 trimmers	$340.00
PTC GOT-GAS	Gas can rack holds single 5gal	$165.00

ROYAL TRUCK ALUMINUM BODY

RTB DUMP9-AL-LSB	Duramag Aluminum 96" x 114" Smooth Side Landscape Body, 42" Sides 9' Champion Scissor Hoist - Electric Push Control Dual Action Pum, manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 60" CA.	$22,515.00
RTB DUMP11-AL-LSB	Duramag Aluminum 96" x 144" Smooth Side Landscape Body, 42" Sides - DCS615T11 11' Champion Scissor Hoist - Electric Push Control Dual Action Pump with manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 84" CA.	$24,845.00
RTB DUMP14-AL-LSB	Duramag Aluminum 96" x 168" Smooth Side Landscape Body, 42" Sides 15' Champion Scissor Hoist - Electric Push Control Dual Action Pump with manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 110" CA.	$27,820.00
RTB DUMP14-AL-LSB-FL	Duramag 14' Aluminum FL spec 96" x 168" Smooth Side Landscape Body, 40.5" Sides, Corrogated Sides, 24" Doghouse / Intergrated Thru Box w/ Hoist manual tarp with ground control, rear mounted hich, and 7/4 wire connector (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.) Requires 110" CA.	$19,325.00

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PERIMITER LIGHTING

FEDERAL SIGNAL

FS MP3-2-AA	(2) Federal Signal Micro Pulse Ultra LED's surface mounted (AMBER).	$415.00
FS MP3-2-AW	(2) Federal Signal Micro Pulse Ultra LED's surface mounted (AMBER/WHITE).	$415.00
FS MP3-2LB-AA	(2) Federal Signal Micro Pulse Ultra LED's with 90-deg L-bracket (AMBER).	$440.00
FS MP3-2LB-AW	(2) Federal Signal Micro Pulse Ultra LED's with 90-deg L-bracket (AMBER/WHITE).	$440.00
FS MPS122U-AW	(2) Federal Signal double row MicroPulse Ultra dual color amber/white.	$495.00
FS MP3-4-AA	(4) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$860.00
FS MP3-4-AW	(4) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$860.00
FS MP3-6-AA	(6) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,275.00
FS MP3-6-AW	(6) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,275.00
FS MP3-8-AA	(8) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER).	$1,720.00
FS MP3-8-AW	(8) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER/WHITE).	$1,720.00
FS MP3-8WW-AA	(8) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille, (1) mounted over each wheel position, and (2) mounted to rear of vehicle (AMBER).	$1,690.00
FS MP3-8WW-AW	(8) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille, (1) mounted over each wheel position, and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,690.00
FS MP3-10-AA	(10) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille, (1) mounted near each rear wheel, and (4) mounted to rear of vehicle (AMBER).	$2,160.00
FS MP3-10-AW	(10) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille, (1) mounted near each rear wheel, and (4) mounted to rear of vehicle (AMBER/WHITE).	$2,160.00
FS MP3-12-AA	(12) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER).	$2,605.00
FS MP3-12-AW	(12) Federal Signal Micro Pulse Ultra LED's with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER/WHITE).	$2,605.00
FS SML8-A	Federal Signal Latitude Signal Mater traffic advisor with (AMBER)LEDs.	$645.00
FS SML8-AW	Federal Signal Latitude Signal Mater traffic advisor with alternating (AMBER/WHITE)LEDs.	$645.00

WHELEN

W VXF2-2FB-AW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads WITH built in flasther mounted (1) per side to lower front bumper shroud forward of front tire (AMBER/WHITE).	$435.00
W VXF2-2RB-AW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads WITH built in flasther mounted (1) per side to lower rear bumper shroud aft of rear tire (AMBER/WHITE).	$435.00
W TLI2-SB2-UMBKT-2-W	(2) Whelen wide angle ION series lights heads with universal mount bracket (white light). To be mounted on lower portion of service body with 1 light on driver side and 1 light on passenger side facing the ground for extra scene light in the dark.	$535.00
W TLI-4-AA	(4) Whelen T-Series SOLO color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$870.00
W TLI-4-AW	(4) Whelen T-Series SOLO color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$870.00
W TLI-4-CC	(4) Whelen T-Series color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (WHITE).	$870.00

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W TLI-6-AA	(6) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,305.00
W TLI-6-AW	(6) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,305.00
W TLI-8-AA	(8) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER).	$1,740.00
W TLI-8-AW	(8) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER/WHITE).	$1,740.00
W TLI-12-AA	(12) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER).	$2,610.00
W TLI-12-AW	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER/WHITE).	$2,610.00
W TLI2-2-AA	(2) Whelen T-Series DUAL color ultra thin light heads surface mounted (AMBER).	$435.00
W TLI2-2-AW	(2) Whelen T-Series DUAL color ultra thin light heads surface mounted (AMBER/WHITE).	$435.00
W TLI2-4-AA	(4) Whelen T-Series DUAL color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$870.00
W TLI2-4-AW	(4) Whelen T-Series DUAL color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$870.00
W TLI2-6-AA	(6) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,305.00
W TLI2-6-AW	(6) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,305.00
W TLI2-8-AA	(8) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER).	$1,740.00
W TLI2-8-AW	(8) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER/WHITE).	$1,740.00
W TLI2-12-AA	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER).	$2,610.00
W TLI2-12-AW	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER/WHITE).	$2,610.00
W TRACER60-DUO-UNIV-AW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with universal mounting brackets (AMBER/WHITE).	$1,805.00

STAR SIGNAL

ST DLITE-2-AA	(2) STAR Micro LED's ultra-low profile surface mounted (AMBER).	$450.00
ST DLITE-2-AW	(2) STAR Micro LED's ultra-low profile surface mounted (AMBER/WHITE).	$390.00
ST DLITE-4-AA	(4) STAR Micro LED's ultra-low profile surface mounted with (2) mounted in grille and (2) mounted to rear of vehicle/ body (AMBER).	$905.00
ST DLITE-4-AW	(4) STAR Micro LED's ultra-low profile surface mounted with (2) mounted in grille and (2) mounted to rear of vehicle/ body (AMBER/WHITE).	$830.00
ST DLITE-6-AA	(6) STAR Micro LED's ultra-low profile surface mounted with (4) mounted to grille and (2) mountd to rear of vehicle/body (AMBER).	$1,360.00
ST DLITE-6-AW	(6) STAR Micro LED's ultra-low profile surface mounted with (4) mounted to grille and (2) mountd to rear of vehicle/body (AMBER/WHITE).	$1,245.00
ST DLITE-8-AA	(8) STAR Micro LED's ultra-low profile surface mounted with (4) mounted to grille and (4) mounted to back of vehicle/body (AMBER)	$1,810.00
ST DLITE-8-AW	(8) STAR Micro LED's ultra-low profile surface mounted with (4) mounted to grille and (4) mounted to back of vehicle/body (AMBER/WHITE).	$1,660.00

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ST DLITE-12-AA	(12) STAR Micro LED's ultra-low profile surface mounted with (4) mounted to grille, (1) mounted over each wheel position, and (4) mouted to rear of vehicle/body (AMBER).	$2,720.00
ST DLITE-12-AW	(12) STAR Micro LED's ultra-low profile surface mounted with (4) mounted to grille, (1) mounted over each wheel position, and (4) mouted to rear of vehicle/body (AMBER/WHITE).	$2,490.00

CODE3

C3 OUTLINER-60-AW	CODE3 DUAL COLOR OUTLINER 60" INSTALLED ALONG RUNNING BOARD (AMBER/WHITE).	$1,830.00

LIGHT BARS

FEDERAL SIGNAL

FS REL48-AW-USWTCH	Federal Signal 48" Reliant Amber light bar with full front flood capability includes signal master, low power mode, strap kit, and Serial Interface Module for use with factory upfitter switches.	$3,070.00
FS ALEG45-DUO-AW	Federal Signal 45" Allegiant dual Amber/White light bar including take downs, alley lights, signal master, strap kit, and compact digital soft button 6 switch controller.	$2,375.00
FS ALGNT53-DUAL-WL-AW	Federal Signal 53" Allegiant dual Amber/White light bar including take downs, alley lights, work light feature, signal master, strap kit, and compact digital soft button 6 switch controller. (Work light feature requires mounting on cab shield)	$2,565.00
FS LPX45-A	Federal Signal 45" Allegiant LC Discrete Amber Lightbar with Strap kit and fully populated with 4-LED's per position. Installs with simple on/off illuminated switch on dashboard.	$1,960.00
FS LPX53-A	Federal Signal 53" Allegiant LC Discrete Amber Lightbar with Strap kit and fully populated with 4-LED's per position. Installs with simple on/off illuminated switch on dashboard.	$2,305.00
FS ALGT21D-AMBRF	FEDERAL SIGNAL 21" ALLEGIANT DESCRETE LIGHT BAR WITH 10-LED HEADS & CLEAR DOME (AMBER).	$1,070.00

WHELEN

W L10HAP	WHELEN L10 - 6" x 6.4" Amber beacon	$365.00
W MJYAAAAP	Whelen Mini Justice light bar(AMBER) with mounting feet. 16 INCH	$810.00
W MJYRRRRP	Whelen Mini Justice light bar(RED) with mounting feet. 16 INCH	$810.00
W LEGACY48-AA	Whelen 48" Legacy WCX DUO light bar (AMBER) with adjustable feet & Strap kit.	$2,980.00
W LEGACY48-AW	Whelen 48" Legacy WCX DUO light bar (AMBER/WHITE) with adjustable feet & Strap kit.	$2,980.00
W LIBERTY48-AA	Whelen 48" Liberty II solo light bar (AMBER) with adjustable feet & strap kit.	$2,750.00
W LEGACY54-AW	Whelen 54" Legacy WCX DUO light bar (AMBER/WHITE) with adjustable feet & Strap kit.	$2,980.00
W LIBERTY54-AA	Whelen 54" Liberty II solo light bar (AMBER) with adjustable feet & strap kit.	$2,750.00

STAR SIGNAL

ST 7100LED-AC	STAR Mini-Light Bar 12.3" L X 11.5" W Dual Stack (Amber/White).	$1,335.00
ST PHAZER44-AA	STAR SIGNAL 44" LED Dual Color Phazer Light Bar with mounting brackets, takedowns, alleys, rear traffic advisor. Fully Populated. (Requires Controller.) (AMBER/WHITE)	$3,420.00
ST PHAZER44-AA	STAR SIGNAL 44" LED Dual Color Phazer Light Bar with mounting brackets, takedowns, alleys, rear traffic advisor. Fully Populated. (Requires Controller.) (AMBER/WHITE)	$3,420.00
ST PHAZER51-AA	STAR SIGNAL 51" LED Dual Color Phazer Light Bar with mounting brackets, takedowns, alleys, rear traffic advisor. Fully Populated. (Requires Controller.) (AMBER/WHITE)	$2,365.00

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FEDERAL SIGNAL LIGHTING PACKAGES

GENERIC

FS RSL CC-AW	Federal Signal Road Side Lighting Package includes 2 Micropulse LED's (Amber/White) in Grille, 2 Micropulse LED's (Amber/White) mounted to rear rear of body with white bezel, 1 eight head Amber Signal Master stick installed to rear of body, 1 Compact Digital Soft Button 6 switch controller.	$2,375.00
FS ALB 4C 45	Federal Signal Amber Light Bar Package with 2 MicroPulse Ultra amber/white installed in grille, 2 MicroPulse Ultra amber/white light heads installed to rear of vehicle/body with white bezels, relay module with Compact Digital Soft Button 6 switch controller, 45" Dual Color Amber/White Allegiant Light bar with vehicle specific strap kit.	$3,255.00
FS ALB 4C 53	Federal Signal Amber Light Bar Package with 2 MicroPulse Ultra amber/white installed in grille, 2 MicroPulse Ultra amber/white light heads installed to rear of vehicle/body with white bezels, relay module with Compact Digital Soft Button 6 switch controller, 53" Dual Color Amber/White Allegiant Light bar with vehicle specific strap kit.	$3,630.00

FRONTIER AMBER

FS LB-4MP2-FRONTIER-AW	FRONTIER Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,230.00
FS LB-8MP2-FRONTIER-AW	FRONTIER Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,110.00
FS LB-12MP2-FRONTIER-AW	FRONTIER Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$4,990.00
FS STP-4MP2-FRONTIER-AW	FRONTIER Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-FRONTIER-AW	FRONTIER Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00
FS STP-12MP2-FRONTIER-AW	FRONTIER Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00

TACOMA AMBER

FS LB-4MP2-TACO-AW	TACOMA Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,230.00
FS LB-8MP2-TACO-AW	TACOMA Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,110.00
FS LB-12MP2-TACO-AW	TACOMA Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$4,985.00
FS STP-4MP2-TACO-AW	TACOMA Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-TACO-AW	TACOMA Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00
FS STP-12MP2-TACO-AW	TACOMA Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00

MAVERICK AMBER

FS LB-4MP2-MAV-AW	MAVERICK Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,230.00
FS LB-8MP2-MAV-AW	MAVERICK Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,110.00
FS LB-12MP2-MAV-AW	MAVERICK Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$4,985.00

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FS STP-4MP2-MAV-AW	MAVERICK Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-MAV-AW	MAVERICK Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00
FS STP-12MP2-MAV-AW	MAVERICK Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00
	RANGER AMBER	
FS LB-4MP2-RNGR-AW	RANGER Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,230.00
FS LB-8MP2-RNGR-AW	RANGER Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,110.00
FS LB-12MP2-RNGR-AW	RANGER Federal Signal Reliant Lightbar Amber/White Package, Includes 1-Reliant S2 Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$4,985.00
FS STP-4MP2-RNGR-AW	RANGER Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-RNGR-AW	RANGER Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00
FS STP-12MP2-RNGR-AW	RANGER Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00
	F150 AMBER	
FS LB-4MP2-F150-AW	F150 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,505.00
FS LB-8MP2-F150-AW	F150 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,385.00
FS LB-12MP2-F150-AW	F150 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,265.00
FS STP-4MP2-F150-AW	F150 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-F150-AW	F150 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00
FS STP-12MP2-F150-AW	F150 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00
	SUPER DUTY AMBER	
FS LB-4MP2-SD-AW	Ford Super Duty Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,505.00
FS LB-8MP2-SD-AW	Ford Super Duty Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,385.00
FS LB-12MP2-SD-AW	Ford Super Duty Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,265.00
FS STP-4MP2-SD-AW	Ford Super Duty Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-SD-AW	Ford Super Duty Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00

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FS STP-12MP2-SD-AW	Ford Super Duty Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00
FS LB-4MP2-SD-66S-AW	Ford Super Duty Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,420.00
FS LB-8MP2-SD-66S-AW	Ford Super Duty Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,300.00
FS LB-12MP2-SD-66S-AW	Ford Super Duty Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,180.00
FS STP-4MP2-SD-66S-AW	Ford Super Duty Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,940.00
FS STP-8MP2-SD-66S-AW	Ford Super Duty Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,950.00
FS STP-12MP2-SD-66S-AW	Ford Super Duty Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,830.00
	SILVERADO 1500 AMBER	
FS LB-4MP2-SILV1500-AW	Chevy Silverado 1500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,505.00
FS LB-8MP2-SILV1500-AW	Chevy Silverado 1500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,385.00
FS LB-12MP2-SILV1500-AW	Chevy Silverado 1500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,265.00
FS STP-4MP2-SILV1500-AW	Chevy Silverado 1500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-SILV1500-AW	Chevy Silverado 1500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00
FS STP-12MP2-SILV1500-AW	Chevy Silverado 1500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00
	SILVERADO HD AMBER	
FS LB-4MP2-SILVHD-AW	Chevy 2500/3500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,505.00
FS LB-8MP2-SILVHD-AW	Chevy 2500/3500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,385.00
FS LB-12MP2-SILVHD-AW	Chevy 2500/3500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,265.00
FS STP-4MP2-SILVHD-AW	Chevy 2500/3500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,985.00
FS STP-8MP2-SILVHD-AW	Chevy 2500/3500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,995.00

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FS STP-12MP2-SILVHD-AW	Chevy 2500/3500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,875.00

RAM 1500 AMBER

FS LB-4MP2-RAM1500-AW	Ram 1500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,505.00
FS LB-8MP2-RAM1500-AW	Ram 1500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,385.00
FS LB-12MP2-RAM1500-AW	Ram 1500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,265.00
FS STP-4MP2-RAM1500-AW	Ram 1500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$4,025.00
FS STP-8MP2-RAM1500-AW	Ram 1500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$5,035.00
FS STP-12MP2-RAM1500-AW	Ram 1500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,915.00

RAM HD AMBER

FS LB-4MP2-RAMHD-AW	Ram 2500/3500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$3,505.00
FS LB-8MP2-RAMHD-AW	Ram 2500/3500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$4,385.00
FS LB-12MP2-RAMHD-AW	Ram 2500/3500 Federal Signal Allegiant Lightbar Amber/White Package, Includes 1-Allegiant Light Bar, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,265.00
FS STP-4MP2-RAMHD-AW	Ram 2500/3500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -4- Micropulse 6 Diode Light heads, 2 grille mount, 2 surface mounted to tailgate with white bezels	$4,025.00
FS STP-8MP2-RAMHD-AW	Ram 2500/3500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -8- Micropulse 6 Diode Light heads, 4 grille mount, 4 surface mounted to tailgate with white bezels	$5,035.00
FS STP-12MP2-RAMHD-AW	Ram 2500/3500 Federal Signal Slick Top Amber/White Package, Includes 1-ILS Front interior Light Bar, 1-Rear CN Signal Stick Rear glass traffic advisor, -12- Micropulse 6 Diode Light heads, 6 grille mount, 6 surface mounted to tailgate with white bezels	$5,915.00

TRANSIT

FS STP-6MP2-TRANS-AW	Transit Federal Signal Slick Top Amber/White Package, Includes 6 Micropulse Dual Color Light heads, (2) mounted in grille, (2) Adhesive Mount inside front winshield with shroud, (2) surface mounted near tail light, (1) Rear CN Signal Stick SignalMaster mounted above rear doors.	$3,100.00
FS STP-10MP2-TRANS-AW	Transit Federal Signal Slick Top Amber/White Package, Includes 10 Micropulse Dual Color Light heads, (2) mounted in grille, (2) Adhesive Mount inside front winshield with shroud, (2) surface mounted near tail light, (2) surface mounted to front quarter panel (2) surface mounted near rear wheel, (1) Rear CN Signal Stick SignalMaster mounted above rear doors.	$3,925.00
FS STP-14MP2-TRANS-AW	Transit Federal Signal Slick Top Amber/White Package, Includes 6 Micropulse Dual Color Light heads, (4) mounted in grille, (4) Adhesive Mount inside front winshield with shroud, (2) surface mounted near tail light, (2) surface mounted to front quarter panel (2) surface mounted near rear wheel, (1) Rear CN Signal Stick SignalMaster mounted above rear doors.	$4,840.00

WHELEN LIGHTING PACKAGES

W RSL VAN-AW	Whelen Road Side Lighting Package includes 2 (AMBER/WHITE) T-Series LED's mounted in Grille, 2 (AMBER/WHITE) T-Series LED's mounted vertically on each side of vehicle above rear tail lights with black bezel, 1 Four head Amber directional stick installed o	$2,735.00

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W RSL SUV-AW	Whelen Road Side Lighting Package includes 2 (AMBER/WHITE) T-Series LED's mounted in Grille, 2 (AMBER/WHITE) T-Series LED's mounted vertically on each side of vehicle above rear tail lights with black bezel, 1 Four head Amber directional stick installed i	$2,735.00
W RSL TRK-AW	Whelen Road Side Lighting Package includes 2 (amber/white) T-Series LED's mounted in Grille, 2 (amber/white) T-Series LED's mounted to rear tail gate with black bezel, 1 Six head Amber directional stick installed inside back glass, Core-C programmable	$2,975.00
W RSL CC-AW	Whelen Road Side Lighting Package includes 2 (amber/white) T-Series LED's mounted in Grille, 2 (amber/white) T-Series LED's mounted to rear of body with black bezel, 1 Six head Amber directional stick installed to rear of body, Core-C programmable 6 but	$2,975.00

STAR LIGHTING PACKAGES

ST RSL TRK-AW	STAR Road Side Lighting Package includes 2 Amber/White Microstar LED D-Lite series LED's in Grille, 2 Amber/White Microstar LED D-Lite series LED's mounted to tailgate with white bezel, 1 Eight head Amber Traffic Advisor stick installed inside back glass, 1 Six position rocker switch control box.	$2,075.00
ST RSL CC-AW	STAR Road Side Lighting Package includes 2 Amber/White Microstar LED D-Lite series LED's in Grille, 2 Amber/White Microstar LED D-Lite series LED's mounted to rear of body with white bezel, 1 Eight head Amber Traffic Advisor stick mounted to back of body, 1 Six position rocker switch control box.	$2,075.00
ST RSL VAN-AW	STAR Road Side Lighting Package includes 2 Amber/White Microstar LED D-Lite series LED's in Grille, 2 Amber/White Microstar LED D-Lite series LED's vertically on each side of vehicle above rear tail lights with white bezel, 1 Eight head Amber Traffic Advisor stick installed above rear load doors, 1 Six position rocker switch control box.	$2,075.00
ST RSL SUV-AW	STAR Road Side Lighting Package includes 2 Amber/White Microstar LED D-Lite series LED's in Grille, 2 Amber/White Microstar LED D-Lite series LED's mtd vertically next to each side of license plate with white bezel, 1 Six head Amber PHANTOM rear window stick with reflective shroud installed inside rear hatch, 1 Six position rocker switch control box.	$1,895.00

CORNER LED LIGHTS

FEDERAL SIGNAL

FS CRNR-FLUSH	(2) Federal Signal Dual Color 6-LED push in style corner LED mounts flush	$380.00
FS CRNR-LED	(2) Federal Signal Dual Color 12-LED corner lights to be mounted in headlamps or tail lamps where possible.	$425.00
FS CNR-LED-W	(2) Federal Signal Corner LED lights to be mouunted in headlamp or tail lamp if possible (WHITE).	$495.00

WHELEN

W VERTEX-W	(2) WHELEN corner LED's to be installed in headlamps or tail lamps where possible (WHITE).	$445.00
W VERTEX-FLANGE	(2) Whelen Vertex surface mount flanges.	$20.00

STAR

ST DLS306-2	(2) STAR Mini-Comet self-contained 6-LED round light with black mounting bezel.	$370.00
ST CNR-LED	(2) STAR self contained LED flashing light (2) LED's will be mounted in headlamps or tail lamps where possible.	$475.00

VAN INTERIOR LIGHTING

SLIMLITE-3	(3) SLIMLITE 60581 INSTALLED TO TOP CROSS MEMBERS OF VAN CEILING.	$485.00
SLIMLITE-5	(5) SLIMLITE 60581 INSTALLED TO TOP CROSS MEMBERS OF VAN CEILING.	$900.00

EXTERIOR FLOOD LIGHTING

FEDERAL SIGNAL

FS COM750-RND-2	(2) Federal Signal LED 1100 lumen 3" Round Work Lights, mounted at rear of utility body.	$335.00

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FS COM1200-SQ-2	(2) Federal Signal LED 2700 lumen 4.3" Square Work Lights, mounted at rear of utility body.	$360.00

GO-LIGHT

GO-LIGHTSC	Model 20204 LED GoLight with hard wired dash mount remote	$935.00
GO-LIGHTDC	Model 20074GT LED GoLight with wireless hand held and dash mount controls	$1,070.00

TRAFFIC DIRECTORS

FEDERAL SIGNAL

FS SL6S-A	Federal Signal 6 Head Latitude Directonal Stick with economy controller (Amber)	$775.00
FS SL8S-A	Federal Signal 8 Head Latitude Directonal Stick with economy controller (Amber)	$830.00

WHELEN

W DOM6-A	Whelen Dominator 6-LED traffic advisor with mount brackets (AMBER).	$880.00
W DOM8-A	Whelen Dominator 8-LED traffic advisor with mount brackets (AMBER).	$1,105.00

STAR

ST DLQS4-MC	STAR Dual Color Four LED Module 6-Light heads per module 30.8"L X 1.468"W X 1.1875"H Traffic Advisor -requires controller	$750.00
ST DLQS-6	STAR single color Six LED Module 6-Light heads per module 30.6"L X 1.468"W X 1.1875"H Traffic Advisor -requires controller	$840.00
ST DLQS-8	STAR single color Eight LED Module 6-Light heads per module 40.6"L X 1.468"W X 1.1875"H Traffic Advisor -requires controller	$985.00
ST DLQS-8-MC	STAR Dual Color Eight LED Module 6-Light heads per module 40.6"L X 1.468"W X 1.1875"H Traffic Advisor -requires controller	$1,035.00
ST TD93DLXTARO	STAR 48" Aarrow End Traffic Advisor (Includes controller)	$1,590.00

BEACONS

STAR

ST 256TSL-AA	STAR Beacon LED with Amber lens and Amber LED lights.	$300.00
ST 256TSL-CA	STAR Beacon LED with CLEAR lens and Amber LED lights.	$300.00
ST 256TSL-2-AA	(2) STAR Beacon LED with Amber lens and Amber LED lights.	$515.00
ST 256TSL-2-CA	(2) STAR Beacon LED with CLEAR lens and Amber LED lights.	$515.00

WHELEN

W L31HAF	WHELEN L31 - 4" x 7.2" Amber beacon, installed.	$785.00
W QUICK-FIT-FORD	WHELEN QUICK FIT ALUMINUM 3RD BRAKE LIGHT MOUNTING BRACKET, WHITE.	$470.00
W QUICK-FIT-GM	WHELEN QUICK FIT ALUMINUM 3RD BRAKE LIGHT MOUNTING BRACKET, WHITE.	$470.00

MOUNTING BRACKETS

AJ FS-ACARI-F	ACARI TT MOUNTING BRACKET (FORD F-150 2015+, F-250 - F-550 2017+, RANGER 2019+)	$420.00
NARWAHL	Custom fabricated aluminum bracket fastened to front slope of mid/high roof vans to correct the slope for Go-Light install	$185.00
ST GO-LIGHT-BRACKET	STAR Go-Light Mounting Bracket for Phazer Light Bar	$130.00

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CHMSL ECCO	Ecco CHMSL 3rd Brake Light Mounting Bracket, Ford F-150, with ECCO LED Minibar: Reflex, 15", 12-24VDC, 18 flash patterns, amber. Installed with Single Illuminated switch on dash.	$810.00

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LABOR ITEMS

CAMERA INSTALL

LABOR	LABOR RATE PER HOUR FOR FLEET INSTALLS.	$130.00
PATROL	POLICE PATROL VEHICLE WIRING FEE includes 100A power distribution panel with 6 fused circuits.	$310.00
UNMARKED	UNMARKED VEHICLE WIRING FEE includes 100A power distribution panel with 6 fused circuits.	$310.00
FIRE COMMAND	FIRE COMMAND VEHICLE WIRING FEE includes 100A power distribution panel with 6 fused circuits.	$570.00
RADIO	INSTALL CUSTOMER PROVIDED SINGLE PIECE RADIO	$130.00
RADIO-2	INSTALL CUSTOMER PROVIDED 2 PIECE RADIO	$260.00
GPS	INSTALL CUSTOMER PROVIDED ROOF MOUNTED GPS ANTENNA	$130.00
DASH CAM	INSTALL CUSTOMER PROVIDED CAMERA SYSTEM WITH DVR	$455.00
ANTENNA	INSTALL CUSTOMER PROVIDED ROOF MOUNTED RADIO ANTENNA	$130.00
AJ POWER	100A power distribution panel with ground 12V power/ignition/ground.	$125.00
PITA	Additional labor and supplies required for install in atypical vehicle type.	$390.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00
RADIO-ANTENNA	800 MHz Low-Profile radio antenna installed on roof with antenna lead to appropriate location for one or two piece radio.	$195.00
INSTALL	INSTALLATION OF ALL EQUIPMENT ON THIS QUOTE.	$0.00
COVERT-ANTENNA	STICK ON STYLE COVERT ANTENNA, INSTALLED IN GLASS.	$190.00

CONSOLE ACCESSORIES

TROY PRODUCTS

TP SCREEN-ARM	TROY PRODUCTS LAPTOP SCREEN SUPPORT ARM	$85.00
TP PRINTER-ARM-REST	Furnish and Install Height-adjustable printer arm rest w/5x8 pad, bolts to rear of console rear.	$485.00
TP PRINTER-PKT	TROY PRODUCTS printer insert for PocketJet printers with 2-3/8" paper roll. For select wide-body consoles with open storage.	$480.00
TP MAG-MIC	TROY PRODUCTS magnetic microphone mount.	$75.00
TP MIC	TROY PRODUCTS microphone clip and clip plate.	$40.00
TP ARGES-FP	TROY PRODUCTS 4" faceplate for the Arges spotlight with two (2) DC outlets and one (1) dual USB port.	$55.00
TP DUAL-ARGES-FP	TROY PRODUCTS 5" faceplate for Dual Arges spotlight.	$0.00
TP FP-CORE	TROY PRODUCTS 3" Whelen Cencom Core faceplate.	$0.00
TP FP-MOTO	TROY PRODUCTS 3" face plate for Motorolla XTL2500/5000/APX6500 one piece radio	$0.00
TP FP-MOTO-REMOTE	TROY PRODUCTS 3" face plate for Motorolla XTL2500/5000/APX6500 with remote head	$0.00
TP FP-HARRIS	TROY PRODUCTS 4" face plate for Harris XG-25M one-piece radio.	$0.00
TP FP-HARRIS-REMOTE	TROY PRODUCTS 3" face plate for Harris XG-25M remote head radio.	$0.00
TP FP-TAIT	TROY PRODUCTS 4" face plate for Tait M8200 one-piece radio.	$0.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

TP FP-TAIT-REMOTE	TROY PRODUCTS 4" face plate for Tait M8200 remote head radio.	$0.00
TP FP-W-ARGES	TROY PRODUCTS 4" faceplate for Whelen Arges spotlight controller.	$0.00
TP FP-WCENCOM	TROY PRODUCTS 4" faceplate for Whelen CenCom Sapphire, CANTROL or 295SDA series siren controller.	$0.00

GUN MOUNTS AND LOCKS

TROY PRODUCTS

TP GM-SWM-UNIV	TROY PRODUCTS theft-deterrent single-weapon gun mount. Includes butt plates and lock brackets with Large handcuff style gun lock. Includes (1) Universal handcuff style weapon locks with standard #2 Key & push-button override.	$635.00
TP GM-DWM-870/AR	TROY PRODUCTS theft-deterrent dual weapon gun mount. Includes butt plates and lock brackets. Includes (1) shotgun clamshell style gun lock with #2 Key & (1) AR clamshell style weapon lock with #2 key.	$825.00
TP GM-DWM-UNIV	TROY PRODUCTS theft-deterrent dual weapon gun mount. Includes butt plates and lock brackets with Large handcuff style gun lock. Includes (2) Universal handcuff style weapon locks with standard #2 Key & push-button override.	$925.00
TP GM-SC-DWM-FREE	TROY PRODUCTS free-standing dual-weapon gun mount equipped with Troy single-cell partitions.	$890.00
TP GM-SC-DWM	TROY PRODUCTS dual-weapon gun mount equipped with Troy single-cell partitions.	$865.00
TP GM-SC-SWM	TROY PRODUCTS single-weapon gun mount equipped with Troy single-cell partitions.	$695.00

SETINA

SET 1GUN-MNT	Setina SINGLE weapon partition mounted gun rack with universal lock.	$740.00
SET 2GUN-MNT	Setina DUAL weapon partition mounted gun rack with universal locks.	$1,005.00
SET GM-1080E-40MM	SETINA DOUBLE RAIL GUN MOUNT WITH BLAC-RAC RUN LOCK MOUNTED ON PASSENGER SIDE RAIL & 40MM UNIVERSAL HANDCUFF MOUNTED ON DRIVER SIDE RAIL.	$1,465.00
SET BLACRAC	SMC SINGLE T-RAIL MOUNT WITH ELECTRIC BLAC-RAC LOCING HEAD, INCLUDES COLD WIRE MODULE.	$1,300.00

PROGARD

PG 1GUN-MNT	Pro-Gard vertical partition mount SINGLE weapon tri-Lock gun rack with handcuff key	$825.00
PG 2GUN-MNT	Pro-Gard vertical partition mount DUAL weapon tri-Lock gun rack with handcuff key	$985.00

COMPUTER STANDS AND CRADLES

TROY PRODUCTS

TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00
TP CM-LT-1600	TROY PRODUCTS Deluxe laptop tray for computer up to 15"W x 11.5H (3 lbs lighter than CM-LT-1500) for use w/computer mount assemblies ending in -LED.	$310.00
TP ESC-MAV-COMP-SA	TROY PRODUCTS ESCAPE & MAVERICK stand alone passenger seat mount computer stand with swing arm (DOCKING STATION NOT INCLUDED).	$640.00
TP ESC-MAV-COMP-SL	TROY PRODUCTS ESCAPE & MAVERICK stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$755.00

SETINA

PKG-PSM-UNIV	Havis Universal compunter mount stand, cradle sold separately.	$810.00
SET UT-1001	Havis universal laptop tray.	$370.00

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RAM MOUNTS

RAM-VB-196-SW1	RAM universal laptop mounting kit with universal cradle.	$605.00

SPOT LAMPS

UNITY

L-SPOT	Unity left-hand pillar mounted 6" spotlight with clear halogen bulb.	$465.00
L-SPOT-LED	UNITY Left hand spotlamp including Unity LED bulb & install kit.	$705.00
LR-SPOT	Unity left & right-hand pillar mounted 6" spotlight with clear halogen bulb	$930.00
LED BULB	Whelen LED replacement bulb for left hand spot lamps.	$315.00
LED BULB 2	Whelen LED replacement bulbs for left and right hand spot lamps.	$635.00

WHELEN ARGES

W ARGES1	Whelen Arges dedicated spot lamp with control head and vehicle specific Arges mount.	$1,435.00
W ARGES2	Whelen Arges ProFocus spot/floor combination lamp with control head and vehicle specific Arges mount.	$1,410.00

WHELEN

HOWLER / SPEAKERS

W HOWLER WEC-X	Whelen single low frequency supplemental siren, with universal mounting bracket.	$980.00
W SA315P	Whelen 100 watt speaker with bracket.	$355.00
W ULF44	WHELEN LOW CURRENT FLASHER FOR HALO/LED LIGHTS	$225.00

CONTROLERS/AMPLIFIERS

W 295-CONT	Whelen 295SLSA6 controller with Whelen 100/200W Scan-Lock Self-Contained Siren/Switch.	$725.00
W 6-SWITCH	Whelen 6-switch contoller.	$165.00
W HHS3200-LC	Whelen HHS3200 hand held conrtoller Whelen 100/200W Scan-Lock Self-Contained Siren/Switch for low current applications.	$695.00
W DOM-CONT	Whelen Traffic advisor controller.	$130.00
W CEN-CORE-S	Whelen CENCOM Core S one piece siren with 21 Button control center.	$1,960.00
W CEN-CORE-HHS	Whelen CENCOM Core remote head siren with Hand Held control center.	$1,435.00
W CEN-CORE-21	Whelen CENCOM Core remote head siren with 21 Button control center.	$1,435.00
W CEN-CORE-ROT	Whelen CENCOM Core remote head siren with Rotary Knob control center.	$1,435.00
W CABIN-SPEAKER	Core Cabin Speaker to be mounted in console to repeat voice tones and sound operator warnings and tones.	$170.00

EXPANSION MODULES

W EXP8	WHELEN 8-OUTPUT WECAN-X EXPANSION MODULE	$285.00
W EXP16	WHELEN 16-OUTPUT WECAN-X EXPANSION MODULE	$315.00
W EXP24	WHELEN 24-OUTPUT WECAN-X EXPANSION MODULE	$370.00

PERIMITER LIGHTING

W AVENGER-BKT	Whelen dual Avenger headliner bracket.	$15.00

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W AVGR-D-HLB	Whelen dual Avenger with single color per light head with headliner mount bracket.	$485.00
W AVGR-D-UNIV	Whelen dual Avenger with single color per light head with universal mount.	$470.00
W AVGR-DUO-HLB	Whelen single Avenger, dual color with headliner mount bracket.	$450.00
W AVGR-DUO-UNIV	Whelen single Avenger, dual color with universal mount.	$425.00
W AVGR-HLB	Whelen single Avenger with headliner mount bracket, single color.	$425.00
W AVGR-UNIV	Whelen single Avenger universal mount, single color.	$400.00
W AVP	Whelen administrative vehicle package includes (4) dual avengers with (2) mounted in front windshield with headliner brackets and (2) mounted in rear glass, (2) T-series light heads mounted on L-brackets in grille, and (2) T-series light heads mounted on tag bracket. Includes Alpha siren and light controller, SA315P 100 watt speaker and bracket.	$3,225.00
W DAVGR-D-HLB	Whelen dual Avenger, duo color per light with headliner mount bracket	$595.00
W DAVGR-D-UNIV	Whelen dual Avenger, duo color per light with universal mount.	$580.00
W DOM6	Whelen Dominator 6-LED traffic advisor with mount brackets, requires controller.	$850.00
W DOM8	Whelen Dominator 8-LED traffic advisor with moun brackets, requires controller.	$1,110.00
W DOME-RW	Whelen low profile LED red/white dome light with built in switch.	$350.00
W HATCH	Whelen perimiter enhancement light.	$415.00
W HLF-UNIV	Whelen - Headlight flashers, solid state (Does Not Work with All Vehicles)	$335.00
W INNER-F-FST	Whelen solo color Front Interior Lightbar with eight 6-LED lamps, upper front unit that fits snugly against the front window of the vehicle, individual driver and passenger side units, with two LED flashing/take-downs (one per housing).	$1,230.00
W INNER-F-XLP	Whelen EXTRA low profile solo color Front Interior Lightbar with eight 6-LED lamps, upper front unit that fits snugly against the front window of the vehicle, individual driver and passenger side units, with two LED flashing/take-downs (one per housing).	$1,230.00
W INNER-REAR-LC	Whelen solo interior sedan/suv rear inner edge with mounting tray.	$1,355.00
W ION-2	(2) Whelen Wide Angle ION series light head universal mount with bracket (Single color or "Split" only)	$435.00
W ION-DUO-2	(2) Whelen dual color ION series universal mount light heads.	$475.00
W ION-SM-2	(2) Whelen Wide Angle ION series surface mount light heads (Single color or "Split" only).	$435.00
W IONV-2	(2) Whelen ION-V series light head with puddle light and mounting bracket.	$785.00
W M4-2	(2) Whelen M4 series SOLID color light heads with black surround.	$615.00
W M4-SPLIT-2	(2) Whelen M4 series Dual color light heads with black surround.	$515.00
W MCRN-2	(2) Whelen Micron series light heads surface mount.	$400.00
W MCRN-2-LB	(2) Whelen Micron series light heads surface mount with L-brackets.	$430.00
W MCRN-2-TAG	(2) Whelen Micron series light heads surface mounted with tag mount bracket.	$435.00
W MCRN-TAG-BKT	Whelen Micron license plate mounting bracket.	$30.00
W STRIPLT-2	(2) Whelen Mega-T Plus LED light solo color surface mount light heads (NO SPLIT COLORS).	$395.00
W STRIPLT-2-LB	(2) Whelen Mega-T Plus LED light solo color light heads with (2) 90 deg mounting L-brackets (NO SPLIT COLORS).	$435.00
W STRIPLT-DUO-2	(2) Whelen Mega-T Plus LED light duo color surface mount light heads.	$435.00
W STRIPLT-DUO-2-LB	(2) Whelen Mega-T Plus LED light duo color light head with 90 deg mounting L-brackets.	$475.00

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W TLI-2	(2) Whelen T-Series Single Color ultra thin light heads surface mounted.	$435.00
W TLI2-LB-2	(2) Whelen T-Series DUAL color ultra thin light heads with L-bracket.	$460.00
W TLI2-TAG-2	(2) Whelen T-Series DUAL color ultra thin light heads mounted with tag bracket.	$475.00
W TLI3-2	(2) Whelen TRI color T-series ultra thin series light head surface mount.	$495.00
W TRACER12-UNIV	(2) Whelen 12" Tracers (one lamp housing) with universal mounting brackets SOLO	$965.00
W TRACER60-DUO-UNIV	(2) Whelen 60" DUO color Tracers (5 lamp housing) with universal mounting brackets.	$1,805.00
W TRACER72-DUO-UNIV	(2) Whelen 60" DUO color Tracers (6 lamp housing) with universal mounting brackets	$2,075.00
W TLI-LB-2	(2) Whelen ION "T" series ultra thin light heads with L-bracket.	$460.00
W TLI-TAG-2	(2) Whelen ION "T" series ultra thin light heads mounted with tag bracket	$475.00
W VTX609C-K8A	WHELEN FOUR CORNER LED KIT (WHITE) INSTALLED with WHELEN TWIST IN ADAPTER FOR FACTORY PREPPED HEAD LIGHTS/TAIL LIGHTS.	$775.00
W OUTTER-PIU-DUO	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side.	$1,560.00
W PILLAR-DUR	Whelen Durango rear pillar LED lighting includes (3) light heads per side.	$1,390.00
W PILLAR-DUR-DUO	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side.	$1,560.00
W PILLAR-PIU	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side.	$1,385.00
W PILLAR-PIU-DUO	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side.	$1,560.00
W TLI2-2	(2) Whelen T-series Dual Color light head with mounting bracket.	$435.00
W MINI-T-2-STUD	(2) Whelen Mini T-series light heads Dual Color with stud mount installed in grille.	$415.00
W OUTER-PIU	Whelen Police Intercetpor Utility rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,260.00
W OUTER-PIU-DUO	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,550.00

LIGHTING BRACKETS

W M4-FLANGE-BL	(2) Whelen M4 Flange Mounts	$25.00
W MCRN-L-BRACKET	(2) Whelen Micron L-Brackets	$25.00
W TLI-BKT1	(2) Whelen Dual T-Series vertical L-bracket	$40.00
W TLI-TAG-BKT	Whelen T-Series Tag bracket	$45.00

LIGHTING UPGRADES

W LEGACY-MNE	Upgrade any Whelen light bar to Midnight Edition to include smoked lenses and black strap kit	$105.00
W TRACER-SMOKE	Upgrade any Whelen Tracers include smoked lenses.	$105.00

FEDERAL SIGNAL

PERIMITER LIGHTING

FS XSTREAM-2-RB	(2) Federal Signal Xstream warning LEDs (single head) with universal mounting & shroud.	$385.00
FS XSTREAM-2-D-RB	(2) Federal Signal Xstream warning LEDs (dual head) with universal mounting & shroud.	$400.00
FS MIRROR	(2) Federal Signal side mirror rubber wedges with (2) micropulse dual color LED's	$555.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS MPS123U-2-RB	(2) Federal Signal MicroPulse Ultra 12 Tri-Color, Clear Lens (RBW).	$495.00

MODULES

FS SIM	Federal Signal -Serial Interface Modue- Required to Operate Serial Light Bars with Analog Factory Switches.	$245.00
FS OPTICOM	OPTICOM TRAFFIC LIGHT CONTROLLER, MOUNTED INSIDE WINDSHIELD IF NOT OTHERWISE SPECIFIED.	$2,285.00

STAR SIGNAL

ST DLITE-2LB	(2) STAR Micro LED's ultra-low profile with 90-deg L-brackets.	$430.00
ST DLITMC-RUN6	(6) STAR MICROSTAR DLITE TRI-COLOR LED LIGHTS MOUNTED TO CUSTOM RUNNING BOARD BRACKETS, 3-PER SIDE	$1,490.00
ST DLX6-2	(2) STAR Emergency Lighting 6-LED light heads, surface mount.	$355.00
ST DLX6-2-LB	(2) STAR Emergency Lighting 6-LED light heads with (2) L-brackets.	$395.00
ST SB-4020	STAR 6 pos rocker switch box.	$135.00
ST SB4040	STAR switch box with progressive slide feature	$190.00
ST ULB28	STAR Phantom LED full width front visor interior bar with thin profile & dual color. (Req's Controller)	$1,140.00
ST ULB38-TA	STAR Phantom 6-LED rear window light bar with dual color traffic director, low profile. (Req's Controller)	$820.00
ST ULB48-TA	STAR Phantom 10-LED rear window light bar with dual color traffic director, low profile. (Req's Controller)	$1,140.00
ST ULB9LDC-2	(2) STAR Emergency Lighting 9-diode LED dual color light.	$650.00
ST ULB9S	(2) STAR Emergency Lighting 9-diode LED split single color light.	$555.00
ST-D44-16	STAR Cyclone Speaker with bracket, rear facing 100 watt driver.	$340.00
ST AVP	STAR administrative vehicle package includes (4) ULB9S Mini-Phantom's with (2) mounted in front windshield and (2) mounted in rear glass. (2) Dlit's installed in grille with l-brackets, and (4) DLIT mounted on tag bracket. Includes (LCS653) combination siren and light controller (NO PA) with (D-44-16) patented Cyclone 100 watt speaker and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$2,885.00
STPLB44-850	STAR Dual Color 44" Phazer LED light bar (model 1400LED) with Lineum X Technology. Fully loaded with full front flood and solid corners, rear traffic director, lifetime lens warranty & 7 year LED warranty. 100% American made. Includes vehicle specific brackets. Complies with Buy America Act 23 U.S.C. & 313. Meets all D.O.T. requirements. Class 1 LED Lighting. (LCS850MG12) digital command control center for lights, sirens, and PA. Patented (D-44-16) Cyclone 100 watt speaker with bracket.	$3,370.00
STPLB44-HHS	STAR Dual Color 44" Phazer LED light bar (model 1400LED) full DUAL color with Lineum X Technology. Fully loaded with full front flood and solid corners, rear traffic director, lifetime lens warranty & 7 year LED warranty. 100% American made. Includes vehicle specific brackets. Complies with Buy America Act 23 U.S.C. & 313. Meets all D.O.T. requirements. Class 1 LED Lighting. (LCS8880) hand held controller for lights, sirens, and PA. Patented (D-44-16) Cyclone 100 watt speaker with bracket.	$3,060.00
STPLB51-850	STAR Dual Color 51" Phazer LED light bar (model 1400LED) full DUAL color with Lineum X Technology. Fully loaded with full front flood and solid corners, rear traffic director, lifetime lens warranty & 7 year LED warranty. 100% American made. Includes vehicle specific brackets. Complies with Buy America Act 23 U.S.C. & 313. Meets all D.O.T. requirements. Class 1 LED Lighting. (LCS850MG12) digital command control center for lights, sirens, and PA. Patented (D-44-16) Cyclone 100 watt speaker with bracket.	$3,720.00
STPLB51-HHS	STAR Dual Color 51" Phazer LED light bar (model 1400LED) full DUAL color with Lineum X Technology. Fully loaded with full front flood and solid corners, rear traffic director, lifetime lens warranty & 7 year LED warranty. 100% American made. Includes vehicle specific brackets. Complies with Buy America Act 23 U.S.C. & 313. Meets all D.O.T. requirements. Class 1 LED Lighting. (LCS8880) hand held controller for lights, sirens, and PA. Patented (D-44-16) Cyclone 100 watt speaker with bracket.	$3,410.00

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STPUMP-850-SDN	STAR Dual Color Unmarked Package includes (Model ULB28) DUAL color LED Lineum low profile front visor. Rear visor (Model ULB48) DUAL color LED undercover bar with STAR Phantom Lineum X traffic director. Includes (Model 850MG12) digital command control center for light and siren control with PA, (D-44-16) Cyclone 100 watt speaker, and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$3,780.00
STPUMP-850-SUV	STAR Dual Color Unmarked Package includes (Model ULB28) DUAL color LED Lineum low profile front visor. Rear visor (Model ULB38) DUAL color LED undercover bar with STAR Phantom Lineum X traffic director. Includes (Model 850MG12) digital command control center for light and siren control with PA, (D-44-16) Cyclone 100 watt speaker, and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$3,475.00
STPUMP-850-TRK	STAR Dual Color Unmarked Package includes (Model ULB28) DUAL color LED Lineum ultra low profile front visor. Rear (Model DLQS8MC) DUAL color LED 8-light head bar with STAR Phantom Lineum X traffic director. Includes (Model 850MG12) digital command control center for light and siren control with PA, (D-44-16) Cyclone 100 watt speaker, and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$3,675.00
STPUMP-HHS-SDN	STAR Dual Color Unmarked Package includes (Model ULB28) DUAL color LED Lineum low profile front visor. Rear visor(Model ULB48) DUAL color LED undercover bar with STAR Phantom Lineum X traffic director. Includes (Model LCS880) hand held combination light and siren control with PA, (D-44-16) Cyclone 100 watt speaker, and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$3,265.00
STPUMP-HHS-SUV	STAR Dual Color Unmarked Package includes (Model ULB28) DUAL color LED Lineum low profile front visor. Rear visor (Model ULB38) DUAL color LED undercover bar with STAR Phantom Lineum X traffic director. Includes Includes (Model LCS880) hand held combination center for light and siren control with PA, (D-44-16) Cyclone 100 watt speaker, and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$2,960.00
STPUMP-HHS-TRK	STAR Dual Color Unmarked package includes (Model ULB28) DUAL color LED Lineum low profile front visor. Rear (Model DLQS8) single color LED 8-light head bar with STAR Phantom Lineum X traffic director. Includes Includes (Model LCS880) hand held combination center for light and siren control with PA, (D-44-16) Cyclone 100 watt speaker, and vehicle specific bracket. Made in the US. D.O.T. Compliant. Meets all criteria of the Buy America Act 23 U.S.C. & 313. Class 1 LED Lighting.	$3,155.00

CODE3

C3 OUTLINER-60	CODE3 DUAL COLOR OUTLINER 60" INSTALLED ALONG RUNNING BOARD.	$1,190.00
C3 OUTLINER-72	CODE3 DUAL COLOR OUTLINER 72" INSTALLED ALONG RUNNING BOARD.	$1,280.00
C3 UT-SPEAKER	CODE 3 ultra thin 100W siren speaker with bracket.	$355.00
C3-MICROPACK	(2) CODE3 MicroPak Single Color high output Class I LED with push-in style flush mount installation.	$440.00
C3-MICROPACK-DC	(2) CODE3 MicroPak DUAL Color high output Class I LED with push-in style flush mount installation.	$460.00

SPIKE STRIPS

S3700K	STOP STICK SUV KIT FROM STOP STICK LTD. INCLUDES 3 STOP STICKS, 1 REPLACEMENT STICK, DEPLOYMENT BAG, CORD REEL AND SLEEVE.	$750.00

HARNESS

HARNESS	CUSTOM WIRING HARNESS WITH FULLY CUSTOM LABLED CABLES & PRE-ROUTED CIRCUITS.	$450.00

ALAN JAY FLEET SALES

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BATTERY SAVER

KUSSMAUL

E1 KUSSMAUL-SINGLE	KUSSMAUL 51-03-1206 auto eject charging System for emergency vehicles with single battery. KIT includes 1000w onboard charger, charge indicator, auto eject plug, and aluminum weather resistant ejector housing. Includes installation of auto eject plug & housing near driver side rear bumper (must specify on PO if desired installation different than specified)	$2,035.00
E1 KUSSMAUL-DUAL	KUSSMAUL 53-03-1206 auto eject charging System for emergency vehicles with two batteries. KIT includes 2000w onboard charger, charge indicator, auto eject plug, and aluminum weather resistant ejector housing. Includes installation of auto eject plug & housing near driver side rear bumper (must specify on PO if desired installation different than specified)	$2,090.00

HAVIS

H CG-X	HAVIS CHARGE GUARD BATTERY RUN DOWN PROTECTION, INSTALLED.	$225.00

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PIU BALLISTICS

ANGEL ARMOR

AA PIU-3A-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2020+ POLICE INTERCEPTOR UTILITY) INCLUDES FREIGHT AND INSTALLATION.	$1,175.00
AA PIU-3A-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2020+ POLICE INTERCEPTOR UTILITY) INCLUDES FREIGHT AND INSTALLATION.	$1,175.00
AA PIU-3PLUS-D	ANGEL ARMOR LEVEL III+ FRONT DRIVER DOOR FOR (2020+ POLICE INTERCEPTOR UTILITY) INCLUDES FREIGHT AND INSTALLATION.	$1,785.00
AA PIU-3PLUS-P	ANGEL ARMOR LEVEL III+ FRONT PASSENGER DOOR FOR (2020+ POLICE INTERCEPTOR UTILITY) INCLUDES FREIGHT AND INSTALLATION.	$1,785.00

PIU PUSH BUMPERS

WESTIN

WEST PIU-PB	Westin Elite push bumper for Interceptor Utility 2020+.	$880.00
WEST PIU-PB2L	Westin Elite push bumper for Interceptor Utility 2020+ with two light channel (lights purchased separately).	$940.00
WEST PIU-PB2L-PIT	Westin Elite push bumper for Interceptor Utility 2020+ with two light channel including pit bars (No headlight wraps - lights purchased separately).	$1,765.00
WEST PIU-PB2L-PIT-W	Westin Elite push bumper for Interceptor Utility 2020+ with two light channel including pit bars with headlight wraps (lights purchased separately).	$2,160.00

TROY PRODUCTS

TP PB-PIU	TROY PRODUCTS Push-bumper uprights with solid top channel cover.	$1,155.00
TP PB-PIU-LB2	TROY PRODUCTS Push-bumper uprights with two (2) light channel brackets and wire covers. Specify make & model of lights.	$1,180.00
TP PB-PIU-LB4	TROY PRODUCTS Push-bumper uprights with four (4) light channel brackets and wire covers. Specify make & model of lights.	$1,180.00
TP PB-LGH-BKT	TROY PRODUCTS Push-bumper upright 45 degree light brackets to give side mounted lights more angel. (SOLD PER ONE EACH)	$485.00
TP PB-UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$670.00
PB UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$660.00

PROGARD

PG PIU-PB	Pro-Gard HD push bumper.	$1,030.00

SETINA

SET PIU-PB400	Setina PB400 VS aluminum push bumper.	$1,060.00
SET PIU-PB450L2	Setina lighted push bumper with (2) forward facing ION LED lights, installed.	$1,740.00
SET PIU-PB450L4	Setina lighted push bumper with (2) forward facing LED lights & (2) side facing LED lights, installed.	$2,060.00

FEDERAL SIGNAL

FS PIU-PB	Federal Signal DFC Push Bumper series with speaker mount screens, no wraps, pit bars, or light channel.	$1,030.00
FS PIU-PB2L	Federal Signal DFC Push Bumper series with speaker mount screens and two light channel (lights sold separately).	$1,030.00
FS PIU-PB4L	Federal Signal DFC Push Bumper series with speaker mount screens and four light channel (lights sold separately).	$1,030.00

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FS PIU-PB2L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and two light channel (lights sold separately).	$2,060.00
FS PIU-PB4L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and four light channel (lights sold separately).	$2,060.00
FS PIU-PB2L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and two light channel (lights sold separately).	$2,575.00
FS PIU-PB4L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and four light channel (lights sold separately).	$2,575.00

PIU WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W MINI-T-2STUD-RB	(2) Whelen TRIO MINI-T series light heads surface mount with stud mount installed in grille split (RED/BLUE/WHITE).	$415.00
W MINI-T-2STUD-RB	(2) Whelen DUO MINI-T series light heads surface mount with stud mount installed in grille split (RED/BLUE).	$415.00
W MINI-T-2STUD-RBW	(2) Whelen DUO MINI-T series light heads surface mount with stud mount installed in grille split (RED/WHITE & BLUE/WHITE).	$415.00
W MINI-T-2STUD-BW	(2) Whelen DUO MINI-T series light heads surface mount with stud mount installed in grille split (BLUE/WHITE).	$415.00
W MINI-T-2STUD-TRIO-RBW	(2) Whelen DUO MINI-T series light heads surface mount with stud mount installed in grille split (RED/BLUE/WHITE).	$455.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00

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W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$895.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00
W VTX609-K8A-B	WHELEN VERTEX INSTALLED IN FACTORY PREPPED HEADLIGHT WITH TWIST LOCK ADAPTER (BLUE)	$380.00
W VTX609-K8A-RB	WHELEN VERTEX INSTALLED IN FACTORY PREPPED HEADLIGHT WITH TWIST LOCK ADAPTER (RED/BLUE)	$380.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00
W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W MINI-T-2STUD-RW	(2) Whelen DUO MINI-T series light heads surface mount with stud mount installed in grille split (RED/WHITE).	$415.00
W VTX609-K8A-R	WHELEN VERTEX INSTALLED IN FACTORY PREPPED HEADLIGHT WITH TWIST LOCK ADAPTER (RED)	$380.00

LAW ENFORCEMENT SIDE

W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00

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W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00
W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W PILLAR-PIU-RB	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,385.00
W PILLAR-PIU-DUO-RB	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,560.00
W PILLAR-PIU-DUO-RBA	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & BLUE/AMBER).	$1,560.00
W PILLAR-PIU-BW	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,385.00
W PILLAR-PIU-DUO-BW	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,560.00
W PILLAR-PIU-DUO-BWA	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE & WHITE/AMBER).	$1,560.00
W OUTER-PIU-RB	Whelen Police Intercetpor Utility rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/BLUE).	$1,260.00
W OUTER-PIU-DUO-RB	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/BLUE).	$1,550.00
W OUTER-PIU-DUO-RBA	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/AMBER & BLUE/AMBER).	$1,550.00
W OUTER-PIU-BW	Whelen Police Intercetpor Utility rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/WHITE).	$1,260.00
W OUTER-PIU-DUO-BW	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/WHITE).	$1,550.00
W OUTER-PIU-DUO-BWA	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/AMBER & WHITE/AMBER).	$1,550.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W INNER-RST-DUO-PIU-RBA	Whelen DUO interior sedan/suv rear inner edge with mounting tray (RED/BLUE/AMBER).	$1,255.00

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Sourcewell Formerly NJPA
Awarded Contract

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FIRE / EMS REAR

W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W TLI2-2HATCH-RA	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$435.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W PILLAR-PIU-RW	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,385.00
W PILLAR-PIU-DUO-RW	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,560.00
W PILLAR-PIU-DUO-RWA	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & WHITE/AMBER).	$1,560.00
W OUTER-PIU-RW	Whelen Police Intercetpor Utility rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,260.00
W OUTER-PIU-DUO-RW	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/WHITE).	$1,550.00
W OUTER-PIU-DUO-RWA	Whelen Police Interceptor Utility DUO rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/AMBER & WHITE/AMBER).	$1,550.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00

ARGES / HOWLER

W ARGES1-PIU-1	Whelen Arges dedicated spot lamp with control head with Interceptor Utility specific Arges mount.	$1,305.00
W ARGES1-PIU-2	Dual Whelen Arges dedicated spot lamps with control head and Interceptor Utility specific driver and passenger Arges mounts.	$2,320.00
W HOWLER-PIU	Whelen low frequency supplemental siren, with Interceptor Utility mounting bracket.	$740.00

MIRROR

W UMIRROR-PIU-RB	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES RED/BLUE).	$885.00
W UMIRROR-PIU-BW	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES BLUE/WHITE).	$885.00
W UMIRROR-PIU-RW	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES RED/WHITE).	$885.00
W UMIRROR-PIU-RA	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES RED/AMBER).	$885.00
W MBEAM-PIU-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with SOLO ION series light heads (one RED/one BLUE).	$670.00
W MBEAM-PIU-DUO-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (RED/BLUE EACH SIDE).	$725.00
W MBEAM-PIU-DUO-RBW	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (RED/WHITE DRIVERS BLUE/WHITE PASSENGER).	$700.00
W MBEAM-PIU-B	(2) Whelen mirror beam front of side view mirror mounted LED's with SOLO ION series light heads (BLUE).	$670.00
W MBEAM-PIU-DUO-BW	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (BLUE/WHITE EACH SIDE).	$725.00
W MBEAM-PIU-R	(2) Whelen mirror beam front of side view mirror mounted LED's with SOLO ION series light heads (RED).	$670.00

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W MBEAM-PIU-DUO-RW	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (RED/WHITE EACH SIDE).	$725.00

TRACERS

W TRACER60-DUO-PIU-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$1,805.00
W TRACER60-DUO-PIU-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (BLUE/WHITE).	$1,805.00
W TRACER60-DUO-PIU-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/WHITE).	$1,805.00
W TRACER60-DUO-PIU-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/AMBER with override to WHITE).	$1,805.00
W TRACER60-DUO-PIU-RB	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/BLUE).	$1,805.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-PIU-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00
W EDGE2-ROT-PIU-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-PIU-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-PIU-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-PIU-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CHH-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W LEGACY-C21B-DT-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

LAW ENFORCEMENT UNMARKED PACKAGES

W SLICK1-HH-PIU-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED/BLUE).	$3,500.00
W SLICK1-21B-PIU-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,270.00
W SLICK1-ROT-PIU-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,205.00
W SLICK1-HH-PIU-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (BLUE).	$3,500.00
W SLICK1-ROT-PIU-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,205.00
W SLICK1-21B-PIU-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,270.00
W SLICK2-CHH-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-CHH-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-ROT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

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W SLICK2-OUT-21B-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 BUTTON Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-ROT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-21B-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-DUAL-ROT-PIU-RBWA	Whelen FST Front DUO, Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$6,290.00
W SLICK2-DUAL-21B-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$6,290.00
W SLICK2-DUAL-ROT-PIU-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$6,290.00
W SLICK2-DUAL-21B-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$6,290.00
W SLICK2-OUT-ROT-DT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-ROT-DT-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-ROT-DT-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-21B-DT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-ROT-DT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-21B-DT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-DUAL-ROT-DT-PIU-RBWA	Whelen FST Front DUO, Rear DUO SPOILER Outter Edge with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$7,205.00
W SLICK2-DUAL-21B-DT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$8,985.00
W SLICK2-DUAL-ROT-DT-PIU-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$8,985.00
W SLICK2-DUAL-21B-DT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$8,985.00

FIRE / EMS LIGHT BAR PACKAGES

W EDGE2-ROT-PIU-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,595.00
W EDGE2-21B-PIU-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-PIU-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LEGACY-C21B-DT-PIU-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-PIU-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W LIBERTY-OPTI-C21B-DT-PIU-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

FIRE / EMS UNMARKED PACKAGES

W SLICK1-HH-PIU-R	Whelen XLP SOLO Front and RST SOLO Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, Rotary knob Controller, speaker, and bracket (RED).	$3,500.00
W SLICK1-ROT-PIU-R	Whelen XLPSOLO Front and RST SOLO Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,205.00
W SLICK1-21B-PIU-R	Whelen XLP SOLO Front and RST SOLO Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,270.00
W SLICK2-CHH-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-ROT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-21B-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-DUAL-ROT-PIU-RWA	Whelen FST Front DUO, Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,290.00
W SLICK2-DUAL-21B-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,290.00
W SLICK2-ROT-DT-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,940.00
W SLICK2-OUT-ROT-DT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core,, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,940.00
W SLICK2-OUT-21B-DT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DT-PIU-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,205.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-DUAL-21B-DT-PIU-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21-button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,205.00

PIU FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00
FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00
FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00
FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00
FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00

LAW ENFORCEMENT SIDE

FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00
FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00

FIRE / EMS SIDE

FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00
FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00
FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00

LAW ENFORCEMENT REAR

FS MP2-2GATE-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$405.00
FS MP2-2GATE-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2HATCH-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$405.00
FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GATE-BW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$815.00
FS MP2-4GATE-RB	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (RED/BLUE).	$815.00
FS SML8-B	Federal Signal Latitude Signal Mater traffic advisor with (BLUE)LEDs.	$645.00
FS SML8-RB	Federal Signal Latitude Signal Mater traffic advisor with 1/2 (RED) and 1/2 (BLUE)LEDs.	$645.00
FS PIU-DPIL-RBW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$2,000.00
FS PIU-SPOIL-RBW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$1,245.00

FIRE / EMS REAR

FS MP2-2GATE-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2HATCH-RA	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$405.00
FS MP2-2LIC-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2TAG-RAW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$440.00
FS MP2-4GATE-RAW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$815.00
FS SML8-RW	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/WHITE)LEDs.	$645.00
FS SML8-RA	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/AMBER)LEDs.	$645.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS PIU-DPIL-RAW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$2,000.00
FS PIU-SPOIL-RAW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$1,245.00
	RUMBLER	
FS PIU-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$815.00
	MIRROR	
FS PIU-MIR-MPS-2-RBW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/BLUE/WHITE).	$665.00
FS PIU-MIR-MPS-2-RAW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/AMBER/WHITE).	$665.00
	RUNNING BOARD LIGHT	
FS DR5-PIU-RBW	Federal Signal 60" Running board light with tri-colored lens (RED/BLUE/WHITE).	$2,630.00
FS DR5-PIU-BAW	Federal Signal 60" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$2,630.00
FS DR5-PIU-RAW	Federal Signal 60" Running board light with tri-colored lens (RED/AMBER/WHITE).	$2,630.00
FS DR5-SMOKE-PIU-RBW	Federal Signal 60" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE).	$2,775.00
	LAW ENFORCEMENT LIGHT BAR PACKAGES	
FS ALGT53-PHHS-PIU-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-PIU-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-P21-PIU-RBWA	Federal Signal 53" Allegiant Max LED Lightbar, TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-PIU-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P17BRK-PIU-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,380.00
FS ALGT53-P21-DT-PIU-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-PIU-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00

ALAN JAY FLEET SALES

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Sourcewell Formerly NJPA

Awarded Contract

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS ALGT53-P17BRK-DT-PIU-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-PIU-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS ALGT53-PF400-DT-LF-PIU-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS VALOR51-P21-PIU-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P21-PIU-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-PIU-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-PIU-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-PIU-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-PIU-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-PIU-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS VALOR51-P17BRK-DT-PIU-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-PIU-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400-DT-LF-PIU-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00

LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-PIU-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100 watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-PHHS-PIU-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100 watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-P21-PIU-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P21-PIU-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-PIU-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P17BRK-PIU-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-PIU-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P21-DT-PIU-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-PIU-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-P17BRK-DT-PIU-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS SLICK3-OUT-P21-DT-PIU-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P21-DT-PIU-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-PIU-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-OUT-P17BRK-DT-PIU-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-PIU-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P21-DT-PIU-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P17BRK-DT-PIU-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00
FS SLICK3-DUAL-P17BRK-DT-PIU-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00

FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-P17BRK-DT-PIU-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P21-DT-PIU-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS ALGT53-P21-PIU-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-PF400-DT-LF-PIU-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS ALGT53-PF400Q-DT-LF-PIU-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar,TRI color w/sync capability (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS ALGT53-PHHS-PIU-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS VALOR51-P17BRK-DT-PIU-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-PIU-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-PIU-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-PIU-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-PF400-DT-LF-PIU-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400Q-DT-LF-PIU-RWGA	Federal Signal 51" Valor LED Lightbar, TRI Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,235.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-PHHS-PIU-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100 watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00

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FS SLICK3-P21-PIU-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-PIU-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-PIU-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-PIU-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-OUT-P21-DT-PIU-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-PIU-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-PIU-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P17BRK-DT-PIU-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00

PIU TROY CONSOLE & CAGES

CONSOLES

TP PIU-CON18	TROY PRODUCTS 18" L-shaped console with 10" slope / 8" level with faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, 2" faceplate w/ (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to rear of console.	$1,035.00
TP PIU-CON18-PRTR	TROY PRODUCTS 18" printer console with faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, 2" faceplate w/ (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to rear of console.	$1,220.00
TP PIU-CON22	TROY PRODUCTS 22" all-level console with faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, 2" faceplate w/ (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to rear of console.	$985.00
TP PIU-CON-OH	TROY PRODUCTS 2020+ PI Utility Overhead 4"Console - mounts siren control and radio remote head.	$520.00

PARTITIONS

TP PIU-1/2CAGE-POLY	TROY PRODUCTS PI Utility single-cell with poly window; kick panel w/ foot pocket, removable emergency escape panel , center seat floor plate, plastic seat with OS seatbelt system, rear partition w/POLY window, and cargo window side panels.	$3,215.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

TP PIU-1/2CAGE-WIRE-FIRE	TROY PRODUCTS PI Utility single-cell with poly window; kick panel w/ foot pocket, removable emergency escape panel , center seat floor plate, plastic seat with OS seatbelt system, rear partition square-hole pattern, fire cubby on DS.	$3,155.00
TP PIU-1/2CAGE-POLY-FIRE	TROY PRODUCTS PI Utility single-cell with poly window; kick panel w/ foot pocket, removable emergency escape panel , center seat floor plate, plastic seat with OS seatbelt system, rear partition w/POLY window, and fire cubby on DS.	$3,370.00
TP PIU-PART-SLIDE	TROY PRODUCTS large window partition with sliding window, crawl-through barrier and weapon recess panel, Includes mounting kit & partition kick panels with big foot pockets for Interceptor Utility.	$1,535.00
TP PIU-PART-FIX	TROY PRODUCTS fixed window all polycarbonate partition with pre-punched holes and weapon recess panel. Includes mounting kit & partition kick panels with big foot pockets for Interceptor Utility.	$1,560.00
TP PIU-CARGO-POLY	TROY PRODUCTS rear partition, poly main window and square-hole cargo window side panels.	$810.00
TP PIU-CARGO-WIRE	TROY PRODUCTS rear partition, square-hole main window with square-hole cargo window guards.	$735.00
TP PIU-CARGO-WIRE-FIRE-AED	TROY PRODUCTS rear partition, square-hole main window with driver side fire extinguisher compartment and passenger side locking storage compartment.	$905.00

SEATS & CAGES

TP PIU-SEAT-POLY	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with poly main window and cargo window side panels. Includes air bag corridor gap panels.	$2,545.00
TP PIU-SEAT-POLY-FIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with poly main window and fire cubby on DS. Includes air bag corridor gap panels.	$2,675.00
TP PIU-SEAT-POLY-FIRE-AED	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with poly main window and cargo window side panels to include AED and Fire Extinguisher cubby.	$2,795.00
TP PIU-SEAT-WIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with square-hole pattern and cargo window side panels.	$2,370.00
TP PIU-SEAT-WIRE-FIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with square-hole pattern and fire cubby on DS.	$2,525.00
TP PIU-SEAT-WIRE-FIRE-AED	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with square-hole pattern and fire cubby on DS and AED cubby on PS.	$2,705.00
TP PIU-CGP	TROY PRODUCTS PI Utility rear partition airbag corridor gap panels, driver and passenger sides. (For use with plastic seats.)	$250.00
TP PIU-DR-PLT	TROY PRODUCTS passenger door handle cover set.	$175.00
TP PIU-SWB	TROY PRODUCTS driver & passenger welded vertical bar window guards.	$425.00
TP PIU-SWB225	TROY PRODUCTS driver & passenger welded vertical bar window guards with 2.25 spacing.	$440.00
TP PIU-SWB-H	TROY PRODUCTS driver & passenger welded horizontal bar window guards.	$420.00
TP PIU-POLY	TROY PRODUCTS driver & passenger polycarbonate window guards.	$430.00
TP PIU-DP-SET	TROY PRODUCTS DRIVER AND PASSENGER DOOR PANEL SET.	$470.00
TP PIU-HATCH	TROY PRODUCTS cargo hatch square-hole window guard.	$260.00

COMPUTER STANDS

TP PIU-COMP-SA	TROY PRODUCTS 2020+ Interceptor Utility stand alone passenger seat mount computer stand with swing arm (DOCKING STATION NOT INCLUDED).	$660.00
TP PIU-COMP-SL	TROY PRODUCTS 2020+ Interceptor Utility stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$815.00
TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00

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TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

FREE STANDING GUN MOUNT

TP PIU-GM-FREE	TROY PRODUCTS free-standing dual-weapon gun mount for the PI Utility, required for applications where a front partition is not present.	$1,005.00

PIU SETINA CONSOLE & CAGES

PARTITIONS

SET PIU-R-PART-8VS	Setina 8VS RESESSED panel prisoner cage with 1/2 uncoated polycarbonate, 1/2 winyl coated expanded metal and lower extension panels.	$1,640.00
SET PIU-R-PART-10VS	Setina 10VS C RESESSED panel prisoner cage with uncoated polycarbonate, vinyl coated expanded metal window security screen, and lower extension panels.	$1,835.00

SEATS & CAGES

SET PIU-1/2CAGE	Setina 6VS single prisoner transport cage, coated polycarbonate installs utilizing STOCK SEAT.	$2,245.00
SET PIU-SEAT-WIRE	Setina full replacement transport seat TPO plastic with center pull belts and wire mesh cargo barrier.	$2,645.00
SET PIU-12VS-POLY	Setina - 12-VS rear partition - POLY	$1,125.00
SET PIU-12VS-WIRE	Setina - 12-VS rear partition - WIRE	$1,110.00
SET PIU-DOOR	Setina TPO door panel.	$600.00
SET PIU-SWB	Setina VERTICAL window armor bars.	$595.00

FREE STANDING GUN MOUNT

SET PIU-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$550.00

PIU HAVIS CONSOLE & COMPUTER MOUNTS

HAV PIU-CON14	Havis 14"L x 6.5H vehicle specific console includes (3) 12V outlets, (2) cup holders, side mount arm rest, and necessary blanks.	$860.00
HAV PIU-CON22	Havis 22"L sloped vehicle specific console includes OEM USB and lighter plug relocation cutout, OEM parking brake relocation cutout, (2) additional 12V outlets, (2) cup holders, side mount arm rest, and necessary blanks.	$1,080.00
HAV PIU-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,020.00
HAV PIU-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$760.00

PIU PROGARD CONSOLE & CAGES

PARTITIONS

PG PIU-CARGO-POLY	Pro-Gard ¼" poly rear cargo barrier with filler panels.	$1,005.00
PG PIU-PART	Pro-Gard partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,615.00
PG PIU-R-PART	Pro-Gard RESESSED panel partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,770.00

SEATS & CAGES

PG PIU-1/2CAGE	Pro-gard single prisoner cage includes partition, seat, door panels, window bars, rear barrier, and lower extension panels.	$4,145.00
PG PIU-1/2CAGE-OSB	Pro-gard single prisoner cage includes partition, seat, door panels, window bars, rear barrier, lower extension panels, and officer safe belts.	$4,595.00
PG PIU-CARGO-WIRE	Pro-Gard ¼" 7 Ga. Steel wire rear cargo barrier with filler panels.	$1,005.00

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PG PIU-DISABLE	Pro-Gard 2020+ Police Interceptor Utility rear door / window disable kit (block off plates).	$150.00
PG PIU-FLOOR-PAN	Pro-Gard charcoal grey ABS floor.	$580.00
PG PIU-SEAT-POLY	Pro-gard standard prisoner transport seat with ¼" poly. window cargo barrier & seat.	$2,265.00
PG PIU-SEAT-WIRE	Pro-gard standard prisoner transport seat with 7 Ga. Steel screen window cargo barrier & seat.	$2,265.00
PG PIU-SWB	Pro-Gard -steel window Bars, for use with O.E.M. door panels only.	$540.00

PIU VAULT/GUN BOX

AMERICAN ALUMINUM

AA SUVAULT-1	American Aluminum single drawer weapon storage vault with secure lock T-handle locking system, powder coated black with mesh basket on top.	$2,135.00
AA SUVAULT-2	American Aluminum TWO drawer weapon storage vault with secure lock T-handle locking system, powder coated black with mesh basket on top.	$3,810.00
AA SIMPLEX	Upgrade vault to include Simplex lock (per drawer).	$450.00
AA UP VAULT	American Aluminum UP vault leg kit, installed.	$385.00

TROY PRODUCTS

TP PIU-VAULT-ELEV	TROY PRODUCTS elevated storage vault, 48"Wx24"Lx8H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor. Elevated design allows access to spare tire.	$1,965.00
TP PIU-VAULT-ELEV-ELEC	TROY PRODUCTS INTERCEPTOR UTILITY storage vault, 40"Wx32"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor, with slide out electronics tray with guard fence.	$2,410.00
TP PIU-VAULT-TILT	TROY PRODUCTS INTERCEPTOR UTILITY storage vault, 40"Wx32"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor & tilt-up cargo mount that allows access to spare tire.	$2,705.00
TP PIU-VAULT-TILT-ELEC	TROY PRODUCTS INTERCEPTOR UTILITY storage vault, 40"Wx32"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor, tilt-up cargo mount that allows access to spare tire, & tilt-down electronics tray.	$2,955.00
TP PIU-RDECK	TROY PRODUCTS PI Utility horizontal cargo deck with adjustable divider, bolts to PI Utility rear cages.	$755.00
TP PIU-COMMAND	TROY PRODUCTS INTERCEPTOR UTILITY command post with tilt-up white board and storage drawers.	$6,135.00
TP PIU-CARGODECK-SS	TROY PRODUCTS INTERCEPTOR UTILITY rear cargo deck storage system with easy-deploy Stop-Stick compartment, slide-out electronics tray, storage tray and side cubbies.	$2,120.00
TP PIU-CARGODECK-SS-V	TROY PRODUCTS INTERCEPTOR UTILITY rear cargo deck storage system with Stop-Stick compartment, slide-out electronics tray, storage tray, side cubbies and storage vault 40"Wx22"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor.	$3,640.00
TP PIU-CARGODECK-CMPT	TROY PRODUCTS INTERCEPTOR UTILITY rear cargo deck storage system with lidded tilt-up compartment, slide-out electronics tray, storage tray, side cubbies.	$2,345.00
TP PIU-CARGODECK-CMPT-V	TROY PRODUCTS INTERCEPTOR UTILITY rear cargo deck storage system with lidded tilt-up compartment, slide-out electronics tray, storage tray, side cubbies and storage vault 40"Wx22"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor.	$3,865.00
TP PIU-VAULT-SL-ELE	TROY PRODUCTS INTERCEPTOR UTILITY storage vault, 40"Wx32"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor, with slide out electronics tray with guard fence.	$2,315.00
TP PIU-DRONE	TROY PRODUCTS INTERCEPTOR UTILITY Drone command post, 40"W x 30"L x 23"H; one TV drawer on top, one storage drawer with 1" foam, drawer latch handles and cypher lock; bottom whiteboard pop-up drawer. (Works work with a Samsung 32" model #QN32Q50R TV. Not included.)	$7,305.00

SETINA

SET PIU-VAULT1	Setina single drawer vault with ley lock & top basket, powder coated black.	$2,295.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

SET PIU-VAULT2	Setina two drawer vault with combo lock on top drawer & no lock on bottom drawer, powder coated black.	$2,535.00
SET PIU-VAULT-FREE	Setina free standing kit, required with vault when not installing with Setina cargo barrier.	$410.00

PIU K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00
AA SUVAULT-K9-COMBO	American Aluminum 2 drawer + K9 for full size SUV includes (2) drawers and 30"W x 28" D x 29"H kennel. Unit powder coated black.	$6,390.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

HAVIS MOUNTS

HAV PIU-K9	Havis K9 Transport system powder coated white.	$5,640.00

ACE K9

AK9 HA-2520	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$3,500.00
AK9 HA-2520-HYB	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box (ENGINE STALL SENSOR NOT INCLUDED - not compatible with Hybrid vehicle).	$3,310.00
AK9 HP-5020	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$4,340.00
AK9 HP-5020-HYB	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box (ENGINE STALL SENSOR NOT INCLUDED - not compatible with Hybrid vehicle).	$4,155.00
AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00
AK9 HA-2520-AWD-HYB	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html (ENGINE STALL SENSOR NOT INCLUDED - not compatible with Hybrid vehicle).	$3,890.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00
AK9 HP-5020-AWD-HYB	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html (ENGINE STALL SENSOR NOT INCLUDED - not compatible with Hybrid vehicle).	$4,715.00

TAHOE BALLISTICS

KERR IND

AA TAH-3A-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2021+ TAHOE) INCLUDES FREIGHT AND INSTALLATION.	$1,175.00
AA TAH-3A-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2021+ TAHOE) INCLUDES FREIGHT AND INSTALLATION.	$1,115.00
KERR TAH-3PLUS-D	KERR NIJ Level 3+ ballistic door panels for front driver sider only. Kerr Industries offers a full 3-year/36,000 mile warranty on all parts supplied and installed.	$2,750.00
KERR TAH-3PLUS-P	KERR NIJ Level 3+ ballistic door panels for front passenger sider only. Kerr Industries offers a full 3-year/36,000 mile warranty on all parts supplied and installed.	$2,750.00

ANGEL ARMOR

AA TAH-3PLUS-D	ANGEL ARMOR LEVEL III+ FRONT DRIVER DOOR FOR (2021+ TAHOE) INCLUDES FREIGHT AND INSTALLATION.	$1,990.00
AA TAH-3PLUS-P	ANGEL ARMOR LEVEL III+ FRONT PASSENGER DOOR FOR (2021+ TAHOE) INCLUDES FREIGHT AND INSTALLATION.	$1,990.00

TAHOE PUSH BUMPERS

WESTIN

WEST TAH-PB	Westin Elite XD push bumper for Tahoe/Suburban 2021+.	$1,125.00
WEST TAH-PB2L	Westin Elite XD push bumper for Tahoe/Suburban 2021+ with two light channel (Lights purchased separately).	$1,185.00
WEST TAH-PB2L-PIT	Westin Elite XD push bumper for Tahoe/Suburban 2021+ with two light channel including pit bars (No headlight wraps - lights purchased separately).	$2,010.00
WEST TAH-PB2L-PIT-W	Westin Elite XD push bumper for Tahoe/Suburban 2021+ with two light channel including pit bars with headlight wraps (Lights purchased separately).	$2,405.00
PB UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$660.00

TROY PRODUCTS

TP PB-TAH	TROY PRODUCTS Push-bumper uprights with solid top channel cover.	$1,195.00
TP PB-TAH-LB2	TROY PRODUCTS Push-bumper uprights with two (2) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-TAH-LB4	TROY PRODUCTS Push-bumper uprights with four (4) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-LGH-BKT	TROY PRODUCTS Push-bumper upright 45 degree light brackets to give side mounted lights more angel. (SOLD PER ONE EACH)	$485.00
TP PB-UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$670.00

ALAN JAY FLEET SALES

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PROGARD

PG TAH-PB	Pro-Gard HD Tahoe push bumper.	$930.00

SETINA

SET TAH-PB400	Setina PB400 push bumper, Tahoe.	$1,060.00
SET TAH-PB450L2	Setina lighted push bumper with (2) forward facing ION LED lights, installed.	$1,740.00
SET TAH-PB450L4	Setina lighted push bumper with (2) forward facing LED lights & (2) side facing LED lights, installed.	$2,060.00

FEDERAL SIGNAL

FS TAH-PB	Federal Signal DFC Push Bumper series with speaker mount screens, no wraps, pit bars, or light channel.	$1,180.00
FS TAH-PB2L	Federal Signal DFC Push Bumper series with speaker mount screens and two light channel (lights sold separately).	$1,180.00
FS TAH-PB4L	Federal Signal DFC Push Bumper series with speaker mount screens and four light channel (lights sold separately).	$1,180.00
FS TAH-PB2L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and two light channel (lights sold separately).	$2,205.00
FS TAH-PB4L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and four light channel (lights sold separately).	$2,205.00
FS TAH-PB2L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and two light channel (lights sold separately).	$2,725.00
FS TAH-PB4L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and four light channel (lights sold separately).	$2,725.00

TAHOE WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00

ALAN JAY FLEET SALES

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W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$895.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00

LAW ENFORCEMENT SIDE

W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00

ALAN JAY FLEET SALES

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Sourcewell Formerly NJPA

Awarded Contract

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00
W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00
W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W OUTTER-TAH	Whelen Tahoe rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,260.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W OUTTER-TAH-DUO	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,550.00
W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W PILLAR-TAH	Whelen Tahoe rear pillar LED lighting includes (3) light heads per side.	$1,615.00
W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00
W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W PILLAR-TAH-DUO	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side.	$1,730.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W OUTTER-TAH-RB	Whelen Tahoe rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/BLUE).	$1,260.00
W OUTTER-TAH-DUO-RB	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/BLUE).	$1,550.00
W OUTTER-TAH-DUO-RBA	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/AMBER & BLUE/AMBER).	$1,550.00
W OUTTER-TAH-BW	Whelen Tahoe rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/WHITE).	$1,260.00
W OUTTER-TAH-DUO-BW	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/WHITE).	$1,550.00
W OUTTER-TAH-DUO-BWA	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/AMBER & WHITE/AMBER).	$1,550.00
W PILLAR-TAH-RB	Whelen Tahoe rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,260.00
W PILLAR-TAH-DUO-RB	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,730.00
W PILLAR-TAH-DUO-RBA	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & BLUE/AMBER).	$1,730.00
W PILLAR-TAH-BW	Whelen Tahoe OUTER EDGE rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,615.00
W PILLAR-TAH-DUO-BW	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,730.00
W PILLAR-TAH-DUO-BWA	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE & WHITE/AMBER).	$1,730.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00

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W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W INNER-RST-DUO-TAH-RBA	Whelen DUO interior sedan/suv rear inner edge with mounting tray (RED/BLUE/AMBER).	$1,255.00

FIRE / EMS REAR

W TLI2-2HATCH-RA	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$435.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W OUTTER-TAH-RW	Whelen Tahoe rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,260.00
W OUTTER-TAH-DUO-RW	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/WHITE).	$1,550.00
W OUTTER-TAH-DUO-RWA	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/AMBER & WHITE/AMBER).	$1,550.00
W PILLAR-TAH-RW	Whelen Tahoe rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,615.00
W PILLAR-TAH-DUO-RW	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,730.00
W PILLAR-TAH-DUO-RWA	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE & AMBER/WHITE)	$1,730.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00

ARGES / HOWLER

W ARGES1-TAH-1	Whelen Arges dedicated spot lamp with control head with TAHOE Utility specific Arges mount.	$1,305.00
W ARGES1-TAH-2	Dual Whelen Arges dedicated spot lamps with control head and TAHOE Utility specific driver and passenger Arges mounts.	$2,320.00
W HOWLER-TAH	Whelen low frequency supplemental siren, with TAHOE Utility mounting bracket.	$845.00

MIRROR

W MBEAM-TAH-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (one RED/one BLUE).	$670.00
W MBEAM-TAH-B	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (BLUE).	$670.00
W MBEAM-TAH-R	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (RED).	$670.00
W UMIRROR-TAH-RB	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES RED/BLUE).	$885.00
W MBEAM-TAH-DUO-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (RED/BLUE).	$725.00
W MBEAM-TAH-DUO-RBC	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (RED/WHITE DRIVERS & BLUE/WHITE PASSENGERS).	$725.00
W UMIRROR-TAH-BW	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES BLUE/WHITE).	$885.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W MBEAM-TAH-DUO-BW	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (BLUE/WHITE).	$670.00
W UMIRROR-TAH-RW	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES RED/WHITE).	$885.00
W UMIRROR-TAH-RA	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES RED/AMBER).	$885.00
W MBEAM-TAH-DUO-RW	(2) Whelen mirror beam front of side view mirror mounted LED's with DUO ION series light heads (RED/WHITE).	$725.00

TRACERS

W TRACER60-DUO-TAH-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$1,865.00
W TRACER60-DUO-TAH-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (BLUE/WHITE).	$1,805.00
W TRACER60-DUO-TAH-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (RED/WHITE).	$1,805.00
W TRACER60-DUO-TAH-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (RED/AMBER with override to WHITE).	$1,805.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-TAH-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00
W EDGE2-ROT-TAH-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-TAH-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-TAH-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-TAH-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-TAH-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-TAH-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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W LEGACY-CROT-DT-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CHH-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

LAW ENFORCEMENT UNMARKED PACKAGES

W SLICK1-HH-TAH-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (RED/BLUE).	$3,530.00
W SLICK1-ROT-TAH-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,235.00
W SLICK1-21B-TAH-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,300.00
W SLICK1-HH-TAH-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (BLUE).	$3,440.00
W SLICK1-ROT-TAH-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,235.00
W SLICK1-21B-TAH-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,300.00
W SLICK2-CHH-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-CHH-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-OUT-ROT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-21B-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-DUAL-ROT-TAH-RBWA	Whelen FST Front DUO, Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,455.00
W SLICK2-DUAL-21B-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,455.00
W SLICK2-ROT-DT-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-ROT-DT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-21B-DT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DT-TAH-RBWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$7,370.00
W SLICK2-DUAL-21B-DT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$7,370.00
W SLICK2-ROT-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-ROT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER)	$4,840.00
W SLICK2-OUT-21B-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-DUAL-ROT-TAH-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,455.00
W SLICK2-DUAL-21B-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$6,455.00
W SLICK2-21B-DT-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-ROT-DT-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-ROT-DT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-21B-DT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DT-TAH-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,370.00
W SLICK2-DUAL-21B-DT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,370.00

FIRE / EMS LIGHT BAR PACKAGES

W LEGACY-CHH-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-TAH-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00

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W LEGACY-C21B-DT-TAH-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-TAH-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00
W LIBERTY-OPTI-C21B-DT-TAH-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

FIRE / EMS UNMARKED PACKAGES

W SLICK1-HH-TAH-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (RED).	$3,530.00
W SLICK1-ROT-TAH-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,235.00
W SLICK1-21B-TAH-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,300.00
W SLICK2-CHH-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,365.00
W SLICK2-ROT-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-ROT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-OUT-21B-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-DUAL-ROT-TAH-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,455.00
W SLICK2-DUAL-21B-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,455.00
W SLICK2-DUAL-21B-DT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$6,715.00
W SLICK2-DUAL-ROT-DT-TAH-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,370.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-OUT-21B-DT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-OUT-ROT-DT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-ROT-DT-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, S Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00

TAHOE FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00
FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00
FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00
FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00
FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00

LAW ENFORCEMENT SIDE

FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00

FIRE / EMS SIDE

FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00
FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00
FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00
FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00

LAW ENFORCEMENT REAR

FS MP2-2GATE-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$405.00
FS MP2-2GATE-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2HATCH-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$405.00
FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2TAG-BW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (BLUE/WHITE).	$440.00
FS MP2-2TAG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$440.00
FS MP2-4GATE-BW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$815.00
FS MP2-4GATE-RB	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (RED/BLUE).	$815.00
FS SML8-B	Federal Signal Latitude Signal Mater traffic advisor with (BLUE)LEDs.	$645.00
FS SML8-RB	Federal Signal Latitude Signal Mater traffic advisor with 1/2 (RED) and 1/2 (BLUE)LEDs.	$645.00
FS TAH-DPIL-RBW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$2,000.00
FS TAH-SPOIL-RBW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$1,245.00

FIRE / EMS REAR

FS MP2-2GATE-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$405.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS MP2-2HATCH-RA	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$405.00
FS MP2-2LIC-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2TAG-RAW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$440.00
FS MP2-4GATE-RAW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$815.00
FS SML8-R	Federal Signal Latitude Signal Mater traffic advisor with (RED)LEDs.	$645.00
FS SML8-RW	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/WHITE)LEDs.	$645.00
FS SML8-RA	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/AMBER)LEDs.	$645.00
FS TAH-DPIL-RAW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$2,000.00
FS TAH-SPOIL-RAW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$1,245.00
	RUMBLER	
FS TAH-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$815.00
	MIRROR	
FS TAH-MIR-MPS-2-RBW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/BLUE/WHITE).	$800.00
FS TAH-MIR-MPS-2-RAW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/AMBER/WHITE).	$800.00
	RUNNING BOARD LIGHT	
FS DR6-TAH-RBW	Federal Signal 72" Running board light with tri-colored lens (RED/BLUE/WHITE).	$2,990.00
FS DR6-TAH-BAW	Federal Signal 72" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$2,990.00
FS DR6-TAH-RAW	Federal Signal 72" Running board light with tri-colored lens (RED/AMBER/WHITE).	$2,990.00
FS DR6-SMOKE-TAH-RBW	Federal Signal 72" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE)	$2,990.00
	LAW ENFORCEMENT LIGHT BAR PACKAGES	
FS ALGT53-PHHS-TAH-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-TAH-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-P21-TAH-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-TAH-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00

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FS ALGT53-P17BRK-TAH-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-DT-TAH-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-TAH-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-TAH-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-PF400-DT-LF-TAH-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS ALGT53-PF400-DT-LF-TAH-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS VALOR51-P21-TAH-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P21-TAH-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-TAH-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-TAH-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00

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FS VALOR51-P21-DT-TAH-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-TAH-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-TAH-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-DT-TAH-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-TAH-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00
FS VALOR51-PF400-DT-LF-TAH-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00

FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-P17BRK-DT-TAH-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P21-DT-TAH-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P21-TAH-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-PF400-DT-LF-TAH-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00

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FS ALGT53-PF400Q-DT-LF-TAH-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,575.00
FS ALGT53-PHHS-TAH-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS VALOR51-P17BRK-DT-TAH-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-TAH-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-TAH-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-TAH-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER 191 light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-PF400-DT-LF-TAH-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00
FS VALOR51-PF400Q-DT-LF-TAH-RWGA	Federal Signal 51" Valor LED Lightbar, TRI Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,540.00

LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-TAH-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$3,895.00
FS SLICK3-PHHS-TAH-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$3,895.00
FS SLICK3-P21-TAH-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00

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FS SLICK3-P21-TAH-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-TAH-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P17BRK-TAH-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-TAH-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P21-DT-TAH-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-TAH-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-P17BRK-DT-TAH-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-OUT-P21-DT-TAH-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P21-DT-TAH-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-TAH-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-OUT-P17BRK-DT-TAH-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-TAH-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS SLICK3-DUAL-P21-DT-TAH-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P17BRK-DT-TAH-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00
FS SLICK3-DUAL-P17BRK-DT-TAH-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-PHHS-TAH-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$3,895.00
FS SLICK3-P21-TAH-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-TAH-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/191-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-TAH-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-TAH-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-OUT-P21-DT-TAH-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-TAH-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-TAH-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P17BRK-DT-TAH-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 191-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00

ALAN JAY FLEET SALES

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

TAHOE TROY CONSOLE & CAGES

CONSOLES

TP TAH-CON18	TROY PRODUCTS 18" standard width (not wide body) L-shaped vehicle specific sloped console with 9" slope / 9" level. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, two (2) dual-port USB modules, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,045.00
TP TAH-WBCON18	TROY PRODUCTS 18" vehicle specific wide-body console with 8" slope /8" level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, two (2) dual-port USB modules, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,160.00
TP TAH-WBCON18-FB	TROY PRODUCTS 18" vehicle specific wide-body console with 9" slope /9" level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, two (2) dual-port USB modules, and locking lidded file box with large leather pad that bolts to rear of wide-body console.	$1,355.00
TP TAH-WBCON18-PRT	TROY PRODUCTS 18" vehicle specific printer mount wide-body console with 9" slope /9" level w/printer module in open storage area on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, two (2) dual-port USB modules, eight adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,435.00
TP TAH-WBCON18-LOCK	TROY PRODUCTS 18" wide-body console with 9" slope / 9" level and LOCKABLE storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (1) DC outlet & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console. No floorplate needed.	$1,370.00
TP TAH-CON-OH	TROY PRODUCTS overhead 7" console to replace OEM dome light module for remote head controller only.	$430.00
TP TAH-CON21	TROY PRODUCTS 21" L-shaped sloped console with 9" slope / 12' level. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (1) DC outlet & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console. No floorplate needed.	$1,075.00
TP TAH-WBCON21	TROY PRODUCTS 21" wide-body console with 9" slope / 12" level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (1) DC outlet & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console. No floorplate needed.	$1,240.00
TP TAH-WBCON25	TROY PRODUCTS 25" wide-body console with 9" slope / 16" level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (1) DC outlet & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console. No floorplate needed.	$1,285.00

PARTITIONS

TP TAH-PART-FIX	TROY PRODUCTS fixed window all polycarbonate partition with pre-punched holes and weapon recess panel. Includes mounting kit & partition kick panels with big foot pockets for Tahoe / Suburban models.	$1,580.00
TP TAH-PART-SLIDE	TROY PRODUCTS large window partition with sliding window, crawl-through barrier and weapon recess panel. Includes mounting kit & partition kick panels with big foot pockets for Tahoe / Suburban models.	$1,550.00
TP TAH-CARGO-POLY	TROY PRODUCTS rear partition with polycarbonate window. Includes cargo side window panels.	$1,155.00
TP TAH-CARGO-WIRE	TROY PRODUCTS rear partition with square-hole pattern. Includes cargo side window panels.	$1,000.00
TP TAH-CARGO-WIRE-FIRE	TROY PRODUCTS rear partition with square-hole pattern. Includes fire cubby on DS.	$2,100.00

SEATS & CAGES

TP TAH-1/2CAGE	TROY PRODUCTS Tahoe single-cell with poly front window, kick panel w/ foot pocket, poly divider with removable panel, plastic seat with OS seatbelts, PS door panel, rear partition square-hole pattern with side panels.	$3,120.00
TP TAH-SEAT-WIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with square-hole pattern and cargo window side panels.	$2,460.00
TP TAH-SEAT-WIRE-FIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with wire main window and cargo window side panels to include Fire Extinguisher cubby.	$2,425.00
TP TAH-SEAT-WIRE-FIRE-AED	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with wire main window and cargo window side panels to include DS Fire Extinguisher cubby and PS AED cubby.	$2,845.00

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TP TAH-SEAT-POLY	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear poly partition with square-hole pattern cargo window side panels. Includes air bag corridor gap panels.	$2,590.00
TP TAH-SEAT-POLY-FIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear poly partition with fire cubby on DS.	$2,630.00
TP TAH-SEAT-POLY-FIRE-AED	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear poly partition with fire cubby on PS and AED cubby on DS.	$2,905.00
TP TAH-SWB-VERT	TROY PRODUCTS driver & passenger side vertical, welded-bar window guards.	$480.00
TP TAH-SWB-DIA	TROY PRODUCTS driver & passenger side diamond-punched window guards.	$460.00
TP TAH-WB-POLY	TROY PRODUCTS driver & passenger side polycarbonate window guards.	$500.00
TP TAH-DP	TROY PRODUCTS driver and passenger side door panel set, 2021 Tahoe.	$475.00
TP TAH-DP-COVER	TROY PRODUCTS driver and passenger side PLASTIC door covers, 2021 Tahoe.	$455.00
TP TAH-HATCH	TROY PRODUCTS rear cargo door square-hole window guard.	$315.00
TP TAH-CGP	TROY PRODUCTS Chevy Tahoe rear partition airbag corridor gap panels, driver and passenger sides.	$270.00

COMPUTER STANDS

TP TAH-COMP-SL	TROY PRODUCTS passenger seat mount computer stand with slide arm for docking station, 2021 Tahoe (CRADLE SOLD SEPARATELY).	$925.00
TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

FREE STANDING GUN MOUNT

TP TAH-GM-FREE	TROY PRODUCTS free-standing dual-weapon gun mount for the Tahoe PPV, required for applications where a front partition is not present.	$1,005.00

TAHOE SETINA CONSOLE & CAGES

PARTITIONS

SET TAH-12VS-POLY	Setina 12-VS rear partition - POLY	$1,130.00
SET TAH-12VS-WIRE	Setina 12-VS rear partition - WIRE	$1,110.00
SET TAH-R-PART-10VS	Setina 10VS C RESESSED panel prisoner cage with uncoated polycarbonate, vinyl coated expanded metal window security screen, and lower extension panels.	$1,835.00
SET TAH-R-PART-8VS	Setina 8VS RESESSED panel prisoner cage with 1/2 uncoated polycarbonate, 1/2 winyl coated expanded metal and lower extension panels.	$1,640.00

SEATS & CAGES

SET TAH-1/2CAGE	Setina 6VS single prisoner transport cage, coated polycarbonate installs utilizing STOCK SEAT.	$2,180.00
SET TAH-DOOR	Setina TPO door panel.	$610.00
SET TAH-DOOR-AL	Setina replacement door panel VS-Aluminum.	$475.00
SET TAH-SEAT	Setina full replacement transport seat TPO plastic with center pull belts (rear cargo screen NOT included)	$1,870.00
SET TAH-SWB	Setina VERTICAL window armor bars.	$625.00
SET TAH-SEAT-wDEL	Setina full replacement transport seat TPO plastic with center pull belts (rear cargo screen NOT included) for vehicles ordered with factory rear seat delete.	$2,120.00

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FREE STANDING GUN MOUNT

SET TAH-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$535.00

TAHOE PROGARD CONSOLE & CAGES

PARTITIONS

PG TAH-R-PART	Pro-Gard space saver plus RESESSED panel prisoner transport partition with lower extension panels	$1,770.00
PG TAH-CARGO-POLY	Pro-Gard ¼" poly rear cargo barrier with filler panels.	$975.00
PG TAH-CARGO-WIRE	Pro-Gard steel wire cargo barrier with filler panels.	$975.00

SEATS & CAGES

PG TAH-SEAT-OSB-POLY	Pro-Gard standard transport seat with ¼" Polycarbonate window cargo barrier including officer safe seat belts.	$2,990.00
PG TAH-SEAT-POLY	Pro-Gard standard transport seat with ¼" Polycarbonate window cargo barrier.	$2,315.00
PG TAH-SWB-OEM	Pro-Gard steel window bars for use with O.E.M. door panels only.	$540.00
PG TAH-DOOR-ABS	Pro-Gard ABS door panels.	$390.00
PG TAH-1/2CAGE	Pro-Gard single compartment prisoner cage, Pro-Cel ½ Partition for passenger side.	$4,125.00
PG TAH-1/2CAGE-OSB	Pro-Gard single compartment prisoner cage, Pro-Cel ½ Partition for passenger side with officer safe seat belt.	$4,580.00

TAHOE HAVIS CONSOLE & COMPUTER MOUNTS

HAV TAH-CON20	Havis vehicle specific 22"L x 12.5"H Angled console includes wing kit, track mount, side mount arm rest, (3) DC power outltes, (2) cup holders, and necessary blanks.	$1,295.00
HAV TAH-CON23	Havis vehicle specific 22"L x 12.5"H Angled console includes wing kit, track mount, side mount arm rest, (3) DC power outlets, (2) cup holders, and necessary blanks.	$1,185.00
HAV TAH-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$890.00
HAV TAH-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,150.00

TAHOE VAULT/GUN BOX

AMERICAN ALUMINUM

AA SUVAULT-1	American Aluminum single drawer weapon storage vault with secure lock T-handle locking system, powder coated black with mesh basket on top.	$2,135.00
AA SUVAULT-2	American Aluminum TWO drawer weapon storage vault with secure lock T-handle locking system, powder coated black with mesh basket on top.	$3,810.00
AA UP VAULT	American Aluminum UP vault leg kit, installed.	$385.00
AA SIMPLEX	Upgrade vault to include Simplex lock (per drawer).	$450.00

TROY PRODUCTS

TP TAH-UPVAULT-ELE	TROY PRODUCTS Tahoe elevated storage vault, 44"W x 24"L x 8"H with 2 draw-tight locking handles, foam in drawer, includes slide-out electronics tray.	$2,370.00
TP TAH-VAULT-TILT-ELE	TROY PRODUCTS TAHOE storage vault, 44"Wx32"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor with tilt-up cargo mount including electronics tray.	$2,895.00
TP TAH-FLOOR-ELEC	TROY PRODUCTS tilt-up cargo area replacement floor with electronics tray.	$1,105.00
TP TAH-ELEC-BOX	TROY PRODUCTS 30.5" electronics box with hinged lid, mounted to back of partition for use with NO vault.	$530.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

TP TAH-RDECK	TROY PRODUCTS Tahoe horizontal cargo deck with adjustable divider, bolts to Tahoe rear cages.	$805.00
TP TAH-CARGODECK-SS	TROY PRODUCTS Tahoe rear cargo deck storage system with easy-deploy Stop-Stick compartment, slide-out storage drawer, slide-out electronics tray, storage tray and side cubbies.	$2,975.00
TP TAH-CARGODECK-STR	TROY PRODUCTS Tahoe rear cargo deck storage system with hinged lid compartment, slide-out storage drawer w/push-button lock, slide-out electronics tray, storage tray and side cubbies.	$3,965.00
TP TAH-COMMAND	TROY PRODUCTS TAHOE command post 44"Wx22"Lx17"H, includes storage drawers, full size map drawer & radio mounting area with cargo mounting platform.	$7,095.00
TP TAH-DRONE	TROY PRODUCTS TAHOE Drone command post, 40"W x 30"L x 23"H; one TV drawer on top, one storage drawer with 1" foam, drawer latch handles and cypher lock; bottom whiteboard pop-up drawer. (Works work with a Samsung 32" model #QN32Q50R TV. Not included.)	$7,425.00

SETINA

SET TAH-VAULT1	Setina single drawer vault with ley lock & top basket, powder coated black.	$2,380.00
SET TAH-VAULT2	Setina two drawer vault with combo lock on top drawer & no lock on bottom drawer, powder coated black.	$2,625.00
SET TAH-VAULT-FREE	Setina free standing kit, required with vault when not installing with Setina cargo barrier.	$440.00

TAHOE K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00
AA SUVAULT-K9-COMBO	American Aluminum 2 drawer + K9 for full size SUV includes (2) drawers and 30"W x 28" D x 29"H kennel. Unit powder coated black.	$6,390.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

HAVIS MOUNTS

HAV TAH-K9	Havis K9 Transport system powder coated white.	$5,550.00

ACE K9

AK9 HA-2520	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$3,500.00
AK9 HP-5020	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$4,340.00

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AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00
AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00

DURANGO BALLISTICS

ANGEL ARMOR

AA DUR-3A-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2011+DURANGO) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00
AA DUR-3A-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2011+DURANGO) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00

DURANGO PUSH BUMPERS

WESTIN

WEST DUR-PB	Westin Elite push bumper for Durango Pursuit.	$710.00
WEST DUR-PB2L	Westin Elite push bumper for Durango Pursuit with two light channel (lights purchased separately).	$770.00
WEST DUR-PB2L-PIT	Westin Elite push bumper for Durango Pursuit with two light channel including pit bars (No headlight wraps - lights purchased separately).	$1,600.00
WEST DUR-PB2L-PIT-W	Westin Elite push bumper for Durango Pursuit with two light channel including pit bars with headlight wraps (lights purchased separately).	$2,070.00

TROY PRODUCTS

TP PB-DUR	TROY PRODUCTS Push-bumper uprights with solid top channel cover.	$1,155.00
TP PB-DUR-LB2	TROY PRODUCTS Push-bumper uprights with two (2) light channel brackets and wire covers. Specify make & model of lights.	$1,180.00
TP PB-DUR-LB4	TROY PRODUCTS Push-bumper uprights with four (4) light channel brackets and wire covers. Specify make & model of lights.	$1,180.00
TP PB-LGH-BKT	TROY PRODUCTS Push-bumper upright 45 degree light brackets to give side mounted lights more angel. (SOLD PER ONE EACH)	$485.00
TP PB-UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$670.00
PB UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$660.00

PROGARD

PG DUR-PB	Pro-Gard push bumper.	$930.00

SETINA

SET DUR-PB450L2	Setina lighted push bumper with (2) forward facing ION LED lights, installed.	$1,740.00
SET DUR-PB450L4	Setina lighted push bumper with (2) forward facing LED lights & (2) side facing LED lights, installed.	$2,060.00

FEDERAL SIGNAL

FS DUR-PB	Federal Signal DFC Push Bumper series with speaker mount screens, no wraps, pit bars, or light channel.	$1,180.00
FS DUR-PB2L	Federal Signal DFC Push Bumper series with speaker mount screens and two light channel (lights sold separately).	$1,180.00
FS DUR-PB4L	Federal Signal DFC Push Bumper series with speaker mount screens and four light channel (lights sold separately).	$1,180.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS DUR-PB2L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and two light channel (lights sold separately).	$2,205.00
FS DUR-PB4L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and four light channel (lights sold separately).	$2,205.00
FS DUR-PB2L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and two light channel (lights sold separately).	$2,725.00
FS DUR-PB4L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and four light channel (lights sold separately).	$2,725.00

DURANGO WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00

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W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00
W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00

LAW ENFORCEMENT SIDE

W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00
W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00
W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00

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W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00
W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00
W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W PILLAR-DUR-RB	Whelen Durango rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,390.00
W PILLAR-DUR-DUO-RB	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,560.00

ALAN JAY FLEET SALES

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Sourcewell Formerly NJPA

Awarded Contract

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W PILLAR-DUR-DUO-RBA	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & BLUE/AMBER).	$1,560.00
W PILLAR-DUR-BW	Whelen Durango rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,390.00
W PILLAR-DUR-DUO-BW	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,560.00
W PILLAR-DUR-DUO-BWA	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE & WHITE/AMBER).	$1,560.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W INNER-RST-DUO-DUR-RBA	Whelen DUO interior sedan/suv rear inner edge with mounting tray (RED/BLUE/AMBER).	$1,255.00

FIRE / EMS REAR

W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W TLI2-2HATCH-RA	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$435.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W PILLAR-DUR-RW	Whelen Durango rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,390.00
W PILLAR-DUR-DUO-RW	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,560.00
W PILLAR-DUR-DUO-RWA	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE & AMBER/WHITE)	$1,560.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00

ARGES / HOWLER

W ARGES1-DUR-1	Whelen Arges dedicated spot lamp with control head with DURANGO Utility specific Arges mount.	$1,305.00
W ARGES1-DUR-2	Dual Whelen Arges dedicated spot lamps with control head and DURANGO Utility specific driver and passenger Arges mounts.	$2,320.00
W HOWLER-DUR	Whelen low frequency supplemental siren, with DURANGO Utility mounting bracket.	$780.00

MIRROR

W MBEAM-DUR-R	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (BOTH SIDES RED).	$670.00
W MBEAM-DUR-B	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (BOTH SIDES BLUE).	$670.00
W MBEAM-DUR-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (DRIVERS SIDE RED, PASSENGER SIDE BLUE).	$670.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W MBEAM-DUR-DUO RB	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (DUO BOTH SIDES RED/BLUE).	$725.00
W MBEAM-DUR-DUO RBW	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (DUO DRIVERS RED/WHITE, PASSENGERS BLUE/WHITE).	$725.00
W MBEAM-DUR-DUO BW	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (DUO BOTH SIDES BLUE/WHITE).	$725.00
W MBEAM-DUR-DUO RW	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (DUO BOTH SIDES RED/WHITE).	$725.00
W UMIRROR-DUR-DUO RB	(2) Whelen U-Series, 180 deg warning light with DURANGO under mirror mount brackets (DUO BOTH SIDES RED/BLUE).	$830.00
W UMIRROR-DUR-DUO RBW	(2) Whelen U-Series, 180 deg warning light with DURANGO under mirror mount brackets (DUO DRIVERS RED/WHITE, PASSENGERS BLUE/WHITE).	$605.00
W UMIRROR-DUR-DUO BW	(2) Whelen U-Series, 180 deg warning light with DURANGO under mirror mount brackets (DUO BOTH SIDES BLUE/WHITE).	$830.00
W UMIRROR-DUR-DUO RW	(2) Whelen U-Series, 180 deg warning light with DURANGO under mirror mount brackets (DUO BOTH SIDES RED/WHITE).	$830.00

TRACERS

W TRACER60-DUO-DUR-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$1,805.00
W TRACER60-DUO-DUR-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (BLUE/WHITE).	$1,805.00
W TRACER60-DUO-DUR-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (RED/WHITE).	$1,805.00
W TRACER60-DUO-DUR-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (RED/AMBER WITH OVERRIDE TO WHITE).	$1,805.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-DUR-RBWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200 light/siren controller, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00
W EDGE2-ROT-DUR-RBWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights,PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-DUR-RBWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-DUR-BWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights,PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-DUR-BWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER)	$4,745.00
W LEGACY-CHH-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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W LEGACY-C21B-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CHH-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE Hand Held controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

LAW ENFORCEMENT UNMARKED PACKAGES

W SLICK1-HH-DUR-RB	Whelen SOLO XLP Front and SOLO RST Rear Inner Edge, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (RED/BLUE).	$3,690.00
W SLICK1-ROT-DUR-RB	Whelen SOLO XLP Front and SOLO RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,205.00
W SLICK1-21B-DUR-RB	Whelen XLP Front and RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,270.00
W SLICK1-HH-DUR-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, handheld Controller, speaker, and bracket (BLUE).	$3,690.00
W SLICK1-ROT-DUR-B	Whelen XLP Front and RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,205.00
W SLICK1-21B-DUR-B	Whelen XLP Front and RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,270.00
W SLICK2-CHH-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-CHH-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-21B-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-DUAL-ROT-DUR-RBWA	Whelen FST Front DUO, Rear DUO Inner Edge with traffic advisor and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,290.00
W SLICK2-DUAL-21B-DUR-RBWA	Whelen FST Front DUO and Rear DUO Inner Edge with traffic advisor and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,290.00
W SLICK2-ROT-DT-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DT-DUR-RBWA	Whelen FST Front DUO, Rear DUO Inner Edge with TRAFFIC ADVISOR and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$7,205.00
W SLICK2-DUAL-21B-DT-DUR-RBWA	Whelen FST Front DUO and Rear DUO Inner Edge with traffic advisor and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR WITH OVERRIDE TO AMBER TOP, AND RED/BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$7,205.00
W SLICK2-ROT-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DT-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DUR-BWA	Whelen FST Front DUO and Rear DUO Inner Edge, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core,Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,290.00
W SLICK2-DUAL-21B-DUR-BWA	Whelen FST Front DUO and Rear DUO Inner Edge, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21-Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,290.00
W SLICK2-21B-DT-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21-Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DT-DUR-BWA	Whelen FST Front DUO and Rear DUO inner Edge and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,205.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-DUAL-21B-DT-DUR-BWA	Whelen FST Front DUO and Rear DUO inner Edge and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERRIDE TO AMBER TOP, AND BLUE SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,205.00

FIRE / EMS LIGHT BAR PACKAGES

W EDGE2-ROT-DUR-RWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, photo cell, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE RED AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-DUR-RWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, photo cell, takedown lights, alley lights, mounting kit, Core-S, 21-Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21-Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21-Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-DUR-RGWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LEGACY-C21B-DT-DUR-RGWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21-Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-DUR-RGWA	Whelen Liberty 48" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00
W LIBERTY-OPTI-C21B-DT-DUR-RGWA	Whelen Liberty 48" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

FIRE / EMS UNMARKED PACKAGES

W SLICK1-HH-DUR-R	Whelen XLP Front Solo with takedown lights and RST Rear Inner Edge with mounting hardware, HHS3206 siren, Rotary knob Controller, speaker, and bracket (RED).	$3,500.00
W SLICK1-ROT-DUR-R	Whelen XLP Front Solo with takedown lights and RST Rear Inner Edge with mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,205.00
W SLICK1-21B-DUR-R	Whelen XLP Front Solo with takedown lights and RST Rear Inner Edge with mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,270.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W SLICK2-CHH-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DT-DUR-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core-S Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-DUR-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-DUAL-ROT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,290.00
W SLICK2-DUAL-21B-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING AND AMBER FOR TURN SIGNALS).	$6,290.00
W SLICK2-DUAL-ROT-DT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillars with 6 DUO Ion series light heads, mounting hardware, Core, Rotary Knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,205.00
W SLICK2-DUAL-21B-DT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillars with 6 DUO Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE, RED REAR WITH OVERRIDE TO AMBER TOP, AND RED SIDES WITH OVERRIDE TO WHITE FOR REVERSE LIGHTING).	$7,205.00

DURANGO FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00
FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00
FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00
FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00

ALAN JAY FLEET SALES

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Sourcewell Formerly NJPA

Awarded Contract

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00
	LAW ENFORCEMENT SIDE	
FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00
FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00
	FIRE / EMS SIDE	
FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00
FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00
FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00
FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00
	LAW ENFORCEMENT REAR	
FS DUR-DPIL-RBW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$2,000.00
FS DUR-SPOIL-RBW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$1,245.00
	FIRE / EMS REAR	
FS DUR-DPIL-RAW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$2,000.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS DUR-SPOIL-RAW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$1,245.00

RUMBLER

FS DUR-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$815.00
FS DUR-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$775.00

MIRROR

FS DUR-MIR-MPS-2-RBW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/BLUE/WHITE).	$800.00
FS DUR-MIR-MPS-2-RAW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/AMBER/WHITE).	$800.00

RUNNING BOARD LIGHT

FS DR5-DUR-RBW	Federal Signal 60" Running board light with tri-colored lens (RED/BLUE/WHITE).	$3,185.00
FS DR5-DUR-BAW	Federal Signal 60" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$3,185.00
FS DR5-DUR-RAW	Federal Signal 60" Running board light with tri-colored lens (RED/AMBER/WHITE).	$3,185.00
FS DR5-SMOKE-DUR-RBW	Federal Signal 60" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE)	$3,185.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

FS ALGT53-PHHS-DUR-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-DUR-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-P21-DUR-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-DUR-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P17BRK-DUR-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,380.00
FS ALGT53-P21-DT-DUR-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-DUR-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00

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FS ALGT53-P17BRK-DT-DUR-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-DUR-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,640.00
FS ALGT53-PF400-DT-LF-DUR-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,340.00
FS VALOR51-P21-DUR-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,080.00
FS VALOR51-P21-DUR-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,080.00
FS VALOR51-P17BRK-DUR-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-DUR-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-DUR-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-DUR-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-DUR-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00

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FS VALOR51-PF400-DT-LF-DUR-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400-DT-LF-DUR-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,235.00

FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-P17BRK-DT-DUR-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P21-DT-DUR-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P21-DUR-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 Button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-PF400-DT-LF-DUR-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,340.00
FS ALGT53-PF400Q-DT-LF-DUR-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,770.00
FS ALGT53-PHHS-DUR-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS VALOR51-P17BRK-DT-DUR-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-DT-DUR-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00

ALAN JAY FLEET SALES

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FS VALOR51-P17BRK-DUR-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-DUR-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DUR-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,080.00
FS VALOR51-PF400-DT-LF-DUR-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400Q-DT-LF-DUR-RWGA	Federal Signal 51" Valor LED Lightbar, TRI Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,235.00

LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-DUR-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$3,895.00
FS SLICK3-PHHS-DUR-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE/AMBER) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$3,895.00
FS SLICK3-P21-DUR-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P21-DUR-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-DUR-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-DUR-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-DUR-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS SLICK3-OUT-P21-DT-DUR-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P21-DT-DUR-BWA	Federal Signal Spectralux tri color (BLUE/WHITE/AMBER) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-DUR-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-OUT-P17BRK-DT-DUR-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-DUR-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P21-DT-DUR-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P17BRK-DT-DUR-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00
FS SLICK3-DUAL-P17BRK-DT-DUR-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00
FS SLICK3-P17BRK-DT-DUR-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-PHHS-DUR-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$3,895.00
FS SLICK3-P21-DUR-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00

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FS SLICK3-P17BRK-DUR-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-DUR-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-DUR-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-OUT-P21-DT-DUR-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-DUR-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-DUR-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,670.00
FS SLICK3-DUAL-P17BRK-DT-DUR-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,640.00

DURANGO TROY CONSOLE & CAGES

CONSOLES

TP DUR-CON18	TROY PRODUCTS 18" non-floor-shift console, Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, 2" faceplate with (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to rear of console.	$1,150.00
TP DUR-CON14-PRTR	TROY PRODUCTS 14" printer mount console includes standard faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, 2" faceplate with (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to rear of console.	$1,240.00
TP DUR-AWD-RELOCATE	2" faceplate to relocate the OEM AWD module (For AWD models only).	$0.00

PARTITIONS

TP DUR-CARGO-WIRE	TROY PRODUCTS Durango rear partition w/square-hole main window & cargo window side panels.	$770.00
TP DUR-CARGO-POLY	TROY PRODUCTS Durango rear partition with polycarbonate main window & cargo window side panels.	$810.00
TP DUR-HATCH	TROY PRODUCTS rear cargo door square-hole window guard.	$305.00
TP DUR-PART-SLIDE	TROY PRODUCTS spacemaker partition with sliding window & square hole punched bracket. Includes mounting kit & Partition kick panels with big-foot pockets.	$1,665.00

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SEATS & CAGES

TP DUR-SEAT-POLY	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear poly partition with square-hole cargo window side panels.	$2,610.00
TP DUR-SEAT-WIRE	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with square-hole main window and cargo window side panels.	$2,435.00
TP DUR-SWB	TROY PRODUCTS Durango driver/passenger side vertical bar window guards.	$430.00
TP DUR-CGP	TROY PRODUCTS Durango rear partition airbag corridor gap panels, driver and passenger sides.	$255.00
TP DUR-DP-SET	TROY PRODUCTS Durango driver/passenger side replacement door panels.	$420.00
TP DUR-DIA	TROY PRODUCTS Durango driver/passenger side diamond-punch window guards.	$425.00
TP-DUR-1/2CAGE	TROY PRODUCTS Durango single-cell with poly window, kick pane w/foot pocket, removable emergency escape panel, plastic seat w/ OS seatbelts, rear partition with square-hole pattern w/ cargo side panels.	$5,800.00

COMPUTER STANDS

TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

GUN BOXES

TP-DUR-CARGODECK	TROY PRODUCTS Durango rear cargo deck system with lidded storage tray and slide-out electronics tray w/lock.	$5,280.00
TP DUR-DRONE	TROY PRODUCTS DURANGO Drone command post, 40"W x 30"L x 23"H; one TV drawer on top, one storage drawer with 1" foam, drawer latch handles and cypher lock; bottom whiteboard pop-up drawer. (Works work with a Samsung 32" model #QN32Q50R TV. Not included.)	$7,185.00

DURANGO SETINA CONSOLE & CAGES

PARTITIONS

SET DUR-12VS-POLY	Setina 12VS 2nd row partition - POLY	$1,080.00
SET DUR-12VS-WIRE	Setina 12VS 2nd row partition - WIRE	$1,085.00
SET DUR-R-PART-10VS	Setina 10VS C RESESSED panel prisoner cage with uncoated polycarbonate, vinyl coated expanded metal window security screen, and lower extension panels.	$1,835.00

SEATS & CAGES

SET DUR-1/2CAGE	Setina 6VS single prisoner transport cage, coated polycarbonate installs utilizing STOCK SEAT.	$2,180.00
SET DUR-SWB	Setina VS steel vertical window barriers. Compatible with stock & TPO door panels.	$615.00
SET DUR-SEAT	Setina full replacement with stock seat belts (This is a seat cover, not a replacement)	$1,445.00
SET DUR-DOOR-COVER	Setina S TPO black plastic door panels, installs over OEM door panels.	$600.00

FREE STANDING GUN MOUNT

SET DUR-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$535.00

DURANGO PROGARD CONSOLE & CAGES

PARTITIONS

PG DUR-R-PART	Pro-gard RESESSED panel partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,770.00

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PG DUR-CARGO-WIRE	Pro-Gard 7 gauge steel wire cargo barrier with filler panels.	$1,005.00
PG DUR-CARGO-POLY	Pro-gard - ¼" poly cargo barrier with filler panels.	$1,005.00

SEATS & CAGES

PG DUR-SEAT-WIRE	Pro-Gard charcoal grey ABS standard prisoner transport seat w/ 1/4" steel screen window cargo barrier and outboard seat belts.	$2,990.00
PG DUR-SEAT-POLY	Pro-Gard charcoal grey ABS standard prisoner transport seat w/ 1/4" poly window cargo barrier and outboard seat belts.	$2,990.00
PG DUR- FLOOR-PAN	Pro-gard charcoal grey ABS floor pan	$515.00
PG DUR-PWB	Pro-Gard poly window bars (for use with O.E.M. door panels only)	$540.00

DURANGO HAVIS CONSOLE & COMPUTER MOUNTS

HAV DUR-CON20	Havis 20"L x 10"H vehicle specific console includes mounting, side mount arm rest, (2) DC power outlets, (2) cup holders, and necessary blanks.	$1,575.00
HAV DUR-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$735.00
HAV DUR-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$995.00

DURANGO VAULT/GUN BOX

AMERICAN ALUMINUM

AA SUVAULT-1	American Aluminum single drawer weapon storage vault with secure lock T-handle locking system, powder coated black with mesh basket on top.	$2,135.00
AA SUVAULT-2	American Aluminum TWO drawer weapon storage vault with secure lock T-handle locking system, powder coated black with mesh basket on top.	$3,810.00
AA SIMPLEX	Upgrade vault to include Simplex lock (per drawer).	$450.00
AA UP VAULT	American Aluminum UP vault leg kit, installed.	$385.00

TROY PRODUCTS

TP DUR-VAULT	TROY PRODUCTS DURANGO storage vault, 40"Wx32"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor for use with OEM seats or REAR PARTITION ONLY.	$2,590.00
TP DUR-VAULT-TILT	TROY PRODUCTS DURANGO storage vault, 40"Wx28"Lx12H". Includes two (2) lockable draw-tight handles, carpet on top, foam on floor, & tilt-up cargo mount system for use with PLASTIC SEAT.	$2,525.00

SETINA

SET DUR-VAULT1	Setina single drawer vault with ley lock & top basket, powder coated black.	$2,380.00
SET DUR-VAULT2	Setina two drawer vault with combo lock on top drawer & no lock on bottom drawer, powder coated black.	$2,625.00
SET DUR-VAULT-FREE	Setina free standing kit, required with vault when not installing with Setina cargo barrier.	$270.00

DURANGO K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00

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AA SUVAULT-K9-COMBO	American Aluminum 2 drawer + K9 for full size SUV includes (2) drawers and 30"W x 28" D x 29"H kennel. Unit powder coated black.	$6,390.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

HAVIS MOUNTS

HAV DUR-K9	Havis K9 Transport system powder coated white.	$5,550.00

ACE K9

AK9 HA-2520	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$3,500.00
AK9 HP-5020	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$4,340.00
AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00
AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00

DURANGO GFX

GFX CANSPICUITY-RW	DURANGO CONSPICUITY TAPEPlaces Red/White conspicuity tape on door edges and liftgate for reflective warning.	$55.00
GFX DUF-MOTO-SPEAKER	DURANGO PRE-WIRED MOTOROLA REMOTE SPEAKER KITMotorola remote speaker mounted on custom bracket in center console.M/H D-IHCCC1A or D-IHCCB2A or D-IHCCD2A or CUG	$225.00
GFX DUR-1/2CAGE	DURANGO SETINA SINGLE PRISONER TRANSPORT PARTITIONExpands the cargo space behind the driver's seat and provides excellent containment for detainees.Coated polycarbonate front window and divider panel. Heavy duty roll bar type framework with Z-benddrivers side for better driver's seat recline and space. For use with TPO replacement prisoner seat.M/H D-ISQEI2, RECOMMEND ADDING D-ISQEG1 & D-ISQEF1	$1,745.00
GFX DUR-12VS-WIRE	DURANGO SETINA 12-VS CARGO PARTITIONFeatures vinyl coated expanded metal window to minimize rear view glare and protects rear seatoccupancy access to the cargo area.	$1,010.00
GFX DUR-2HATCH-B	DURANGO BLUE/BLUE REAR HATCH HANDLE LIGHTS SOLO – WHELEN IONFor rear visibility while lift gate is open.	$565.00
GFX DUR-2HATCH-R	DURANGO RED/RED REAR HATCH HANDLE LIGHTS SOLO – WHELEN IONFor rear visibility while lift gate is open.	$565.00
GFX DUR-2HATCH-RB	DURANGO RED/BLUE REAR HATCH HANDLE LIGHTS SOLO – WHELEN IONFor rear visibility while lift gate is open.	$565.00
GFX DUR-3A-DP	DURANGO FRONT DOOR BALLISTIC PANELS WITH NIJ LEVEL IIIA PROTECTIONFeatures 13 ply Kevlar front driver & passenger protection.	$1,740.00

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GFX DUR-800mHz	DURANGO 0-1000 MHZ ANTENNA NO-CONNECTOR - 25 FT CABLE	$250.00
GFX DUR-ANT-MULTI	DURANGO MULTI BAND ANTENNA CABLE-MINI UHF - 25 FT CABLE	$255.00
GFX DUR-ARGES1	DURANGO WHELEN ARGES DRIVERS SIDE SPOTLIGHTProcleara silicone optics, 5-degree spread, 360-degree rotation, paddle switch with 3 push buttons.	$1,260.00
GFX DUR-ARM-BROTHER	DURANGO BROTHER PRINTER ARMREST MOUNT & PAPER HOLDERReplaces Stellantis CUG-Police Center Console armrest with Havis padded tilt/swivel Brother Pocket Jetroll-feed printer housing armrest. FITS BROTHER #6 & 7 PRINTERS.M/H D-IHCCC1A or D-IHCCB2A or D-IHCCD2A or CUG	$335.00
GFX DUR-AWM-2	DURANGO ALL WEATHER FLOOR MATSBlueline GFX Edition-Front & 2nd row floor mat set.	$305.00
GFX DUR-BLACKOUT	DURANGO BLACKOUT MODULEInterMotive Blackout Module turns off front & rear lighting (tail) when activated and restores fulloperation at 20-mph.	$795.00
GFX DUR-CARGO-TILT-NOPART	DURANGO TILT UP CARGO LOAD FLOORGFX designed cargo load floor replacement, features ultra tough bed liner material surface with lockingsystem and latching sliding electronics mounting tray. Floor tilts up for service and keeps electronics safeand easy to work on while providing tough interior surface for today's gear.FOR USE WITHOUT CARGO PARTITION	$1,130.00
GFX DUR-CARGO-TILT-WPART	DURANGO TILT UP CARGO LOAD FLOORGFX designed cargo load floor replacement, features ultra tough bed liner material surface with lockingsystem and latching sliding electronics mounting tray. Floor tilts up for service and keeps electronics safeand easy to work on while providing tough interior surface for today's gear.FOR USE WITH CARGO PARTITION	$1,005.00
GFX DUR-CORE-21B	DURANGO 21 Button with 4 position slide WHELEN CORE SYSTEMAll the features of the Core Siren System with GFX's Plug & Play integration with our EXO Wire Harness & PDC System. Eliminates soldering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Weapon Lock Output • Load Management • Keypad Back Lighting • Day/Night Lighting • Flash Pattern Control • Dashboard Aux Button • Front and Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/Microphone M/H D-IAATD2A AND D-EAXPW1 OR D-EAXPW1A	$1,610.00
GFX DUR-CORE-CHH	DURANGO 14 Button hand held with microphone WHELEN CORE SYSTEMAll the features of the Core Siren System with GFX's Plug & Play integration with our EXO Wire Harness & PDC System. Eliminates soldering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Weapon Lock Output • Load Management • Keypad Back Lighting • Day/Night Lighting • Flash Pattern Control • Dashboard Aux Button • Front and Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/Microphone M/H D-IAATD2A AND D-EAXPW1 OR D-EAXPW1A	$1,610.00
GFX DUR-CORE-ROT	DURANGO 13 Button with rotary knob and 4 position slide WHELEN CORE SYSTEMAll the features of the Core Siren System with GFX's Plug & Play integration with our EXO Wire Harness & PDC System. Eliminates soldering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Weapon Lock Output • Load Management • Keypad Back Lighting • Day/Night Lighting • Flash Pattern Control • Dashboard Aux Button • Front and Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/Microphone M/H D-IAATD2A AND D-EAXPW1 OR D-EAXPW1A	$1,610.00
GFX DUR-DOOR	DURANGO SETINA TPO DOOR PANEL COVERSFeatures seamless polymer contour fit and disables rear door locks, window and handles.	$460.00
GFX DUR-DP-STRAP	DURANGO FRONT DOOR CHECK STRAPSDesign patented to reduce strain on OEM Door swing hinges.INCLUDED WITH XDV AND XDG	$245.00
GFX DUR-ETRAY	DURANGO ELECTRONIC TRAY LOCATED INSIDE REAR CARGO STORAGE WITHGROUND KITFeatures a 450 square inch aluminum mounting surface for electronic equipment. Ground Stud providedon tray with direct chassis ground.	$390.00
GFX DUR-HARNESS	DURANGO WIRE HARNESS & POWER DISTRIBUTION CENTERHarness provides power for camera, computer, siren system, radio, modem/cradlepoint, radar, ticketprinter, and lightbars, with both B+ and Ignition where needed. Lighting circuits are routed throughoutthe vehicle for easy connection at the most popular lighting locations. Chassis Ground points areextended to console. Power Distribution Center provides single point access to all fuses & relays foremergency equipment.	$2,300.00
GFX DUR-HARNESS-EXO	DURANGO WIRE HARNESS & POWER DISTRIBUTION CENTER - EXOHarness provides power for camera, computer, siren system, radio, modem/cradlepoint, radar, ticketprinter, and lightbars, with both B+ and ignition where needed. Lighting circuits are routed throughoutthe vehicle for easy connection at the most popular lighting locations. Chassis Ground points areextended to console. Power Distribution Center provides single point access to all fuses & relays foremergency equipment.Our EXO modification makes plug and play ease of installation for popular siren systems.	$2,300.00

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GFX DUR-HAV-CGX	DURANGO HAVIS CHARGE GUARD ELECTRICAL SYSTEM TIMEProtects against dead batteries by disconnecting battery power via an adjustable timer.M/H D-EAXPW1 OR D-EAXPW1A	$240.00
GFX DUR-HAV-COMP-MOUNT	DURANGO HAVIS LAPTOP MOUNT WITH SWING ARM AND MOTION DEVICEMates to Stellantis CUG-Police Center Console. Provides adjustable mounting pole, motion device,and tilt swivel. Accepts docking or universal laptop cradles.M/H D-IHCCC1A or D-IHCCB2A or D-IHCCD2A or CUG	$570.00
GFX DUR-HAV-CON19-PRTR6	DURANGO HAVIS 19" BUILT IN BROTHER PRINTER MOUNT CONSOLEPrinter mounts in forward section, with adjustable cup holder and tilt swivel arm rest.PRINTER MOUNT ACCEPTS BROTHER POCKETJET 6 AND 7 PRINTERS.	$1,095.00
GFX DUR-HAV-CON19-PRTR8	DURANGO HAVIS 19" BUILT IN BROTHER PRINTER MOUNT CONSOLEPrinter mounts in forward section, with adjustable cup holder and tilt swivel arm rest.PRINTER MOUNT ACCEPTS BROTHER POCKETJET 8 SERIES PRINTERS.	$1,135.00
GFX DUR-HAV-CON23	DURANGO HAVIS 23" CONSOLE WITH TILT SWIVEL ARM REST AND SELF ADJUSTINGCUP HOLDER23" of total mounting space includes 2 APO's, 2 adjustable cup holders, and tilt/swivel arm rest.	$975.00
GFX DUR-HAV-K9	DURANGO HAVIS K9 TRANSPORTATION SYSTEMSingle compartment kit with sliding front door and fold down interior window guards, door panels, rubbermat, and dome light. Black powder coated finish. Cool Guard Plus heat monitoring system. (2) controlmodules, (2) temperature sensors, pager system, window fan, window drop and handler alert by flashingvehicle lights & horn.M/H D-EAXPW1A or D-EAXPW1	$11,040.00
GFX DUR-INNER-FST-SOLO-RB	DURANGO FRONT VISOR MOUNTED WHELEN FST INNER EDGE-10 LAMP SOLO WCXFeatures WeCanX, Takedown, Driver: Red & Passenger: Blue Solo LED Lightheads.	$1,140.00
GFX DUR-INNER-XLP-DUO-RBW	DURANGO FRONT VISOR MOUNTED WHELEN XLP INNER EDGE-12 LAMP DUO WCXFeatures WeCanX, Driver: Red/White & Passenger: Blue/White Duo LED Lightheads.	$2,245.00
GFX DUR-LEG48-DUO-RBA	DURANGO ROOF MOUNTED 48" WHELEN LEGACY DUO WCXFeatures WeCanX programming capability, Alley, Photocell, Front: Red/White & Blue/White,Rear: Red/Amber & Blue/Amber Duo LED Lightheads.	$3,580.00
GFX DUR-LEG48-SOLO-RB	DURANGO ROOF MOUNTED 48" WHELEN LEGACY SOLO WCXFeatures WeCanX programming capability, Alley, Takedown, Photocell, Driver: Red & Passenger:Blue Solo LED Lightheads.	$2,655.00
GFX DUR-LEG48-SOLO-RBA	DURANGO ROOF MOUNTED 48" WHELEN LEGACY SOLO WCXFeature WeCanX programming capability, Alley, Takedown, Front Drivers Side Red, Front PassengerSide Blue, Rear Driver Red, Rear Passenger Blue Ends with (6) Amber center section for Traffic Advisorand Warning.	$2,890.00
GFX DUR-LIB48-DUO-RB	DURANGO ROOF MOUNTED 48" WHELEN LIBERTY II DUO WCXFeatures WeCanX programming capability, Alley, Photocell, Front: Red/White & Blue/White,Rear: Red/Amber & Blue/Amber Duo LED Lightheads.	$3,330.00
GFX DUR-LIB48-SOLO-RB	DURANGO ROOF MOUNTED 48" WHELEN LIBERTY II SOLO WCXFeatures WeCanX programming capability, Alley, Takedown, Photocell, Driver: Red & Passenger:Blue Solo LED Lightheads.	$3,020.00
GFX DUR-LSPOT	DURANGO PASSENGER SIDE A-PILLAR LED SPOTLIGHTWhelen LED Bulb, Unity pillar mount. Same configuration as Stellantis LNA option.	$810.00
GFX DUR-LUND-2LOFT-K9	DURANGO LUND LOFT DUAL WEAPON MOUNTProvides storage for two weapons, (1) Rifle, (1) Shotgun, in cargo area roof. Utilizes unused ceiling spaceto keep weapons secure and out of sight. Electronic lock releases and keyed vault locks. 5-keys.FOR USE WITH K9 SYSTEM D-IHKEA2	$1,900.00
GFX DUR-LUND-2LOFT-PART	DURANGO LUND LOFT DUAL WEAPON MOUNTProvides storage for two weapons, (1) Rifle, (1) Shotgun, in cargo area roof. Utilizes unused ceiling spaceto keep weapons secure and out of sight. Electronic lock releases and keyed vault locks. 5-keys.WITH D-ISQBP2 CARGO PARTITION	$1,635.00
GFX DUR-MOTO-2PC-TRANS	DURANGO PRE-WIRED MOTOROLA REMOTE MOUNT TRANSFER KITContains HKN6168B, HKN6188B, & HKN4191 cabling and connectors - compatible with Motorola APXand XTL two-piece radios.M/H D-EAXPW1 OR D-EAXPW1A	$405.00
GFX DUR-NOISE-V6	V6 DURANGO GROUND PACKAGE & ENGINE NOISE SUPPRESSIONFeatures exhaust system (2), hood (2), and liftgate (2).	$405.00
GFX DUR-NOISE-V8	V8 DURANGO GROUND PACKAGE & ENGINE NOISE SUPPRESSIONFeatures exhaust system (2), hood (2), and liftgate (2).	$395.00

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GFX DUR-OPS	DURANGO OFFICER PROTECTION SYSTEMInterMotive Officer Protection Package alerts driver to approaches from rear of vehicle when engaged.Sounds alert tone, turns on rear view camera, turns on reverse lights, and locks doors.	$555.00
GFX DUR-PART-10C	DURANGO SETINA REAR SEAT 10-C-XL STEEL PARTITIONExtra legroom design for ease of entry and egress from passenger side rear seat. Features slidingcoated polycarbonate window with vinyl coated expanded metal security screen with 3” document slotand recessed panel.	$1,510.00
GFX DUR-PIM	DURANGO POLICE INTERFACE MODULEInterMotive Police Interface Module combines Blackout Module, Officer Protection Package, and provideschoice of switch function, Auto Park Override, and integrates Secure Park for weapons release.	$985.00
GFX DUR-RACETRACK	DURANGO DURANGO TAIL LIGHT RACE TRACK FLASHIntegrates with OEM T-Connectors to alternate flash the inboard & outboard tail lamp sections to createa highly visible warning system.	$535.00
GFX DUR-REAR-INNER-DUO-RBA	DURANGO UPPER REAR WINDOW MOUNTED WHELEN RST INNER EDGE-10 LAMPDUO WCXFeatures WeCanX, Driver: Red/Amber & Passenger: Blue/Amber Duo LED Lightheads.	$1,765.00
GFX DUR-REAR-INNER-SOLO-RBA	DURANGO UPPER REAR WINDOW MOUNTED WHELEN RST INNER EDGE-10 LAMPSOLO WCXFeatures WeCanX, Driver: Red & Passenger: Blue Solo LED End Flashers, with 8: Amber Traffic Advisor.	$1,390.00
GFX DUR-RESTORE	DURANGO DOOR/WINDOW ACTIVATION KITRestores CW6 rear door disable to civilian operation. KIT ONLY, NOT INSTALLED.	$130.00
GFX DUR-R-PART-10C	DURANGO SETINA REAR SEAT 10-C-RP STEEL PARTITION WITH RECESSED PANELFeatures sliding coated polycarbonate window with vinyl coated expanded metal security screen with3” document slot with recessed panel.	$1,510.00
GFX DUR-SA315P-2PB	DURANGO DUAL 100W PUSH BUMPER MOUNTED WHELEN SA315P SIREN SPEAKERSM/H XPW OR D-EAPGA2M/H D-EAXPW1 OR D-EAXPW1A	$765.00
GFX DUR-SA315P-GM	DURANGO SINGLE 100W INTERNAL MOUNTED WHELEN SA315P SIREN SPEAKERAND BRACKETM/H D-EAXPW1 OR D-EAXPW1A	$375.00
GFX DUR-SA315P-PB	DURANGO SINGLE 100W PUSH BUMPER MOUNTED WHELEN SA315P SIREN SPEAKERM/H XPW OR D-EAPGA2M/H D-EAXPW1 OR D-EAXPW1A	$490.00
GFX DUR-SEAT-WIRE	DURANGO SETINA TPO SEAT REPLACEMENT WITH CENTER PULL SEAT BELTSDesigned to maximize occupancy and features recessed molded handcuff accommodation. TPO polymerfor easy biohazard cleanup and Setina’s retractable center pull seatbelt system for officer safety.INCLUDES D-ISQBP2 CARGO PARTITION	$2,265.00
GFX DUR-SET-PB400	DURANGO SETINA PB400 PUSH BUMPERFeatures GFX Law’s exclusive design for speaker mounting and superior corrosion protection.	$770.00
GFX DUR-SET-PB450L4-RBW	DURANGO SETINA PB450L4 PUSH BUMPER WITH WHELEN ION LIGHTS - TRIO (RWB)Features GFX Law’s exclusive design for speaker mounting and superior corrosion protection.Two Whelen Trio-ION (RWB) recess mounted in the top cross bar and two Whelen Trio-ION (RWB)angle mounted in side plates. Includes individual lighthead and color control.M/H D-EAXPW1A or D-EAXPW1	$1,490.00
GFX DUR-SWB	DURANGO SETINA STEEL VERTICAL WINDOW GUARDDesigned for high strength, visibility and ventilation.	$485.00
GFX DUR-UMIRROR-V-B	DURANGO BLUE/BLUE UNDER MIRROR WITH CLEAR PUDDLE LIGHTS – WHELEN LINSV2Mounted under mirror for 180º side visibility and ground lighting while door is open.	$875.00
GFX DUR-UMIRROR-V-R	DURANGO RED/RED UNDER MIRROR WITH CLEAR PUDDLE LIGHTS – WHELEN LINSV2Mounted under mirror for 180º side visibility and ground lighting while door is open.	$875.00
GFX DUR-UMIRROR-V-RB	DURANGO RED/BLUE UNDER MIRROR WITH CLEAR PUDDLE LIGHTS – WHELEN LINSV2Mounted under mirror for 180º side visibility and ground lighting while door is open.	$875.00
GFX DUR-WMINI-2FQP-B	DURANGO BLUE/BLUE FRONT CORNER LIGHTS - WHELEN MINI T-IONMounted in the front fascia for additional side lighting.	$450.00
GFX DUR-WMINI-2FQP-R	DURANGO RED/RED FRONT CORNER LIGHTS - WHELEN MINI T-IONMounted in the front fascia for additional side lighting.	$450.00
GFX DUR-WMINI-2FQP-RB	DURANGO RED/BLUE FRONT CORNER LIGHTS - WHELEN MINI T-IONMounted in the front fascia for additional side lighting.	$450.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

GFX DUR-WMINI-2RQP-B	DURANGO BLUE/BLUE REAR CORNER LIGHTS SOLO – WHELEN MINI T-IONMounted in the rear fascia for additional side lighting.	$540.00
GFX DUR-WMINI-2RQP-R	DURANGO RED/RED REAR CORNER LIGHTS SOLO – WHELEN MINI T-IONMounted in the rear fascia for additional side lighting.	$540.00
GFX DUR-WMINI-2RQP-RB	DURANGO RED/BLUE REAR CORNER LIGHTS SOLO – WHELEN MINI T-IONMounted in the rear fascia for additional side lighting.	$540.00
GFX DUR-WTLI-2GL-B	DURANGO BLUE/BLUE INTERIOR GRILLE LIGHTS SOLO – WHELEN T-IONMounted behind front fascia grille for unmarked appearance.	$475.00
GFX DUR-WTLI-2GL-R	DURANGO RED/RED INTERIOR GRILLE LIGHTS SOLO – WHELEN T-IONMounted behind front fascia grille for unmarked appearance.	$475.00
GFX DUR-WTLI-2GL-RB	DURANGO RED/BLUE INTERIOR GRILLE LIGHTS SOLO – WHELEN T-IONMounted behind front fascia grille for unmarked appearance.	$475.00
GFX DUR-WTLI-2HATCH-B	DURANGO BLUE/BLUE REAR HATCH MOUNTED LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in top of rear window for rear visibility.	$550.00
GFX DUR-WTLI-2HATCH-R	DURANGO RED/RED REAR HATCH MOUNTED LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in top of rear window for rear visibility.	$550.00
GFX DUR-WTLI-2HATCH-RB	DURANGO RED/BLUE REAR HATCH MOUNTED LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in top of rear window for rear visibility.	$550.00
GFX DUR-WTLI-2RQG-B	DURANGO BLUE/BLUE QUARTER WINDOW SIDE LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in the rear cargo window for additional side lighting.	$615.00
GFX DUR-WTLI-2RQG-R	DURANGO RED/RED QUARTER WINDOW SIDE LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in the rear cargo window for additional side lighting.	$615.00
GFX DUR-WTLI-2RQG-RB	DURANGO RED/BLUE QUARTER WINDOW SIDE LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in the rear cargo window for additional side lighting.	$615.00
GFX DUR-WTLIXJ-4GL-RB	DURANGO INTERIOR GRILLE LIGHTS SOLO, QUAD (4) - SMOKED WHELEN T-ION TLIJXMounted behind front fascia grille for unmarked appearanceRED/BLUE SPLIT	$760.00
GFX DUR-WVTX-2RTL-B	DURANGO BLUE/BLUE REAR IN-LAMP LIGHTS SOLO – WHELEN VERTEXMounted in reverse light cavity for superior light output & visibility.	$455.00
GFX DUR-WVTX-2RTL-R	DURANGO RED/RED REAR IN-LAMP LIGHTS SOLO – WHELEN VERTEXMounted in reverse light cavity for superior light output & visibility.	$455.00
GFX DUR-WVTX-2RTL-RB	DURANGO RED/BLUE REAR IN-LAMP LIGHTS SOLO – WHELEN VERTEXMounted in reverse light cavity for superior light output & visibility.	$455.00

EXPEDITION BALLISTICS

ANGEL ARMOR

AA EXP-3A-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2019+ EXPEDITION) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00
AA EXP-3A-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2019+ EXPEDITION) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00

EXPEDITION PUSH BUMPERS

TROY PRODUCTS

TP PB-EXP	TROY PRODUCTS Push-bumper uprights with solid top channel cover.	$1,195.00
TP PB-EXP-LB2	TROY PRODUCTS Push-bumper uprights with two (2) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00

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TP PB-EXP-LB4	TROY PRODUCTS Push-bumper uprights with four (4) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-LGH-BKT	TROY PRODUCTS Push-bumper upright 45 degree light brackets to give side mounted lights more angel. (SOLD PER ONE EACH)	$485.00
TP PB-UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$670.00
PB UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$660.00

PROGARD

PG EXP-PB	Pro-Gard push bumper.	$930.00

SETINA

SET EXP-PB400	Setina PB400 VS aluminum push bumper.	$1,060.00

EXPEDITION WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00

ALAN JAY FLEET SALES

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W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00
W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00

LAW ENFORCEMENT SIDE

W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00
W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00

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W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00
W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00
W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00

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W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W INNER-RST-DUO-EXP-RBA	Whelen DUO interior sedan/suv rear inner edge with mounting tray (RED/BLUE/AMBER).	$1,255.00

FIRE / EMS REAR

W TLI2-2HATCH-RA	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$435.00
W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00

ARGES / HOWLER

W ARGES1-EXP-1	Whelen Arges dedicated spot lamp with control head with EXPEDITION specific DRIVERS SIDE Arges mount.	$1,305.00
W HOWLER-EXP	Whelen WCX low frequency supplemental siren, with EXPEDITION mounting bracket.	$765.00

TRACERS

W TRACER60-DUO-EXP-RBW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$1,805.00
W TRACER60-DUO-EXP-BW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (BLUE/WHITE).	$1,805.00
W TRACER60-DUO-EXP-RW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (RED/WHITE).	$1,805.00
W TRACER60-DUO-EXP-RWA	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (RED/AMBER WITH OVERRIDE TO WHITE).	$1,805.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-EXP-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200 light/siren controller, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00

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W EDGE2-ROT-EXP-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-EXP-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-EXP-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-EXP-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER)	$4,745.00
W EDGE2-ROT-EXP-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-EXP-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CHH-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

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LAW ENFORCEMENT UNMARKED PACKAGES

W SLICK1-HH-EXP-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HH3200, HANDHELD Controller, speaker, and bracket (RED/BLUE).	$3,500.00
W SLICK1-ROT-EXP-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,205.00
W SLICK1-21B-EXP-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,270.00
W SLICK1-HH-EXP-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (BLUE).	$3,500.00
W SLICK1-ROT-EXP-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,205.00
W SLICK1-21B-EXP-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,270.00
W SLICK2-CHH-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DT-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-CHH-EXP-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-EXP-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-EXP-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

FIRE / EMS LIGHT BAR PACKAGES

W LEGACY-CHH-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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W LEGACY-CROT-DT-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-EXP-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LEGACY-C21B-DT-EXP-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-EXP-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00
W LIBERTY-OPTI-C21B-DT-EXP-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

FIRE / EMS UNMARKED PACKAGES

W SLICK1-HH-EXP-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED).	$3,500.00
W SLICK1-ROT-EXP-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,205.00
W SLICK1-21B-EXP-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,270.00
W SLICK2-CHH-EXP-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-EXP-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-EXP-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00

EXPEDITION FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00
FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00
FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00

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FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00
FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00

LAW ENFORCEMENT SIDE

FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00
FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00

FIRE / EMS SIDE

FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00
FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00
FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00
FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00

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LAW ENFORCEMENT REAR

FS MP2-2GATE-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$405.00
FS MP2-2GATE-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2HATCH-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$405.00
FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2TAG-BW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (BLUE/WHITE).	$440.00
FS MP2-2TAG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$440.00
FS MP2-4GATE-BW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$815.00
FS MP2-4GATE-RB	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (RED/BLUE).	$815.00
FS SML8-B	Federal Signal Latitude Signal Mater traffic advisor with (BLUE)LEDs.	$645.00
FS SML8-RB	Federal Signal Latitude Signal Mater traffic advisor with 1/2 (RED) and 1/2 (BLUE)LEDs.	$645.00
FS EXP-SPOIL-RBW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$1,245.00

FIRE / EMS REAR

FS MP2-2GATE-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2HATCH-RA	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$405.00
FS MP2-2LIC-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2TAG-RAW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$440.00
FS MP2-4GATE-RAW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$815.00
FS SML8-R	Federal Signal Latitude Signal Mater traffic advisor with (RED)LEDs.	$645.00
FS SML8-RW	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/WHITE)LEDs.	$645.00
FS SML8-RA	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/AMBER)LEDs.	$645.00
FS EXP-SPOIL-RAW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$1,245.00

MIRROR

FS EXP-MIR-MPS-2-RBW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/BLUE/WHITE).	$810.00
FS EXP-MIR-MPS-2-RAW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/AMBER/WHITE).	$800.00

RUNNING BOARD LIGHT

FS DR6-EXP-RBW	Federal Signal 72" Running board light with tri-colored lens (RED/BLUE/WHITE).	$2,990.00
FS DR6-EXP-BAW	Federal Signal 72" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$2,990.00
FS DR6-EXP-RAW	Federal Signal 72" Running board light with tri-colored lens (RED/AMBER/WHITE).	$2,990.00
FS DR6-SMOKE-EXP-RBW	Federal Signal 72" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE)	$3,135.00

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LAW ENFORCEMENT LIGHT BAR PACKAGES

FS ALGT53-PHHS-EXP-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-EXP-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-P21-EXP-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-EXP-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P17BRK-EXP-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,380.00
FS ALGT53-P21-DT-EXP-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-EXP-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P17BRK-DT-EXP-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-EXP-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,925.00
FS ALGT53-PF400-DT-LF-EXP-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS VALOR51-P21-EXP-RBWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00

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FS VALOR51-P21-EXP-BWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-EXP-RBWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-EXP-BWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-EXP-RBWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-EXP-BWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-EXP-RBWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-DT-EXP-BWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-EXP-RBWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00
FS VALOR51-PF400-DT-LF-EXP-BWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00

FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-PHHS-EXP-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00

ALAN JAY FLEET SALES

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FS ALGT53-P21-EXP-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-DT-EXP-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-EXP-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-EXP-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,435.00
FS ALGT53-PF400Q-DT-LF-EXP-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,880.00
FS VALOR51-P21-EXP-RWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-EXP-RWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-EXP-RWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-EXP-RWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-EXP-RWA	Federal Signal 51" Valor LED Lightbar, dual Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00
FS VALOR51-PF400Q-DT-LF-EXP-RWGA	Federal Signal 51" Valor LED Lightbar, dual Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,540.00

ALAN JAY FLEET SALES

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LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-EXP-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-PHHS-EXP-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller, (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-P21-EXP-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,845.00
FS SLICK3-P21-EXP-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,845.00
FS SLICK3-P17BRK-EXP-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,815.00
FS SLICK3-P17BRK-EXP-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,815.00
FS SLICK3-P21-DT-EXP-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,540.00
FS SLICK3-P21-DT-EXP-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,540.00
FS SLICK3-P17BRK-DT-EXP-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,510.00
FS SLICK3-P17BRK-DT-EXP-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear CN SignalMaster package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,510.00
FS SLICK3-OUT-P21-DT-EXP-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,720.00
FS SLICK3-OUT-P21-DT-EXP-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,720.00
FS SLICK3-OUT-P17BRK-DT-EXP-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,720.00

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FS SLICK3-OUT-P17BRK-DT-EXP-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,720.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-P21-EXP-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear CN SignalMaster package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,845.00
FS SLICK3-P17BRK-EXP-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear CN SignalMaster package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,815.00
FS SLICK3-P21-DT-EXP-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear CN SignalMaster package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,540.00
FS SLICK3-P17BRK-DT-EXP-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear CN SignalMaster package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,510.00
FS SLICK3-OUT-P21-DT-EXP-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,720.00
FS SLICK3-OUT-P17BRK-DT-EXP-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00

EXPEDITION TROY CONSOLES & CAGES

CONSOLES

TP EXP-CON14	TROY PRODUCTS 14"console with 7" slope / 7" level faceplate area. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 3" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$995.00
TP EXP-CON-OH	TROY PRODUCTS Ford Expedition 7" overhead console. Disclaimer: Civilian Expedition model will require removal of the bluetooth microphone.	$425.00
TP EXP-WBCON16	TROY PRODUCTS 16" wide-body console with 8" slope / 8" level and open storage on side of console. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,185.00
TP EXP-WBCON16-FB	TROY PRODUCTS 16" wide-body console with 8" slope / 8" level and open storage on side of console. Includes floorplate and faceplates, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & Locking lidded file box that bolts to the rear of wide-body console with large leather pad.	$1,375.00
TP EXP-WBCON20	TROY PRODUCTS 20" wide-body console with 8" slope / 12" level and open storage on side of console. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,200.00
TP EXP-CON18	TROY PRODUCTS 18"console with 7" slope / 11" level faceplate area. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 3" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$970.00

ALAN JAY FLEET SALES

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

PARTITIONS

TP EXP-CARGO-POLY	TROY PRODUCTS standard-body rear partition with polycarbonate window. Includes cargo side window panels.	$945.00
TP EXP-CARGO-WIRE	TROY PRODUCTS standard-body rear partition with square-hole window. Includes cargo side window panels.	$870.00
TP EXP-PART-FIX	TROY PRODUCTS fixed window all polycarbonate partition with pre-punched holes and weapon recess panel. Includes mounting kit & partition kick panels for Expedition SSV.	$1,540.00
TP EXP-PART-SLIDE	TROY PRODUCTS large window partition with sliding window, crawl-through barrier and weapon recess panel. Includes mounting kit & partition kick panels for Expedition SSV.	$1,510.00

SEATS & CAGES

TP EXP-SWB	TROY PRODUCTS driver & passenger welded vertical bar window guards.	$430.00
TP EXP-DP	TROY PRODUCTS door panel kit	$430.00
TP EXP-1/2CAGE	TROY PRODUCTS Expedition single-cell with poly window; kick panel w/ foot pocket, removable emergency escape panel , plastic seat with OS seatbelt system, rear partition square-hole pattern w/ cargo side panels.	$3,465.00
TP EXP-SEAT-WIRE-FIRE-AED	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes rear partition with square hole main window and cargo window side panels to include AED and Fire Extinguisher cubby.	$3,080.00
TP EXP-SEAT-WIRE	TROY PRODUCTS Expedition plastic seat with OS belt system, rear partition with square-hole window, square hole cargo side window guards.	$2,730.00
TP EXP-SEAT-POLY	TROY PRODUCTS Expedition plastic seat with OS belt system, rear partition with polycarbonate window, square hole cargo side window guards.	$2,785.00
TP EXP-HATCH	TROY PRODUCTS Expedition square hole cargo hatch window guard.	$335.00

COMPUTER STANDS AND CRADLES

TP EXP-COMP-SL	TROY PRODUCTS 2018+ Expedition stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$785.00
TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

EXPEDITION SETINA CONSOLES & CAGES

PARTITIONS

SET EXP-12VS-POLY	Setina 12VS 2nd row partition - POLY	$1,125.00
SET EXP-12VS-WIRE	Setina 12VS 2nd row partition - WIRE	$1,110.00

SEATS & CAGES

SET EXP-R-PART-10VS	Setina 10VS C RESESSED panel prisoner cage with uncoated polycarbonate, vinyl coated expanded metal window security screen, and lower extension panels.	$1,840.00

FREE STANDING GUN MOUNT

SET EXP-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$535.00

EXPEDITION HAVIS CONSOLE & COMPUTER MOUNTS

HAV EXP-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,035.00
HAV EXP-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$760.00

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HAV EXP-CON18	Havis 18"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,115.00
HAV EXP-CON30	Havis 30"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,230.00

EXPEDITION PROGARD CONSOLES & CAGES

PARTITIONS

PG EXP-CARGO-POLY	Pro-Gard - ¼" poly cargo barrier with filler panels for use with side curtain airbags in SSV only.	$1,005.00
PG EXP-CARGO-WIRE	Pro-Gard - 7 gauge steel wire cargo barrier with filler panels for use with side curtain airbags in SSV only.	$1,005.00
PG EXP-PART	Pro-gard partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,770.00

EXPEDITION VAULT/GUN BOX

TROY PRODUCTS

TP EXP-COMMAND	TROY PRODUCTS Command post 48"Wx22"Lx18"H, includes storage drawers, full size map drawer & radio mounting area.	$5,950.00
TP EXP-VAULT-TILT	TROY PRODUCTS EXPEDITION standard-body storage vault, 44"Wx35"Lx12H" with tilt mechanism to reach spare tire. Includes two (2) lockable draw-tight handles, carpet on top, foam on floor. Includes steel cargo mount to provide solid mounting point for Troy vaults or command posts. Replaces plastic factory floor module.	$3,155.00

SETINA

SET EXP-VAULT1	Setina single drawer vault with ley lock & top basket, powder coated black.	$2,380.00
SET EXP-VAULT2	Setina two drawer vault with combo lock on top drawer & no lock on bottom drawer, powder coated black.	$2,625.00
SET EXP-VAULT-FREE	Setina free standing kit, required with vault when not installing with Setina cargo barrier.	$255.00

EXPEDITION K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00
AA SUVAULT-K9-COMBO	American Aluminum 2 drawer + K9 for full size SUV includes (2) drawers and 30"W x 28" D x 29"H kennel. Unit powder coated black.	$6,390.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

HAVIS MOUNTS

HAV EXP-K9	Havis K9 Transport system powder coated white.	$5,640.00

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ACE K9

AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00
AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00

SILVERADO BALLISTICS

ANGEL ARMOR

AA SILV-3A-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2019+ SILVERADO) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00
AA SILV-3A-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2019+ SILVERADO) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00

SILVERADO PUSH BUMPERS

WESTIN

WEST SILV15-PB	Westin Elite push bumper for Silverado 1500 2024+	$1,045.00
WEST SILV15-PB2L	Westin Elite push bumper for Silverado 1500 with two light channel (lights purchased separatel	$1,105.00
WEST SILV15-PB2L-PIT	Westin Elite push bumper for Silverado 1500 2024+ with two light channel including pit bars (No headlight wraps - lights purchased separately).	$2,010.00
WEST SILV15-PB2L-PIT-W	Westin Elite push bumper for Silverado 1500 2024+ with two light channel including pit bars with headlight wraps (lights purchased separately).	$2,405.00

TROY PRODUCTS

TP PB-SILV	TROY PRODUCTS Push-bumper uprights with solid top channel cover.	$1,195.00
TP PB-SILV-LB2	TROY PRODUCTS Push-bumper uprights with two (2) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-SILV-LB4	TROY PRODUCTS Push-bumper uprights with four (4) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-LGH-BKT	TROY PRODUCTS Push-bumper upright 45 degree light brackets to give side mounted lights more angel. (SOLD PER ONE EACH)	$485.00
TP PB-UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$670.00
PB UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$660.00

PROGARD

PG SILV-PB	Pro-gard - Push Bumper	$930.00

SETINA

SET SILV-PB	Setina - Push Bumper	$1,060.00
SET SILV-PB450L2	Setina lighted push bumper with (2) forward facing ION LED lights, installed.	$1,255.00
SET SILV-PB450L4	Setina lighted push bumper with (2) forward facing LED lights & (2) side facing LED lights, installed.	$2,060.00

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SILVERADO WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$895.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00

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W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00
W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00

LAW ENFORCEMENT SIDE

W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00
W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00
W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00

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W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00
W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-2GAP-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (RED/BLUE).	$435.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00
W TLI2-2GAP-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2GAP-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper(BLUE/WHITE).	$435.00
W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W 2230F-RBA	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,180.00

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W 2230F-RBW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2230F-BA	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-BW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2240F-RBA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-RBW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2240F-BA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-BW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2250F-RBA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-RBW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,710.00
W 2250F-BA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-BW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,710.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W TLI2-2GATE-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GATE-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GATE-SMOKE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (RED/BLUE).	$900.00
W TLI2-4GATE-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2GAP-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GAP-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2GAP-SMOKE-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (RED/BLUE).	$450.00

ALAN JAY FLEET SALES

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FIRE / EMS REAR

W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W TLI2-2GATE-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/WHITE).	$435.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W TLI2-2GAP-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (RED/WHITE).	$435.00
W TLI2-2GAP-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (One RED/WHITE & One AMBER/WHITE).	$435.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00
W 2230F-RA	Whelen 2250 series DUO colored flat 30" end light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-RW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2240F-RA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-RW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2250F-RA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-RW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,710.00

ARGES / HOWLER

W ARGES1-SILV-1	Whelen Arges dedicated spot lamp with control head with SILVERADO Utility specific Arges mount.	$1,305.00
W ARGES1-SILV-2	Dual Whelen Arges dedicated spot lamps with control head and SILVERADO Utility specific driver and passenger Arges mounts.	$2,320.00
W HOWLER-SILV	Whelen low frequency supplemental siren, with SILVERADO mounting bracket.	$765.00

TRACERS

W TRACER60-DUO-SILV-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$1,805.00
W TRACER60-DUO-SILV-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (BLUE/WHITE).	$1,805.00
W TRACER60-DUO-SILV-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (RED/WHITE).	$1,805.00
W TRACER60-DUO-SILV-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (RED/AMBER with override to WHITE).	$1,805.00

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LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-SILV-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00
W EDGE2-ROT-SILV-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-SILV-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-SILV-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-SILV-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$4,710.00
W LEGACY-CROT-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CHH-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller,speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

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LAW ENFORCEMENT UNMARKED PACKAGES

W SLICK1-HH-SILV-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED/BLUE).	$3,690.00
W SLICK1-ROT-SILV-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,205.00
W SLICK1-21B-SILV-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,270.00
W SLICK2-ROT-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-CHH-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-CHH-SILV-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DT-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK1-HH-SILV-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (BLUE).	$3,500.00
W SLICK1-ROT-SILV-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,205.00
W SLICK1-21B-SILV-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,270.00
W SLICK2-ROT-SILV-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-SILV-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

FIRE / EMS LIGHT BAR PACKAGES

W EDGE2-21B-SILV-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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W LEGACY-C21B-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-SILV-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE ,Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LEGACY-C21B-DT-SILV-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-SILV-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00
W LIBERTY-OPTI-C21B-DT-SILV-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

FIRE / EMS UNMARKED PACKAGES

W SLICK1-HH-SILV-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED).	$3,500.00
W SLICK1-ROT-SILV-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,205.00
W SLICK1-21B-SILV-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,270.00
W SLICK2-CHH-SILV-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-SILV-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-SILV-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00

SILVERADO FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00
FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00

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FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00
FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00
FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00

LAW ENFORCEMENT SIDE

FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00
FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00

FIRE / EMS SIDE

FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00
FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00
FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00

LAW ENFORCEMENT REAR

FS MP2-2GATE-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$405.00
FS MP2-2GATE-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2HATCH-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$405.00
FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2TAG-BW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (BLUE/WHITE).	$440.00
FS MP2-2TAG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$440.00
FS MP2-4GATE-BW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$815.00
FS MP2-4GATE-RB	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (RED/BLUE).	$815.00
FS SML8-B	Federal Signal Latitude Signal Mater traffic advisor with (BLUE)LEDs.	$645.00
FS SML8-RB	Federal Signal Latitude Signal Mater traffic advisor with 1/2 (RED) and 1/2 (BLUE)LEDs.	$645.00
FS SILV-SPOIL-RBW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$1,245.00

FIRE / EMS REAR

FS MP2-2GATE-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2HATCH-RA	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$405.00
FS MP2-2LIC-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2TAG-RAW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$440.00
FS MP2-4GATE-RAW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$815.00
FS SML8-R	Federal Signal Latitude Signal Mater traffic advisor with (RED)LEDs.	$645.00
FS SML8-RW	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/WHITE)LEDs.	$645.00
FS SML8-RA	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/AMBER)LEDs.	$645.00
FS SILV-SPOIL-RAW	Federal Signal MicroPulse Ultra under Spoiler Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$1,245.00

RUMBLER

FS SILV-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$815.00

MIRROR

FS SILV-MIR-MPS-2-RBW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/BLUE/WHITE).	$800.00
FS SILV-MIR-MPS-2-RAW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/AMBER/WHITE).	$800.00

RUNNING BOARD LIGHT

FS DR6-SILV-RBW	Federal Signal 72" Running board light with tri-colored lens (RED/BLUE/WHITE).	$2,990.00

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FS DR6-SILV-BAW	Federal Signal 72" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$2,990.00
FS DR6-SILV-RAW	Federal Signal 72" Running board light with tri-colored lens (RED/AMBER/WHITE).	$2,990.00
FS DR6-SMOKE-SILV-RBW	Federal Signal 72" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE)	$3,135.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

FS ALGT53-PHHS-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-P21-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P17BRK-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,380.00
FS ALGT53-P17BRK-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,380.00

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FS ALGT53-P21-DT-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P17BRK-DT-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-SILV-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS ALGT53-PF400-DT-LF-SILV-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS VALOR51-P21-SILV-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,100.00
FS VALOR51-P21-SILV-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-SILV-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-SILV-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-SILV-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-SILV-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00

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FS VALOR51-P17BRK-DT-SILV-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-DT-SILV-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-SILV-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400-DT-LF-SILV-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00

FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-PHHS-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS ALGT53-PHHS-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, DUAL color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS ALGT53-P21-DT-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS ALGT53-P21-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00

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FS ALGT53-P21-SILV-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-PF400Q-DT-LF-SILV-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,880.00
FS VALOR51-P21-SILV-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-SILV-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-SILV-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-SILV-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-SILV-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400Q-DT-LF-SILV-RWGA	Federal Signal 51" Valor LED Lightbar, TRI Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,235.00

LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-SILV-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-PHHS-SILV-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-P21-SILV-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS SLICK3-P21-SILV-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-SILV-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P17BRK-SILV-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-SILV-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P21-DT-SILV-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-SILV-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-P17BRK-DT-SILV-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-OUT-P21-DT-SILV-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P21-DT-SILV-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-SILV-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-OUT-P17BRK-DT-SILV-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-PHHS-SILV-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-P21-SILV-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FS SLICK3-P17BRK-SILV-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-SILV-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-SILV-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-OUT-P21-DT-SILV-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-OUT-P17BRK-DT-SILV-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal Spoiler Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise and Amber Traffic Advisor Functions light bars, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00

SILVERADO TROY CONSOLE & CAGES

CONSOLES

TP SILV-WBCON20-1500	TROY PRODUCTS 20" Silverado 1500 vehicle specific wide-body console with 7" slope / 13" level faceplate area and open storage on side of console. For non-floor shift models. Includes standard faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) dual-port USB modules, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,285.00
TP SILV-WBCON20-1500-PRTR	TROY PRODUCTS 20" Silverado 1500 vehicle specific wide-body printer console with 7" slope / 13" level faceplate area and printer housing on side of console. For non-floor shift models. Includes standard faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) dual-port USB modules, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,445.00
TP SILV-WBCON16	TROY PRODUCTS 16" wide-body console with 8" slope / 8" level faceplate area and open storage on side of console. For non-floor shift models. Includes floorplate and standard faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,185.00
TP SILV-WBCON16-FB	TROY PRODUCTS 16" wide-body console with 8" slope / 8" level faceplate area and open storage on side of console. For non-floor shift models. Includes floorplate and standard faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & long external map book locking lidded storage box; 13.25" W x 13.8" L x 11" H (Includes leather pad).	$1,420.00
TP SILV-WBCON20	TROY PRODUCTS 20" wide-body console with 8" slope / 12" level faceplate area and open storage on side of console. For non-floor shift models. Includes floorplate and standard faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,200.00
TP SILV-CON18	TROY PRODUCTS 18" L-Shaped console with 7"slope / 11" level faceplate area for non-floor shift models. Includes floorplate and standard faceplates. Includes 4" dual cup internal beverage holder. 3" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,015.00
TP SILV-CON-OH	TROY PRODUCTS overhead 4" console to replace OEM dome light module for remote head controller only.	$435.00

PARTITIONS

TP SILV-PART-FIX	TROY PRODUCTS fixed window all polycarbonate partition with pre-punched holes and weapon recess panel. Includes mounting kit & partition kick panels for Silverado 1500 models.	$1,500.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

TP SILV-PART-SLIDE	TROY PRODUCTS large window partition with sliding window, crawl-through barrier and weapon recess panel. Includes mounting kit & partition kick panels for Silverado 1500 models.	$1,470.00

SEATS & CAGES

TP SILV-SWB	TROY PRODUCTS driver & passenger side diamond-punched window guards WITH Rear window screen, diamond-punched.	$615.00
TP SILV-DP-SET	TROY PRODUCTS SILVERADO 1500 DRIVER AND PASSENGER DOOR PANEL SET.	$425.00
TP SILV-1500 1/2CAGE	TROY PRODUCTS Silverado 1500 single-cell with storage seat box, cab rear wall panel, cab window screen and passenger side diamond pattern window screen. (NOTE: Requires removal of entire back seat. Must use DP-CHV19-PS door panel)	$5,640.00
TP SILV-1500 1/2CAGE OPTIONS	TROY PRODUCTS Silverado 1500 single-cell optional floor mount, 1 hinged lid storage box, 1 sliding drawer storage box for driver side.	$2,780.00
TP SILV-SEAT-WIRE	TROY PRODUCTS Silverado 1500 plastic seat with Officer-Safe seatbelt system. Includes cab rear window screen AND rear door panel set (MUST USE TROY DOOR PANELS W/PLASTIC SEAT).	$3,750.00

COMPUTER STANDS

TP SILV-COMP-SA	TROY PRODUCTS 2019+ Silverado stand alone passenger seat mount computer stand with swing arm (DOCKING STATION NOT INCLUDED).	$695.00
TP SILV-COMP-SL	TROY PRODUCTS 2019+ Silverado stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$850.00
TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

SILVERADO SETINA CONSOLE & CAGES

PARTITIONS

SET SILV-R-PART-10VS	Setina 10VS prisoner cage C RECESSED panel uncoated polycarbonate with expanded metal window cover and lower extension panels.	$1,835.00

SEATS & CAGES

SET SILV-1/2CAGE	Setina 6VS single prisoner transport with coated polycarbonate partition	$2,245.00
SET SILV-DOOR	Setina replacement door panels.	$475.00
SET SILV-SWB	Setina vertical window armor bars for use with setina door panels.	$625.00

FREE STANDING GUN MOUNT

SET SILV-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$660.00

SILVERADO PROGARD CONSOLE & CAGES

PARTITIONS

PG SILV-R-PART	Pro-Gard RESESSED panel prisoner partition with poly center slider window and expanded metal insert.	$1,770.00

SEATS & CAGES

PG SILV-1/2CAGE	Pro-Gard single compartment prisoner cage Pro-cell, ½ Partition with OEM rear seat.	$2,845.00
PG SILV-DOOR	Pro-Gard door panels	$160.00
PG SILV-SWB	Pro-Gard window armor bars.	$540.00

ALAN JAY FLEET SALES

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

SILVERADO HAVIS CONSOLE & COMPUTER MOUNTS

HAV SILV-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,045.00
HAV SILV-CON18	Havis 18"L x 10"H console includes track mount, side mount arm rest, (3) DC power outltes, (2) cup holders, and necessary blanks.	$1,155.00
HAV SILV-CON30	Havis 30"L x 10"H console includes track mount, side mount arm rest, (3) DC power outlets, (2) cup holders, and necessary blanks.	$1,270.00

SILVERADO VAULT/GUN BOX

TROY PRODUCTS

TP SILV-USGB	TROY PRODUCTS SLIVERADO 1500 under seat flip up lid gun box with mounting brackets (fits under rear fold up seat).	$1,185.00

SILVERADO K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

ACE K9

AK9 HA-2520	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$3,500.00
AK9 HP-5020	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$4,340.00
AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00
AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00

ALAN JAY FLEET SALES

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

F-SERIES BALLISTICS

ANGEL ARMOR

AA F-SD-3PLUS-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2023+ FORD SUPER DUTY) INCLUDES FREIGHT AND INSTALLATION.	$2,025.00
AA F-SD-3PLUS-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2023+ FORD SUPER DUTY) INCLUDES FREIGHT AND INSTALLATION.	$2,025.00
AA FSERIES-3PLUS-D	ANGEL ARMOR LEVEL III+ FRONT DRIVER DOOR FOR (2021+ FORD F-150) INCLUDES FREIGHT AND INSTALLATION.	$2,125.00
AA FSERIES-3PLUS-P	ANGEL ARMOR LEVEL III+ FRONT PASSENGER DOOR FOR (2021+ FORD F-150) INCLUDES FREIGHT AND INSTALLATION.	$2,125.00

F-SERIES PUSH BUMPERS

WESTIN

WEST FSERIES-PB	Westin Elite push bumper for F-150 XL SSV 2021+.	$315.00
WEST FSERIES-PB2L	Westin Elite push bumper for F-150 XL SSV 2021+ with two light channel (lights purchased separately).	$1,185.00
WEST FSERIES-PB2L-PIT	Westin Elite push bumper for F-150 XL SSV 2021+ with two light channel including pit bars (No headlight wraps - lights purchased separately).	$2,010.00
WEST FSERIES-PB2L-PIT-W	Westin Elite push bumper for F-150 XL SSV 2021+ with two light channel including pit bars with headlight wraps (lights purchased separately).	$2,405.00

TROY PRODUCTS

TP PB-F150	TROY PRODUCTS Push-bumper uprights with solid top channel cover.	$1,195.00
TP PB-F150-LB2	TROY PRODUCTS Push-bumper uprights with two (2) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-F150-LB4	TROY PRODUCTS Push-bumper uprights with four (4) light channel brackets and wire covers. Specify make & model of lights.	$1,220.00
TP PB-LGH-BKT	TROY PRODUCTS Push-bumper upright 45 degree light brackets to give side mounted lights more angel. (SOLD PER ONE EACH)	$485.00
TP PB-UNIV TRAY	TROY PRODUCTS Push-bumper uprights winch tray, accommodates up to 9,500 lbs.	$670.00

PROGARD

PG FSERIES-PB	Push Bumper - Pro-gard - Push Bumper - F150 Only	$930.00

SETINA

SET FSERIES-PB	Setina push bumper, F150 ONLY.	$1,060.00
SET FSERIES-PB450L2	Setina lighted push bumper with (2) forward facing ION LED lights, installed.	$1,740.00
SET FSERIES-PB450L4	Setina lighted push bumper with (2) forward facing LED lights & (2) side facing LED lights, installed.	$2,060.00

FEDERAL SIGNAL

FS F150-PB	Federal Signal DFC Push Bumper series with speaker mount screens, no wraps, pit bars, or light channel.	$1,180.00
FS F150-PB2L	Federal Signal DFC Push Bumper series with speaker mount screens and two light channel (lights sold separately).	$1,180.00
FS F150-PB4L	Federal Signal DFC Push Bumper series with speaker mount screens and four light channel (lights sold separately).	$1,180.00
FS F150-PB2L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and two light channel (lights sold separately).	$2,205.00

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FS F150-PB4L-PIT	Federal Signal DFC Push Bumper series with speaker mount screens, lower guard pit bars, and four light channel (lights sold separately).	$2,205.00
FS F150-PB2L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and two light channel (lights sold separately).	$2,725.00
FS F150-PB4L-WRAP	Federal Signal DFC Push Bumper series with speaker mount screens, upper guard headlight wraps, lower guard pit bars, and four light channel (lights sold separately).	$2,725.00

F-SERIES WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00

ALAN JAY FLEET SALES

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Sourcewell Formerly NJPA

Awarded Contract

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$895.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00
W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00

LAW ENFORCEMENT SIDE

W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00
W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00
W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00
W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00
W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-2GAP-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (RED/BLUE).	$435.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00
W TLI2-2GAP-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2GAP-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper(BLUE/WHITE).	$435.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W 2230F-RBA	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-RBW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2230F-BA	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-BW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2240F-RBA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-RBW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2240F-BA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-BW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2250F-RBA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-RBW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,710.00
W 2250F-BA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-BW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,710.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W TLI2-2GATE-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GATE-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GATE-SMOKE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (RED/BLUE).	$900.00
W TLI2-4GATE-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2GAP-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00

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W TLI2-2GAP-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2GAP-SMOKE-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (RED/BLUE).	$450.00

FIRE / EMS REAR

W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W TLI2-2GATE-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/WHITE).	$435.00
W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-2GAP-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (RED/WHITE).	$435.00
W TLI2-2GAP-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00
W 2230F-RA	Whelen 2250 series DUO colored flat 30" end light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-RW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2240F-RA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-RW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2250F-RA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-RW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,710.00

ARGES / HOWLER

W ARGES1-F150-2	Dual Whelen Arges dedicated spot lamps with control head and F150 Utility specific driver and passenger Arges mounts.	$2,320.00
W HOWLER-F150	Whelen low frequency supplemental siren, with F150 mounting bracket.	$765.00
W ARGES1-F150-1	Whelen Arges dedicated spot lamp with control head with F150 Utility specific Arges mount.	$1,305.00

TRACERS

W TRACER60-DUO-F150-RBW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$1,805.00
W TRACER60-DUO-F150-BW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (BLUE/WHITE).	$1,805.00
W TRACER60-DUO-F150-RW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (RED/WHITE).	$1,805.00

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W TRACER60-DUO-F150-RWA	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (RED/AMBER WITH OVERRIDE TO WHITE).	$1,805.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-F150-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00
W EDGE2-ROT-F150-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-F150-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-F150-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-F150-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHI	$4,710.00
W LEGACY-CROT-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CHH-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

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W LEGACY-C21B-DT-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

LAW ENFORCEMENT UNMARKED PACKAGES

W SLICK1-HH-F150-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED/BLUE).	$3,500.00
W SLICK1-ROT-F150-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,205.00
W SLICK1-21B-F150-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,270.00
W SLICK1-HH-F150-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (BLUE).	$3,410.00
W SLICK1-ROT-F150-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,205.00
W SLICK1-21B-F150-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,270.00
W SLICK2-CHH-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-CHH-F150-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-DT-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-21B-DT-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/WHITE FRONT WITH OVERRIDE TO WHITE AND RED/WHITE REAR WITH OVERRIDE TO AMBER).	$5,760.00
W SLICK2-ROT-F150-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-F150-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$4,840.00

FIRE / EMS LIGHT BAR PACKAGES

W EDGE2-21B-F150-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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W LEGACY-CROT-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-F150-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LEGACY-C21B-DT-F150-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-F150-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00
W LIBERTY-OPTI-C21B-DT-F150-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

FIRE / EMS UNMARKED PACKAGES

W SLICK1-HH-F150-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED).	$3,920.00
W SLICK1-ROT-F150-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,205.00
W SLICK1-21B-F150-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,270.00
W SLICK2-CHH-F150-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-ROT-F150-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00
W SLICK2-21B-F150-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$4,840.00

F-SERIES FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00

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FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00
FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00
FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00
FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00

LAW ENFORCEMENT SIDE

FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00
FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00

FIRE / EMS SIDE

FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00
FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00

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FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00
FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00

LAW ENFORCEMENT REAR

FS MP2-2GATE-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$405.00
FS MP2-2GATE-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2HATCH-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$405.00
FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2TAG-BW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (BLUE/WHITE).	$440.00
FS MP2-2TAG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$440.00
FS MP2-4GATE-BW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$815.00
FS MP2-4GATE-RB	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (RED/BLUE).	$815.00
FS SML8-B	Federal Signal Latitude Signal Mater traffic advisor with (BLUE)LEDs.	$645.00
FS SML8-RB	Federal Signal Latitude Signal Mater traffic advisor with 1/2 (RED) and 1/2 (BLUE)LEDs.	$645.00
FS F150-DPIL-RBW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/BLUE/WHITE).	$2,000.00

FIRE / EMS REAR

FS MP2-2GATE-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2HATCH-RA	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$405.00
FS MP2-2LIC-RAW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$405.00
FS MP2-2TAG-RAW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$440.00
FS MP2-4GATE-RAW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$815.00
FS SML8-R	Federal Signal Latitude Signal Mater traffic advisor with (RED)LEDs.	$645.00
FS SML8-RW	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/WHITE)LEDs.	$645.00
FS SML8-RA	Federal Signal Latitude Signal Mater traffic advisor with alternating (RED/AMBER)LEDs.	$645.00
FS F150-DPIL-RAW	Federal Signal MicroPulse Ultra D-Pillar Lighting System with (6) Tri color micropulse LEDs and vehicle specific mounting bracket(RED/AMBER/WHITE).	$2,000.00

RUMBLER

FS F150-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$815.00

MIRROR

FS F150-MIR-MPS-2-RBW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/BLUE/WHITE).	$810.00
FS F150-MIR-MPS-2-RAW	Federal Signal vehicle specific under mirror mounted MicroPulse Wide Angle 9 Tri colored LED's (RED/AMBER/WHITE).	$810.00

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RUNNING BOARD LIGHT

FS DR6-F150-RBW	Federal Signal 72" Running board light with tri-colored lens (RED/BLUE/WHITE).	$2,990.00
FS DR6-F150-BAW	Federal Signal 72" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$2,990.00
FS DR6-F150-RAW	Federal Signal 72" Running board light with tri-colored lens (RED/AMBER/WHITE).	$2,990.00
FS DR6-SMOKE-F150-RBW	Federal Signal 72" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE)	$3,135.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

FS ALGT53-PHHS-F150-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-PHHS-F150-BWA	Federal Signal 53" Allegiant MAX LED Lightbar dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,810.00
FS ALGT53-P21-F150-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P21-F150-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-P17BRK-F150-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER)left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,380.00
FS ALGT53-P21-DT-F150-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P17BRK-DT-F150-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P17BRK-DT-F150-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-F150-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00

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FS ALGT53-PF400-DT-LF-F150-BWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS VALOR51-P21-F150-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P21-F150-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-F150-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-F150-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-F150-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-F150-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-F150-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-DT-F150-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-F150-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00

ALAN JAY FLEET SALES

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FS VALOR51-PF400-DT-LF-F150-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00

FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-P17BRK-DT-F150-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P21-DT-F150-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P21-F150-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$5,410.00
FS ALGT53-PF400-DT-LF-F150-RWA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS ALGT53-PF400Q-DT-LF-F150-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar TRI color w/sync capability (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,880.00
FS ALGT53-PHHS-F150-RWA	Federal Signal 53" Allegiant MAX LED Lightbar dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Handheld light and siren controller, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS VALOR51-P17BRK-DT-F150-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-F150-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-F150-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-F150-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 BUTTON PATHFINDER light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00

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FS VALOR51-PF400-DT-LF-F150-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,395.00
FS VALOR51-PF400Q-DT-LF-F150-RWGA	Federal Signal 51" Valor LED Lightbar, TRI Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 Button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,540.00

LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-F150-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-PHHS-F150-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-P21-F150-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,880.00
FS SLICK3-P21-F150-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,880.00
FS SLICK3-P17BRK-F150-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P17BRK-F150-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-F150-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P21-DT-F150-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-F150-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-P17BRK-DT-F150-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00
FS SLICK3-DPIL-P21-DT-F150-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal D-Pillar Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise light systems, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00

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FS SLICK3-DPIL-P21-DT-F150-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal D-Pillar Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise light systems, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-DPIL-P17BRK-DT-F150-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and Federal Signal D-Pillar Bracket Vehicle Specific including (6) Tri-Color (RED/BLUE/AMBER) MicroPulses, Full Cruise light systems, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DPIL-P17BRK-DT-F150-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and Federal Signal D-Pillar Bracket Vehicle Specific including (6) Tri-Color (BLUE/WHITE/AMBER) MicroPulses, Full Cruise light systems, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-F150-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$6,915.00
FS SLICK3-DUAL-P21-DT-F150-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$6,915.00
FS SLICK3-DUAL-P17BRK-DT-F150-RBWA	Federal Signal Spectralux tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/BLUE/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$6,985.00
FS SLICK3-DUAL-P17BRK-DT-F150-BWA	Federal Signal Spectralux tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (BLUE/WHITE/AMBER) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$6,985.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-PHHS-F150-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/WHITE/AMBER) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$3,895.00
FS SLICK3-P21-F150-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,860.00
FS SLICK3-P17BRK-F150-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,835.00
FS SLICK3-P21-DT-F150-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,555.00
FS SLICK3-P17BRK-DT-F150-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor package with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,525.00

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FS SLICK3-DPIL-P21-DT-F150-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal D-Pillar Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruiselight systems, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,735.00
FS SLICK3-DPIL-P17BRK-DT-F150-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and Federal Signal D-Pillar Bracket Vehicle Specific including (6) Tri-Color (RED/AMBER/WHITE) MicroPulses, Full Cruise light systems, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller with dual tones and/or Rumbler siren amp built in, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and expansion module.	$5,705.00
FS SLICK3-DUAL-P21-DT-F150-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 21 button light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$7,015.00
FS SLICK3-DUAL-P17BRK-DT-F150-RAW	Federal Signal Spectralux tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor, Full Cruise and Amber Traffic Advisor Functions, Federal Signal D-Pillar Complete System (6) (RED/AMBER/WHITE) MicroPulses, Shroud & Bracket, (2) harnesses and Expmod24 Expansion Module Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated 17 button and Rotary Knob light and siren controller, 100-watt SAE approved siren speaker with vehicle specific mounting bracket, Data cable, and 2nd expansion module.	$6,985.00

F-SERIES TROY CONSOLE & CAGES

CONSOLES

TP FSERIES-CON14	TROY PRODUCTS 14"console with 7" slope / 7" level faceplate area. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 3" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$995.00
TP FSERIES-WBCON16	TROY PRODUCTS 16" F150 wide-body console with 7" slope / 9' level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & cutouts to relocate OEM outlets. (No floorplate needed.)	$1,170.00
TP FSERIES-WBCON18-PRT	TROY PRODUCTS 20" F150 wide-body console with 7" slope / 13" level w/printer module in open storage area on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console. (No floorplate needed.)	$1,390.00
TP FSERIES-WBCON20	TROY PRODUCTS 20" F150 wide-body console with 7" slope / 13" level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console. (No floorplate needed.)	$1,210.00
TP FSERIES-WBCON16-FB	TROY PRODUCTS 16" F150 wide-body console with 7" slope / 9" level and open storage on side of console. Includes faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & Locking lidded file box that bolts to the rear of wide-body console with large leather pad. (No floorplate needed.)	$1,390.00
TP FSERIES-CON-OH	TROY PRODUCTS 7" overhead console for remote-head components.	$480.00

PARTITIONS

TP FSERIES-PART-FIX	TROY PRODUCTS fixed window all polycarbonate partition with pre-punched holes and weapon recess panel. Includes mounting kit & partition kick panels for F-Series pickups.	$1,540.00
TP FSERIES-PART-SLIDE	TROY PRODUCTS large window partition with sliding window, crawl-through barrier and weapon recess panel. Includes mounting kit & partition kick panels for F-series pickups.	$1,510.00

SEATS & CAGES

TP FSERIES-SEAT	TROY PRODUCTS plastic seat with Officer-Safe seatbelt system. Includes cab rear window screen.	$3,405.00
TP FSERIES-1/2CAGE	TROY PRODUCTS F-150 single cell transport system with removable center panel, seat storage box, cab window screen, cab rear wall panel and passenger side diamond pattern window screen. (Note: Requires removal of entire rear seat.)	$4,995.00
TP FSERIES-SWB	TROY PRODUCTS driver & passenger side diamond-punched window guards WITH Rear window screen, diamond-punched.	$595.00
TP FSERIES-DP-SET	TROY PRODUCTS F-150 DRIVER AND PASSENGER DOOR PANEL SET.	$395.00

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TP F150 1/2CAGE OPTIONS	TROY PRODUCTS F150 single-cell optional floor mount, 1 hinged lid storage box, 1 sliding drawer storage box for driver side.	$2,480.00

COMPUTER STANDS

TP FSERIES-COMP-SA	TROY PRODUCTS 2019 F-Series stand alone passenger seat mount computer stand with swing arm (DOCKING STATION NOT INCLUDED).	$670.00
TP FSERIES-COMP-SL	TROY PRODUCTS 2019 F-Series stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$785.00
TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

FREE STANDING GUN MOUNT

TP F150-GM-FREE	TROY PRODUCTS free-standing dual-weapon gun mount for the F150 PPV/SSV, required for applications where a front partition is not present.	$1,100.00

F-SERIES SETINA CONSOLE & CAGES

PARTITIONS

SET FSERIES-R-PART-10VS	Setina 10VS C RESESSED panel prisoner cage with uncoated polycarbonate, vinyl coated expanded metal window security screen, and lower extension panels.	$1,835.00

SEATS & CAGES

SET FSERIES-1/2CAGE	Setina 6VS single prisoner transport cage, coated polycarbonate with OEM rear seat.	$2,245.00
SET FSERIES-DOOR	Setina door panels, F150 ONLY.	$610.00
SET FSERIES-SWB	Setina HORIZONTAL window armor bars, F150 ONLY.	$625.00

FREE STANDING GUN MOUNT

SET FSERIES-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$660.00

GUN BOXES

SET FSERIES-GBOX-US	Setina under seat storage box, powder coated black.	$1,465.00

F-SERIES PROGARD CONSOLE & CAGES

PARTITIONS

PG FSERIES-PART	Pro-Gard poly prisoner cage with center slider window includes expanded metal insert and full extention panels (F150 ONLY)	$1,770.00

SEATS & CAGES

PG FSERIES-1/2CAGE	Pro-Gard single compartment prisoner cage Pro-cell, ½ Partition with OEM rear seat.	$2,845.00
PG FSERIES-DOOR	Pro-Gard door panels, F150 ONLY.	$390.00
PG FSERIES-SWB	Pro-Gard window armor bars, F150 ONLY.	$550.00

F-SERIES HAVIS CONSOLE & COMPUTER MOUNTS

HAV FSERIES-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,035.00
HAV FSERIES-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$760.00
HAV FSERIES-CON18	Havis 18"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,115.00

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HAV FSERIES-CON30	Havis 30"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,230.00

F-SERIES VAULT/GUN BOX

TROY PRODUCTS

TP FSERIES-USGB	TROY PRODUCTS under seat flip up lid gun box with mounting brackets (fits under rear fold up seat).	$1,085.00

FORD F-SERIES K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

HAVIS MOUNTS

HAV FSERIES-K9	Havis K9 Transport system powder coated white.	$6,825.00

ACE K9

AK9 HA-2520	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$3,500.00
AK9 HP-5020	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$4,340.00
AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00
AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00

RAM BALLISTICS

ANGEL ARMOR

AA RAM-3A-D	ANGEL ARMOR LEVEL IIIa FRONT DRIVER DOOR FOR (2019+RAM) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00
AA RAM-3A-P	ANGEL ARMOR LEVEL IIIa FRONT PASSENGER DOOR FOR (2019+RAM) INCLUDES FREIGHT AND INSTALLATION.	$1,215.00

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RAM PUSH BUMPERS

PROGARD

PG RAM-PB	Pro-Gard push bumper.	$1,000.00

SETINA

SET RAM-PB	Setina push bumper.	$1,060.00
SET RAM-PB450L2	Setina lighted push bumper with (2) forward facing ION LED lights, installed.	$1,740.00
SET RAM-PB450L4	Setina lighted push bumper with (2) forward facing LED lights & (2) side facing LED lights, installed.	$2,060.00

RAM WHELEN LIGHTING

LAW ENFORCEMENT FRONT

W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$865.00
W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (ONE RED/WHITE AND ONE BLUE/WHITE).	$435.00
W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$870.00
W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$950.00
W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$465.00
W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$435.00
W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$435.00
W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$435.00
W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,350.00
W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$475.00
W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$950.00
W TLI2X-2GL-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-4GL-SMOKE-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (Two RED/WHITE & Two BLUE/WHITE).	$900.00
W TLI2X-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00

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W TLI2X-2GL-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2FOG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-2PB-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2X-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille with smoked lenses (BLUE/WHITE).	$895.00
W TLI2X-2FOG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position with smoked lenses (ONE RED/WHITE AND ONE BLUE/WHITE).	$450.00
W HLF-TLF-CORE	CORE TO FLASH HEAD LIGHTS AND TAIL LIGHTS (MAY REQUIRE EXPANSION MODULE)	$155.00

FIRE / EMS FRONT

W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$595.00
W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$435.00
W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$675.00
W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$435.00
W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,350.00
W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$475.00
W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$950.00

LAW ENFORCEMENT SIDE

W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$565.00
W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$460.00
W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$925.00
W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$870.00
W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$540.00
W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$950.00
W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$525.00
W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$460.00
W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$925.00
W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$870.00
W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$540.00
W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$950.00

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W VX2-2FB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/BLUE) - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RB	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/BLUE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-BW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (BLUE/WHITE). - REQUIRES CONTROLLER	$435.00

FIRE / EMS SIDE

W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$460.00
W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$925.00
W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$870.00
W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$540.00
W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$575.00
W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$950.00
W VX2-2FB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RW	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/WHITE). - REQUIRES CONTROLLER	$435.00
W VX2-2FB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower front bumper shroud forward of front tire (RED/AMBER). - REQUIRES CONTROLLER	$435.00
W VX2-2RB-RA	(2) Whelen VX-Series DUAL color ultra thin light push in style LED light heads mounted (1) per side to lower rear bumper shroud aft of rear tire (RED/AMBER). - REQUIRES CONTROLLER+C2	$435.00

LAW ENFORCEMENT REAR

W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$435.00
W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$475.00
W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$870.00
W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$540.00
W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$435.00
W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$435.00
W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$475.00
W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$435.00
W TLI2-2GAP-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (RED/BLUE).	$435.00
W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$870.00

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W TLI2-2GAP-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (One RED/WHITE & One BLUE/WHITE).	$435.00
W TLI2-2GAP-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper(BLUE/WHITE).	$435.00
W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$540.00
W TLI3-2TAG-RBW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/BLUE/WHITE).	$540.00
W TLI3-2TAG-BAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO BLUE/AMBER/WHITE).	$540.00
W 2230F-RBA	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-RBW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2230F-BA	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-BW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2240F-RBA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-RBW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2240F-BA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-BW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2250F-RBA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/AMBER - BLUE/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-RBW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/WHITE - BLUE/WHITE) - REQUIRES CONTROLLER	$1,710.00
W 2250F-BA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (BLUE/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-BW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (BLUE/WHITE) - REQUIRES CONTROLLER	$1,710.00
W TLI2-2LIC-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2LIC-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2TAG-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$490.00
W TLI2-2TAG-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket with smoked lenses (BLUE/WHITE).	$490.00
W TLI2-2GATE-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GATE-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-4GATE-SMOKE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (RED/BLUE).	$900.00

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W TLI2-4GATE-SMOKE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate with smoked lenses (BLUE/WHITE).	$900.00
W TLI2-2GAP-SMOKE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (One RED/WHITE & One BLUE/WHITE).	$450.00
W TLI2-2GAP-SMOKE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (BLUE/WHITE).	$450.00
W TLI2-2GAP-SMOKE-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper with smoked lenses (RED/BLUE).	$450.00

FIRE / EMS REAR

W TLI2-2HATCH-RA	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$435.00
W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$440.00
W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$475.00
W TLI2-2GATE-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/WHITE).	$435.00
W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-2GAP-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (RED/WHITE).	$435.00
W TLI2-2GAP-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted in gap between tail gate and bumper (One RED/WHITE & One AMBER/WHITE).	$435.00
W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$870.00
W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$540.00
W TLI3-2TAG-RAW	(2) Whelen T-Series TRIO color ultra thin light mounted on a tag bracket (TWO RED/AMBER/WHITE).	$540.00
W 2230F-RA	Whelen 2250 series DUO colored flat 30" end light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,180.00
W 2230F-RW	Whelen 2250 series DUO colored flat end 30" light stick with 6 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,180.00
W 2240F-RA	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,440.00
W 2240F-RW	Whelen 2250 series DUO colored flat end 40" light stick with 8 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,440.00
W 2250F-RA	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/AMBER) - REQUIRES CONTROLLER	$1,710.00
W 2250F-RW	Whelen 2250 series DUO colored flat end 50" light stick with 10 T-series light heads to used in rear window glass or exterior mount (RED/WHITE) - REQUIRES CONTROLLER	$1,710.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

W EDGE2-HH-RAM-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$3,475.00
W EDGE2-ROT-RAM-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

W EDGE2-21B-RAM-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-ROT-RAM-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W EDGE2-21B-RAM-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CHH-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-C21B-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00

FIRE / EMS LIGHT BAR PACKAGES

W EDGE2-21B-RAM-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$4,745.00
W LEGACY-CHH-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00

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W LEGACY-C21B-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,710.00
W LEGACY-CROT-DT-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-C21B-DT-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,630.00
W LEGACY-CROT-DT-RAM-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LEGACY-C21B-DT-RAM-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$5,630.00
W LIBERTY-OPTI-CROT-DT-RAM-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00
W LIBERTY-OPTI-C21B-DT-RAM-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with mounting brackets (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER & RED/GREEN CORNERS).	$7,410.00

RAM FED-SIG LIGHTING

LAW ENFORCEMENT FRONT

FS MP2-2FOG-BW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (BLUE/WHITE).	$405.00
FS MP2-2FOG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2GL-BW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$405.00
FS MP2-2GL-RBW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2PB-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$405.00
FS MP2-2PB-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-4GL-BW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (BLUE/WHITE).	$600.00
FS MP2-4GL-RBW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$600.00

FIRE / EMS FRONT

FS MP2-2FOG-RW	(2) Federal Signal MicroPulse ultra thin light mounted in the fog light position (RED/WHITE).	$405.00
FS MP2-2GL-RW	(2) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$405.00
FS MP2-2PB-RW	(2) Federal Signal MicroPulse ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$405.00
FS MP2-4GL-RW	(4) Federal Signal MicroPulse ultra thin light mounted in grille (RED/WHITE).	$600.00

ALAN JAY FLEET SALES

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ALL PRICES INCLUDE FREIGHT AND INSTALLATION

LAW ENFORCEMENT SIDE

FS FM2-PUSH-4-BW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (BLUE/WHITE).	$915.00
FS FM2-PUSH-4-RB	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing(RED/BLUE).	$730.00
FS MP2-2RD-BW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RD-RB	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$435.00
FS MP2-2RQG-BW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$435.00
FS MP2-2RQG-RB	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$435.00
FS MP2-4RQG-BW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$875.00
FS MP2-4RQG-RB	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$875.00
FS MP2-4WW-BW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$815.00
FS MP2-4WW-RB	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/BLUE).	$815.00

FIRE / EMS SIDE

FS FM2-PUSH-4-RW	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/WHITE).	$730.00
FS FM2-PUSH-4-RA	(4) Federal Signal flush mount dual-color perimiter warning light mounted lower front and rear quarters in bumper shroud side facing (RED/AMBER).	$730.00
FS MP2-2RD-RW	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RD-RA	(2) Federal Signal MicroPulse ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RW	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-2RQG-RA	(2) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$435.00
FS MP2-4RQG-RW	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$875.00
FS MP2-4RQG-RA	(4) Federal Signal MicroPulse ultra thin light mounted rear quarter glass with L-brackets (RED/AMBER).	$875.00
FS MP2-4WW-RW	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/WHITE).	$815.00
FS MP2-4WW-RA	(4) Federal Signal MicroPulse ultra thin light mounted (1) over each wheel well (RED/AMBER).	$815.00

LAW ENFORCEMENT REAR

FS MP2-2GATE-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$405.00
FS MP2-2GATE-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2HATCH-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$405.00
FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2TAG-BW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (BLUE/WHITE).	$440.00
FS MP2-2TAG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$440.00

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FS MP2-2HATCH-RB	(2) Federal Signal MicroPulse ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$405.00
FS MP2-2LIC-BW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$405.00
FS MP2-2LIC-RBW	(2) Federal Signal MicroPulse ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$405.00
FS MP2-2TAG-BW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (BLUE/WHITE).	$440.00
FS MP2-2TAG-RBW	(2) Federal Signal MicroPulse ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$440.00
FS MP2-4GATE-BW	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (BLUE/WHITE).	$815.00
FS MP2-4GATE-RB	(4) Federal Signal MicroPulse ultra thin light surface mounted to tail gate (RED/BLUE).	$815.00
FS SML8-B	Federal Signal Latitude Signal Mater traffic advisor with (BLUE)LEDs.	$645.00
FS SML8-RB	Federal Signal Latitude Signal Mater traffic advisor with 1/2 (RED) and 1/2 (BLUE)LEDs.	$645.00

RUMBLER

FS RAM-RUMBLER	Federal Signal RUMBLER low frequency speakers for use with sirens with integrated Rumbler capability	$815.00

RUNNING BOARD LIGHT

FS DR6-RAM-RBW	Federal Signal 72" Running board light with tri-colored lens (RED/BLUE/WHITE).	$2,660.00
FS DR6-RAM-BAW	Federal Signal 72" Running board light with tri-colored lens (BLUE/AMBER/WHITE).	$2,660.00
FS DR6-RAMRAW	Federal Signal 72" Running board light with tri-colored lens (RED/AMBER/WHITE).	$2,660.00
FS DR6-SMOKE-RAM-RBW	Federal Signal 72" Running board light with tri-colored SMOKED lens (RED/BLUE/WHITE)	$2,790.00

LAW ENFORCEMENT LIGHT BAR PACKAGES

FS ALGT53-P21-DT-RAM-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-P17BRK-DT-RAM-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P17BRK-DT-RAM-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-PF400-DT-LF-RAM-RBWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS ALGT53-PF400-DT-LF-RAM-BWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00

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FS VALOR51-P21-RAM-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,100.00
FS VALOR51-P21-RAM-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-P17BRK-RAM-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P17BRK-RAM-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-RAM-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-DT-RAM-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P17BRK-DT-RAM-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-DT-RAM-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-PF400-DT-LF-RAM-RBWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED/BLUE WITH OVERRIDE TO WHITE AND REAR RED/BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400-DT-LF-RAM-BWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT BLUE WITH OVERRIDE TO WHITE AND REAR BLUE WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00

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FIRE / EMS LIGHT BAR PACKAGES

FS ALGT53-P17BRK-DT-RAM-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,945.00
FS ALGT53-P21-DT-RAM-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, expansion module, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$5,975.00
FS ALGT53-PF400-DT-LF-RAM-RWA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,735.00
FS ALGT53-PF400Q-DT-LF-RAM-RWGA	Federal Signal 53" Allegiant MAX LED Lightbar, dual color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) left flood, right flood, full flood capability, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$7,880.00
FS VALOR51-P17BRK-DT-RAM-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$6,880.00
FS VALOR51-P17BRK-RAM-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 17 button and Rotary Knob Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,040.00
FS VALOR51-P21-DT-RAM-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and dual tone siren controller, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speaker with vehicle specific mounting brackets.	$6,910.00
FS VALOR51-P21-RAM-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder can bus integrated 21 button Pathfinder light and siren controller, vehicle specific ODBII interface cable, expansion module, and 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$6,070.00
FS VALOR51-PF400-DT-LF-RAM-RWA	Federal Signal 51" Valor LED Lightbar, TRI Color (FRONT RED WITH OVERRIDE TO WHITE AND REAR RED WITH OVERRIDE TO AMBER) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,095.00
FS VALOR51-PF400Q-DT-LF-RAM-RWGA	Federal Signal 51" Valor LED Lightbar, TRI Color (RED/WHITE FRONT, RED/GREEN CORNERS, RED/AMBER REAR) full with white flood capability, Solaris™ optics equipped standard flashing and/or steady burning takedown and alley assemblies, rear amber traffic advisor and 5-year warranty on LED components, vehicle specific hook kit, Pathfinder 400 Q-TONE can bus integrated 17 button and Rotary Knob Pathfinder light and Dual Tone siren controller with pair of Rumbler low frequecy speakers, vehicle specific ODBII interface cable, (2) expansion modules, and (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets.	$8,235.00

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LAW ENFORCEMENT UNMARKED PACKAGES

FS SLICK3-PHHS-RAM-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear CN Signal master package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS SLICK3-PHHS-RAM-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/AMBER) rear CN Signal master package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS SLICK3-P21-RAM-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,915.00
FS SLICK3-P21-RAM-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,915.00
FS SLICK3-P17BRK-RAM-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,885.00
FS SLICK3-P17BRK-RAM-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,885.00
FS SLICK3-P21-DT-RAM-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,605.00
FS SLICK3-P21-DT-RAM-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,605.00
FS SLICK3-P17BRK-DT-RAM-RBWA	Federal Signal Spectralux ILS tri color (RED/BLUE/WHITE) front visor and (RED/BLUE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,580.00
FS SLICK3-P17BRK-DT-RAM-BWA	Federal Signal Spectralux ILS tri color (BLUE/WHITE) front visor and (BLUE/WHITE/AMBER) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,580.00

FIRE / EMS UNMARKED PACKAGES

FS SLICK3-PHHS-RAM-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER) rear CN Signal master package with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, hand held light and siren controller , (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket.	$4,170.00
FS SLICK3-P21-RAM-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 21 button light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,915.00
FS SLICK3-P17BRK-RAM-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, 100/200-watt programmable, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller (dual tone siren capable with additional speaker purchase), (1) 100-watt SAE approved siren speaker with vehicle specific mounting bracket, and Data cable.	$4,885.00
FS SLICK3-P21-DT-RAM-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 21 button light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,605.00

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FS SLICK3-P17BRK-DT-RAM-RAW	Federal Signal Spectralux ILS tri color (RED/AMBER/WHITE) front visor and (RED/AMBER/WHITE) rear visor warning light with amber traffic advisor functions, Federal Signal 200-watt Dual Tone, Full-Feature CAN bus integrated, 17 button and Rotary Knob light and siren controller, (2) 100-watt SAE approved siren speakers with vehicle specific mounting brackets, and Data cable.	$5,580.00

RAM TROY CONSOLE & CAGES

CONSOLES

TP RAM-CON14	TROY PRODUCTS 14"console 2019 (CLASSIC) with 7" slope / 7" level faceplate area. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 3" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$995.00
TP RAM-WBCON16	TROY PRODUCTS 16" wide-body console 2019 (CLASSIC) with 8" slope/8" level faceplate area and open storage on side of console. Includes floorplate and faceplates, 4" dual cup internal beverage holder, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & height adjustable swivel arm rest with 5"x8" foam pad that bolts to the rear of console.	$1,185.00
TP RAM-WBCON16-FB	TROY PRODUCTS 16" wide-body console 2019 (CLASSIC) with 8" slope / 8" level and open storage on side of console. Includes floorplate and faceplates, 4" shallow console tray, (2) DC outlets & (1) dual-port USB module, & Locking Lidded file box that bolts to the rear of wide-body console with large leather pad.	$1,375.00

PARTITIONS

TP RAM-PART-FIX	TROY PRODUCTS fixed window 2019 (CLASSIC) all polycarbonate partition with pre-punched holes and weapon recess panel. Includes mounting kit & partition kick panels for RAM pickups.	$1,535.00
TP RAM-PART-SLIDE	TROY PRODUCTS large window partition 2019 (CLASSIC) with sliding window, crawl-through barrier and weapon recess panel. Includes mounting kit & partition kick panels for RAM pickups.	$1,505.00

SEATS & CAGES

TP RAM-SWB	TROY PRODUCTS 2019 (CLASSIC) driver & passenger side diamond-punched window guards WITH Rear window screen, diamond-punched.	$590.00

COMPUTER STANDS

TP RAM-COMP-SA	TROY PRODUCTS 2019 (CLASSIC) stand alone passenger seat mount computer stand with swing arm (DOCKING STATION NOT INCLUDED).	$690.00
TP RAM-COMP-SL	TROY PRODUCTS 2019 (CLASSIC) stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$820.00
TP COMP-UNIV-SA	TROY PRODUCTS computer mount with easy one-handed operation and swing arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$460.00
TP COMP-UNIV-SL	TROY PRODUCTS computer mount with easy one-handed operation and slide arm, bolts to troy console. (DOCKING STATION NOT INCLUDED).	$600.00

RAM SETINA CONSOLE & CAGES

PARTITIONS

SET RAM-R-PART-10VS	Setina 10VS C RESESSED panel prisoner cage with uncoated polycarbonate, vinyl coated expanded metal window security screen, and lower extension panels.	$1,835.00

SEATS & CAGES

SET RAM-1/2CAGE-CREW	Setina 6VS single prisoner partition coated polycarbonate partition for RAM crew cab.	$3,900.00
SET RAM-DOOR	Setina door panels.	$485.00
SET RAM-SWB-CREW	Setina VS steel vertical crew cab window barrier compatible with stock door panels.	$645.00
SET RAM-SWB-QUAD	Setina VS steel vertical quad cab window barrier compatible with stock door panels.	$645.00

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FREE STANDING GUN MOUNT

SET RAM-FREE	Setina free standing gunlock kit, requires gun lock (purchased separately).	$550.00

RAM PROGARD CONSOLE & CAGES

PARTITIONS

PG RAM-PART	Pro-gard partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,770.00

SEATS & CAGES

PG RAM-SWB	Pro-Gard steel window bars (for use with O.E.M. door panels only).	$530.00

RAM HAVIS CONSOLE & COMPUTER MOUNTS

HAV RAM-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,050.00
HAV RAM-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$790.00
HAV RAM-CON22	Havis vehicle specific 22"L x 10"H console includes (2) 12V outlets, USB/AUX relocation plate, (1) built in accessory pocket, (2) cupholders, side mount arm rest, and necessary blanks.	$1,270.00

RAM K9

AMERICAN ALUMINUM

AA 1/3-2/3	American Aluminum 1/3 inmate & 2/3 K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$5,095.00
AA EZ RIDER	American Aluminum Platform K9 system includes rubber mat, matte black powder coat & white interior cage light. Vehicle specific kennel manufacturered from heavy gauge aluminum designed for easy cleaning and officer comfort, installed.	$4,455.00
AA R-DIVIDE	American Aluminum removable divider for EZ RIDER platform.	$805.00
AA RUBBER	American Aluminum additional vehicle specific rubber mat (K9 systems include rubber mat).	$245.00
AA WATER	American Aluminum permanent mount spill resistant water dish with 1 gallon capacity.	$205.00
AA CG-PLUS	American Aluminum EZ COOL GUARD PLUS M910 includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard (Coolguard ONLY, this does not include the Rescue Door Opener) .	$3,855.00
AA CG-PLUS-R	American Aluminum EZ COOL GUARD PLUS M910 with RESCUE ADD ON includes: Cool Guard Plus only, Cool Guard Control Head (TS display), Paw Protect, (2) Temp Probes w/ temp and humidity, Pedestal kit, All associated wire harnesses for CGP, 30A Fuse and In-line Fuse Holder, Pager, Fan and Fan guard.	$5,990.00

ACE K9

AK9 HA-2520	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for heat alarm pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$3,500.00
AK9 HP-5020	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and remote pager module for hot-n-pop pro, roof mount 10" fiberglass mast antenna, NMO mount, coax cable, and coupler box.	$4,340.00
AK9 HA-2520-AWD	K9 HEAT ALARM® PRO temperature alarm system includes horn activation, siren activation, light activation and dual window drop. Includes no K9 left behind, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html	$4,080.00

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AK9 HP-5020-AWD	Ace K9 K9 Hot-N-Pop® PRO temperature alarm & door opening system includes horn activation, siren activation, light activation, dual window drop and one door pop remote with holster. Includes no K9 left behins, engine stall sensor, optional 10" fan with guard, smoke detector, and Ace WatchDog Unit hardware that plugs into Pro Alarm systems. AceWatchDog Server Service is $168.00 Per Year and the First Year is Included with New Unit. More Info: www.acek9.com/awd.html.	$4,895.00

RAM GFX

GFX RAM-800mHz	RAM 1500 SSV 0-1000 MHZ ANTENNA NO-CONNECTOR	$195.00
GFX RAM-ANT-MULTI	RAM 1500 SSV MULTI BAND ANTENNA CABLE-MINI UHF	$0.00
GFX RAM-ARGES1	RAM 1500 SSV WHELEN ARGESDriver's side - Procleara Lens, paddle control with 3 buttons, LED, and fender mount.	$1,330.00
GFX RAM-ARM-BROTHER	RAM 1500 SSV BROTHER ARMREST MOUNT PRINTERReplaces standard tilt/swivel arm rest with Havis C-ARPB-114 compatible with Brother 6 & 7Pocket Jet roll-feed printers.	$365.00
GFX RAM-ATB	RAM 1500 SSV CROSS BODY TOOL BOXWeatherguard Saddle Box 21" wide, aluminum treadplate, clear Armor Tuf® powder coat finish,can be keyed alike for fleet.	$1,260.00
GFX RAM-BAKFLIP-MX4-LB	RAM 1500 SSV TONNEAU COVER – 5' 7" BOXBakFlip MX4 Hard Folding Tonneau Cover – Full bed access, upgraded side rails, auto-latching siderails that automatically lock the MX4's panels to prevent prying, and matte black finish. Supports400lbs on top (evenly distributed) 5-year Warranty.	$2,120.00
GFX RAM-BED-SLIDE-1000	RAM 1500 SSV BED SLIDE CLASSIC 1000Bed Slide Bed Cargo System. Full pull out bed slide with 1000lbs capacity.	$2,180.00
GFX RAM-BR###-TONNEAU	RAM 1500 SSV HEADACHE RACK – 5' 7" BOXBack Rack Headache Rack – Black powder coat finish, compatible with Tonneau Cover.	$510.00
GFX RAM-BR15###TB	RAM 1500 SSV HEADACHE RACK – 5' 7" BOXBack Rack Headache Rack – Black powder coat finish, compatible with Tool Box.	$510.00
GFX RAM-CORE-21B	RAM 1500 SSV WHELEN CORE SYSTEM -21- Button ControllerAll the features of the Core Siren System with GFX's Plug & Play integration with RDT-EAPEC1A Wire Harness and PDC. Our Plug & Play System eliminates soldiering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Door Open • Weapon Lock Output • Load Management • Back Lighting • Day/Night Lighting • Flash Pattern Control • Front & Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/Microphone	$1,680.00
GFX RAM-CORE-CHH	RAM 1500 SSV WHELEN CORE SYSTEM -14- Button hand held controller with microphoneAll the features of the Core Siren System with GFX's Plug & Play integration with RDT-EAPEC1A Wire Harness and PDC. Our Plug & Play System eliminates soldiering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Door Open • Weapon Lock Output • Load Management • Back Lighting • Day/Night Lighting • Flash Pattern Control • Front & Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/Microphone	$1,680.00
GFX RAM-CORE-ROT	RAM 1500 SSV WHELEN CORE SYSTEM -13- Button with Rotary Knob & 4 Position SlideAll the features of the Core Siren System with GFX's Plug & Play integration with RDT-EAPEC1A Wire Harness and PDC. Our Plug & Play System eliminates soldiering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Door Open • Weapon Lock Output • Load Management • Back Lighting • Day/Night Lighting • Flash Pattern Control • Front & Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/Microphone	$1,680.00
GFX RAM-DECKED	RAM 1500 SSV DECKED TRUCK BED STORAGE SYSTEMUltra-rugged full bed length, dual drawer, weatherproof, and tie downs.	$2,275.00
GFX RAM-DONGLE	RAM 1500 SSV PITCH BLACK DONGLEProvides additional black out features. Entire dash goes dark, brake & reverse lights are disabled.All lights reactivate at 15-mph. Customer must install and sign waiver.	$85.00
GFX RAM-HARNESS-EXO	RAM 1500 SSV WIRE HARNESS & POWER DISTRIBUTION CENTER - EXOHarness provides power for camera, computer, siren system, radio, modem/cradlepoint, radar,ticket printer, and lightbars, with both B+ and ignition where needed. Lighting circuits are routedthroughout the vehicle for easy connection at the most popular lighting locations. Chassis groundpoints are extended to console. Power Distribution Center provides single point access to all fusesand relays for Emergency Equipment.	$2,165.00

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GFX RAM-HAV-CGX	RAM 1500 SSV BATTERY DISCHARGE PROTECTION TIMERFeatures Havis Charge Guard Electrical Monitoring & Protection with adjustable timer.	$285.00
GFX RAM-HAV-COMP-MOUNT	RAM 1500 SSV HAVIS CONSOLE EQUIPMENT LAPTOP MOUNT WITH SWING ARMMates to R-IHCCE1 providing motion device, tilt swivel and external mount heavy-duty ComputerMount Pole. Call GFX Law for additional docking and other Computer Mounting Systems.	$545.00
GFX RAM-HAV-CON24	RAM 1500 SSV HAVIS 24" RAM SPECIFIC CONSOLEFeatures 24" of mounting space, includes fill plates to enclose top, includes cup holder and 2 sidemount arm rests.	$1,400.00
GFX RAM-HAV-K9	RAM 1500 SSV RAM 1500 SSV K-9 SYSTEMHavis Single Dog System with under Kennel Drawer System for electronics. Cool Guard plus TempMonitoring System with window roll down and Pager System.	$12,315.00
GFX RAM-INNER-FST-SOLO-RB	RAM 1500 SSV FRONT VISOR MOUNTED WHELEN FST INNER EDGE – 10 LAMP WCXFeatures WeCanX programming capability, Takedown, Driver: Red & Passenger: Blue SOLOLED Lightheads.	$1,290.00
GFX RAM-INNER-XLP-DUO-RBW	RAM 1500 SSV FRONT VISOR MOUNTED WHELEN XLP INNER EDGE – 12 LAMP DUO WCXFeatures WeCanX programming capability, Driver: Red/White & Passenger: Blue/WhiteDUO LED Lightheads.	$2,135.00
GFX RAM-K9-DPOP	RAM 1500 SSV DOOR POP RESCUE SYSTEMAllows passenger side rear door to be automatically opened for K9 deployment. Release fob has upto ¼ mile range.	$1,325.00
GFX RAM-LEG54-SOLO-RB	RAM 1500 SSV ROOF MOUNTED 54" WHELEN LEGACY SOLO WCXFeatures WeCanX programming capability, Alley, Takedown, Photocell, Driver: Red & Passenger:Blue SOLO LED Lightheads.	$2,740.00
GFX RAM-LEG54-SOLO-RBA	RAM 1500 SSV ROOF MOUNTED 54" WHELEN LEGACY DUO WCXFeatures WeCanX programming capability, Alley, Takedown, Photocell, Front: Red/White& Blue/White, Rear: Red/Amber & Blue/Amber DUO LED Lightheads.	$3,515.00
GFX RAM-LIB54-DUO-RB	RAM 1500 SSV ROOF MOUNTED 54" WHELEN LIBERTY II DUO™ WCXFeatures WeCanX programming capability, Alley, Takedown, Photocell, Front: Red/White &Blue/White, Rear: Red/Amber & Blue/Amber DUO LED Lightheads.	$0.00
GFX RAM-LIB54-SOLO-RB	RAM 1500 SSV ROOF MOUNTED 54" WHELEN LIBERTY II SOLO™ WCXFeatures WeCanX programming capability, Alley, Takedown, Photocell, Driver: Red & Passenger:Blue SOLO LED Lightheads.	$3,475.00
GFX RAM-MOTO-2PC-TRANS	RAM 1500 SSV PRE-WIRED MOTOROLA REMOTE MOUNT TRANSFER KITContains HKN4191B, HKN6188B & HKN6168B cabling and connectors compatible with MotorolaAPX and XTL two-piece radios.	$445.00
GFX RAM-MOTO-SPEAKER	RAM 1500 SSV PRE-WIRED MOTOROLA REMOTE SPEAKER KITConsole mounted with equipment bracket for clear unobstructioned sound.	$235.00
GFX RAM-NOISE-I6	RAM 1500 SSV -I6- GROUND PACKAGE & ENGINE NOISE SUPPRESSIONFeatures grounding straps on Engine Block (1), Exhaust System (3), Hood (1), and Tailgate (1).	$635.00
GFX RAM-NOISE-V6	RAM 1500 SSV -V6- GROUND PACKAGE & ENGINE NOISE SUPPRESSIONFeatures grounding straps on Engine Block (1), Exhaust System (3), Hood (1), and Tailgate (1).	$635.00
GFX RAM-PART-10VS	RAM 1500 SSV SETINA 10-VS STEEL PARTITION WITH POLYCARBONATE WINDOWFeatures sliding coated polycarbonate window with vinyl coated expanded metal security screenwith 3" document slot.	$1,435.00
GFX RAM-PLOCK	RAM 1500 SSV PARK LOCK WITH CANbus OUTPUTSPark Lock disables the transmission shift when the key fob is not in the vehicle. Automatic engageand disengage, no operator input needed. CANbus Outputs provide vehicle signals with yourSiren System.	$945.00
GFX RAM-SA315P-2PB	RAM 1500 SSV DUAL 100W PUSH BUMPER MOUNTED WHELEN SA315P SIREN SPEAKERS	$730.00
GFX RAM-SA315P-GM	RAM 1500 SSV SINGLE 100W INTERNAL MOUNTED WHELEN SA315P SIREN SPEAKERAND WHELEN BRACKETREQUIRES XEA TOW HOOKS	$475.00
GFX RAM-SA315P-PB	RAM 1500 SSV SINGLE 100W PUSH BUMPER MOUNTED WHELEN SA315P SIREN SPEAKER	$475.00
GFX RAM-SENTRY	RAM 1500 SSV SENTRY PROTECTION WITH INTELLIGENT SWITCH FUNCTIONProvides rear of vehicle monitoring via Blind Spot Monitors and Rear Parking Sensors. If movement isdetected, backup camera activates, reverse lights illuminate, additional output that can trigger otherlights or warning systems is included. Intelligent Switch Function allows the Cruise Control switchesto operate lights, push to talk, or other features without removing hands from wheel.	$655.00
GFX RAM-SET-DWM	RAM 1500 SSV SETINA DUAL WEAPON LOCK T-RAIL – 1 XL HANDCUFF & 1 SM CLAMPWITH CUT KEYPartition mounted for two rifles and/or shotguns. For more options, please contact GFX LAW.	$865.00

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GFX RAM-SET-DWM-HC	RAM 1500 SSV SETINA DUAL WEAPON LOCK T-RAIL – 1 XL HANDCUFF & 1 SM CLAMPWITH HANDCUFF KEYPartition mounted for two rifles and/or shotguns. For more options, please contact GFX LAW.	$865.00
GFX RAM-SET-PB400	RAM 1500 SSV SETINA PB400 PUSH BUMPERFeatures high strength aircraft grade aluminum and replaceable push pads.	$770.00
GFX RAM-SET-PB450L4-RBW	RAM 1500 SSV SETINA PB450L4 PUSH BUMPER WITH WHELEN ION LIGHTS – RED/BLUE (4)Features high strength aircraft grade aluminum and replaceable push pads. With two TRIO Lightsrecess mounted in top cross bar and two TRIO Lights mounted in side plates. Includes IndependentLight Head Control.	$1,405.00
GFX RAM-SET-SWM	RAM 1500 SSV SETINA SINGLE WEAPON LOCK T-RAIL – 1 XL WITH CUT KEYPartition mounted for a single rifle or shotgun. For more options, please contact GFX LAW.	$630.00
GFX RAM-SET-SWM-HC	RAM 1500 SSV SETINA SINGLE WEAPON LOCK T-RAIL – 1 XL WITH HANDCUFF KEYPartition mounted for a single rifle or shotgun. For more options, please contact GFX LAW.	$630.00
GFX RAM-SSV-PREP	RAM 1500 SSV PREP PACKAGEL.E.D. red/white 6” Dome Light• Upfiting Wire Harness with Fuse Block • (3) 20-amp ignition • (3) 20-amp Battery Circuits available in cab • Black Ops Blackout System - Reduces interior lighting to lowest allowable intensity • Disables headlights, taillights, side marking lights • Brake & Reverse lights remain active • Lights reactivate at 15-mph • CANBus activated Headlight & Taillight Flash systems • Spotlight Pre-Wire.	$2,610.00
GFX RAM-SWB	RAM 1500 SSV SETINA STEEL VERTICAL WINDOW GUARDSDesigned for high strength, visibility and ventilation.	$510.00
GFX RAM-SWB-HORIZ	RAM 1500 SSV SETINA STEEL HORIZONTAL REAR WINDOW GUARDFeatures high strength protection of rear truck window.	$440.00
GFX RAM-UMIRROR-V-B	RAM 1500 SSV BLUE/BLUE UNDER MIRROR WITH CLEAR PUDDLE LIGHTS – WHELEN LINSV2Mounted under mirror for 180º side visibility and ground lighting while door is open.	$660.00
GFX RAM-UMIRROR-V-R	RAM 1500 SSV RED/RED UNDER MIRROR WITH CLEAR PUDDLE LIGHTS – WHELEN LINSV2Mounted under mirror for 180º side visibility and ground lighting while door is open.	$660.00
GFX RAM-UMIRROR-V-RB	RAM 1500 SSV RED/BLUE UNDER MIRROR WITH CLEAR PUDDLE LIGHTS – WHELEN LINSV2Mounted under mirror for 180º side visibility and ground lighting while door is open.	$660.00
GFX RAM-WPHOTO	RAM 1500 SSV PHOTOCELL SENSOR FOR WHELEN CORE/CANTROLDesigned to allow for specific priority programming such as auto day/night light intensity.RECOMMENDED WITH INNER EDGE WHEN ROOF MOUNTED LIGHTBAR IS NOT PURCHASED.	$155.00
GFX RAM-WSTRIP-2REAR-RBA	RAM 1500 SSV RED/BLUE/AMBER REAR WINDOW LIGHTS – WHELEN MEGA T-SERIES ION TRIOMounted in rear window for additional rear visibility.	$760.00
GFX RAM-WSTRIP-2REAR-RBW	RAM 1500 SSV RED/BLUE/WHITE REAR WINDOW LIGHTS – WHELEN MEGA T-SERIES ION TRIOMounted in rear window for additional rear visibility.	$760.00
GFX RAM-WTLI-2DOOR-B	RAM 1500 SSV BLUE/BLUE B-PILLAR SIDE LIGHTS SOLO – WHELEN T-IONMounted horizontally in the rear door window for additional side lighting.	$660.00
GFX RAM-WTLI-2DOOR-R	RAM 1500 SSV RED/RED B-PILLAR SIDE LIGHTS SOLO – WHELEN T-IONMounted horizontally in the rear door window for additional side lighting.	$660.00
GFX RAM-WTLI-2DOOR-RB	RAM 1500 SSV RED/BLUE B-PILLAR SIDE LIGHTS SOLO – WHELEN T-IONMounted horizontally in the rear door window for additional side lighting.	$660.00
GFX RAM-WTLI-4GAP-B	RAM 1500 SSV BLUE/BLUE QUAD (4) UNDER TAILGATE MOUNTED LIGHTS SOLO – WHELEN T-IONMounted under tailgate for additional rear visibility.	$815.00
GFX RAM-WTLI-4GAP-R	RAM 1500 SSV RED/RED QUAD (4) UNDER TAILGATE MOUNTED LIGHTS SOLO – WHELEN T-IONMounted under tailgate for additional rear visibility.	$815.00
GFX RAM-WTLI-4GAP-RB	RAM 1500 SSV RED/BLUE QUAD (4) UNDER TAILGATE MOUNTED LIGHTS SOLO – WHELEN T-IONMounted under tailgate for additional rear visibility.	$815.00
GFX RAM-WTLIX-4GL-B	RAM 1500 SSV BLUE/BLUE INTERIOR GRILLE LIGHTS SOLO – WHELEN T-ION-QUADMounted behind grille for unmarked appearance. Four lights (4) Blue arranged in a “V” pattern-upgrade.	$1,660.00
GFX RAM-WTLIX-4GL-RB	RAM 1500 SSV RED/BLUE INTERIOR GRILLE LIGHTS SOLO – WHELEN T-ION-QUADMounted behind grille for unmarked appearance. Four lights (2) Red, (2) Blue arranged in a “V” pattern-upgrade.	$830.00

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GFX RAM-WTRACER60-RB	RAM 1500 SSV DUO RED/BLUE UNDER VEHICLE LIGHTS – WHELEN TRACER LIGHTS5-Lights. Call for other color combinations.	$2,265.00
GFX RAM-WTRACER60-RBW	RAM 1500 SSV DUO RED/WHITE-BLUE/WHITE UNDER VEHICLE LIGHTS – WHELEN TRACER LIGHTS5-Lights. Call for other color combinations.	$2,265.00
GFX RAM-WV2V	RAM 1500 SSV V2V Sync Module (Requires Core System)	$500.00

TRANSIT

TROY COMPUTER STANDS

TP TRANSIT-COMP-SL	TROY PRODUCTS Transit stand alone passenger seat mount computer stand with SLIDING arm (DOCKING STATION NOT INCLUDED).	$825.00

WAGONEER GFX

GFX WAG-BOSS-VAULT1	WAGONEER BOSS STRONG BOX LONG GUN WEAPON VAULT-1-DRAWER 37L X 14.5W X 10D,5 KEYS	$2,495.00
GFX WAG-BOSS-VAULT-TOP	WAGONEER BOSS STRONG BOX LONG GUN WEAPON VAULT-TOP LOADER-37L X 14W X 10D,5 KEYS	$950.00
GFX WAG-BOSS-VAULT-TOP-XL	WAGONEER BOSS STRONG BOX LONG GUN WEAPON VAULT-TOP LOADER-41.5L X 10W X 8D,5 KEYS	$1,095.00
GFX WAG-CORE-CHH	WAGONEER 14 Button hand held with microphone WHELEN CORE SYSTEMAll the features of the Core Siren System with GFX's Plug & Play integration with our EXO Wire Harness & PDC System. Eliminates soldering and assures consistent wiring from vehicle to vehicle for easier service if needed. Includes: Horn Ring Transfer • Individual Light Head Control • Cruise Mode • Takedown • Park Kill • Traffic Advisor • Weapon Lock Output • Load Management • Keypad Back Lighting • Day/Night Lighting • Flash Pattern Control • Front and Rear Wig Wag • Headlight Sense • Alarm Sense • PA System/MicrophoneJWS-EAPEB1A	$1,810.00
GFX WAG-HARNESS	WAGONEER WIRE HARNESS & POWER DISTRIBUTION CENTERHarness provides power for camera, computer, siren system, radio, modem/cradlepoint, radar, ticketprinter, and lightbars, with both B+ and Ignition where needed. Lighting circuits are routed throughoutthe vehicle for easy connection at the most popular lighting locations. Chassis Ground points areextended to console. Power Distribution Center provides single point access to all fuses & relays foremergency equipment.	$2,205.00
GFX WAG-INNER-FST-SOLO-RB	WAGONEER FRONT VISOR MOUNTED WHELEN FST INNER EDGE-10 LAMP SOLO™ WCXFeatures WeCanX, Takedown, Driver: Red & Passenger: Blue SOLO LED Lightheads.	$1,295.00
GFX WAG-REAR-INNER-DUO-RBA	WAGONEER UPPER REAR WINDOW MOUNTED WHELEN RST INNER EDGE-10 LAMPDUO™ WCXFeatures WeCanX, Driver: Red/Amber & Passenger: Blue/Amber DUO LED Lightheads.	$1,775.00
GFX WAG-SA315P	WAGONEER SINGLE 100W INTERNAL MOUNTED WHELEN SA315P SIREN SPEAKERAND BRACKET	$375.00
GFX WAG-WSTP	WAGONEER WINDOW TINT - WINDSHIELD - SUN BANDWindow Tint	$135.00
GFX WAG-WTLI-2RQG-RB	WAGONEER QUARTER WINDOW SIDE LIGHTS SOLO – WHELEN T-IONGFX exclusive shroud for reduced/eliminated back flash, mounted in the rear cargo window foradditional side lighting.RED/BLUE	$695.00
GFX WAG-WTLI-4GL-RB	WAGONEER INTERIOR GRILLE LIGHTS SOLO – WHELEN T-ION-QUAD(4) Lights mounted behind front fascia grille for unmarked appearance.(2) RED/(2) BLUE	$740.00
GFX-DUR-BLAWM-2	WAGONEER ALL WEATHER FLOOR MATSBlueline GFX Edition – Front & 2nd row floor mat set.	$710.00
GFX-DUR-BLAWM-2	DURANGO ALL WEATHER FLOOR MATSBlueline GFX Edition-Front floor mat set.	$160.00

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ACCESSORIES

CAMERA OPTIONS

LT CAMERA RELOCATE	REMOVE CAMERA FROM TAILGATE AND INSTALL IN UTILITY BED BUMPER	$375.00
LT CAMERA INSTALL	INSTALL FACTORY ORDERED/OEM CAMERA IN REAR BUMPER IF EQUIPED	$185.00
LT CAMERA-LG	REMOVE / REINSTALL FACTORY CAMERA IN LIFT GATE.	$385.00
LT REVERSE-LG	REMOVE / RE-INSTALL FACTORY REVERSE SENSORS IN LIFT GATE	$275.00

SPRAY LINER

LT SOB SB89	SPRAY IN LINER IN CARGO AREA FOR 8' AND 9' BODY	$930.00
LT SOB SB89 BT	SPRAY LINER ON COMPARTMENT TOPS IN CONJUNCTION W/ CARGO AREA FOR 8' AND 9' BODY	$365.00
LT SOB SB11	SPRAY IN LINER IN CARGO AREA FOR 11' BODY	$1,180.00
LT SOB SB11 BT	SPRAY LINER ON COMPARTMENT TOPS IN CONJUNCTION W/ CARGO AREA FOR 11' BODY	$415.00

TRAILER ACCESSORIES

LT 7/4 WIRE	7 way flat camper trailer wiring with 4 prong flat	$120.00
LT CLV-FB	Class V Hitch for Flat Bed	$705.00
LT CLV-SB	Class V Hitch for Service Body	$705.00

UTILITY BODY ACCESSORIES

LT FFK	Knapheide Fuel Fill Kit for Ford bed removal applications.	$465.00
LT PDL SB	POWER DOOR LOCKS TIED TO OEM TRUCK KEYFOB	$1,900.00
LT CTECH	C TECH # 700104 5 DRAWER TOOL CHEST IN FRONT VERTICAL	$1,975.00
LT AE6	AMERICAN EAGLE 6 DRAWER MECHANICS TOOLBOX # 24640 IN FRONT BIN	$2,365.00
LT AE7	AMERICAN EAGLE 7 DRAWER MECHANICS TOOLBOX # 31850 IN FRONT BIN	$2,490.00
LT COMP LT 89	LED STRIP LIGHT IN EACH COMPARTMENT TIED TO MASTER SWITCH IN CAB FOR 8' AND 9' BODY	$845.00
LT COMP LT 11	LED STRIP LIGHT IN EACH COMPARTMENT TIED TO MASTER SWITCH IN CAB FOR 11' BODY	$1,070.00
LT MLS-6	Master locking system 6-door bodies	$915.00
LT MLS-8	Master locking system 8-door bodies	$1,130.00

TOOL BOXES & STORAGE

LT BOX36-UB	Underbody 36X18X18 steel tool box, bolted under flat bed.	$570.00
LT BOX48-UB	Underbody 48X18X18 steel tool box, bolted under flat bed.	$665.00

RACKS

LT LADDER RACK	HOLMAN BLACK ROUND TUBE STYLE OVER THE CAB LADDER RACK	$2,240.00
LT RATCHET	4 FIXED RATCHET STRAPS FOR LADDER RACK	$365.00

AMBER LIGHTING

LT 4 CORNERS AW	AMBER/WHITE STROBE LIGHT SYSTEM, 2-FRONT GRILLE, 2-REAR	$980.00

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LIFT GATES

LT LG13-2PC-PU	Maxon C2-60-1342 TP38 1300 lb capacity pick up truck liftgate 55" x 38"+ 4" 2- PC (includes credit for tailgate & duplicate STT lights).	$4,550.00
LT LG13-2PC-SB	Maxon C2-54-1342 TP38 1300 lb capacity service body lift gate 49" x 38"+ 4" 2- PC (includes duplicate STT lights).	$5,145.00
LT LG16-ST41-RG	Maxon C2-92-1650 TP41 1600 lb flat bed, stake and van body lift gate 87" x 41"+ 6" (includes duplicate STT lights).	$5,510.00

FLATBEDS, STAKE SIDES, AND HOISTS

LT PVMXS-95	Knapheide 9' DRW flat bed with smooth steel floor, integrated stake pockets for sides and rear, HD weld on headboard with window and screen, mud flaps, lights, gloss black finish req's 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$6,700.00
LT STAKE SIDES 9'	ADD stake sides to 9' flatbed	$2,740.00
LT E/H HOIST	ADD electric/hydraulic hoist (no pto) single cylinder scissors hoist to 9' - 10' flatbed.	$9,375.00
LT FLAT12	Knapheide 12' DRW flat bed with smooth steel floor, integrated stake pockets for sides and rear, HD weld on headboard with window and screen, mud flaps, lights, gloss black finish req's 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$7,310.00
LT STAKE SIDES 12'	ADD stake sides to 12' flatbed	$3,615.00

UTILITY BODIES

6.5' SINGLE REAR WHEEL

LT 682	Knapheide 6.5' utility body for Silverado with 41" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,945.00
LT 682F	Knapheide 6.5' flip top utility body for Silverado 41" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,165.00

8' SINGLE REAR WHEEL

LT 696	Knapheide 8' SRW utility body for 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$11,945.00
LT 696F	Knapheide 8' SRW flip top utility body for 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,165.00

8' DUAL REAR WHEEL

LT 696D54	Knapheide 8' DRW utility body for 56" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$13,040.00
LT 696D54F	Knapheide 8' DRW flip top utility body for 56" CA	$14,605.00

9' DUAL REAR WHEEL

LT 6108D	Knapheide 9' DRW utility body for 60" CA (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,010.00
LT 6108D54	Knapheide 9' DRW Wide utility body 54" Load Floor for 60" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$14,010.00
LT 6108D54F	Knapheide 9' DRW Wide utility body with Flip Tops 54" Load Floor for 60" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,445.00

11' DUAL REAR WHEEL

LT 6132D54	Knapheide 11' DRW Wide utility body 54" Load Floor for 84" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$16,460.00
LT 6132D54F	Knapheide 11' DRW Wide utility body with Flip Tops 54" Load Floor for 84" CA (GMC/CHEVY Req's GTY) (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,275.00

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COVERED UTILITY BODIES

8' SINGLE REAR WHEEL

LT KC96U1478	KNAPHEIDE 8' SRW Enclosed Body, 97.25" Length, 62" Height, 14.5" Deep Compts, 44.5" Wide Rear Door, 44.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,485.00
LT KC96L1478	KNAPHEIDE 8' SRW Enclosed body, 97.25" Length, 68" Height, 14.5" Deep Compts, 44.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$20,730.00
LT KC96M1478	KNAPHEIDE 8' SRW Enclosed body, 97.25" Length, 78" Height, 14.5" Deep Compts, 44.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$21,050.00

9' DUAL REAR WHEEL

LT KC108L2094	KNAPHEIDE 9' DRW Enclosed Body 107.25" Length, 68" Height, 20" Deep Compts, 49.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$22,315.00
LT KC108M2094	KNAPHEIDE 9' DRW Enclosed body, 107.25" Length, 78" Height, 20" Deep Compts, 49.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$22,795.00
LT KC108H2094	KNAPHEIDE 9' DRW Enclosed body, 107.25" Length, 90" Height, 20" Deep Compts, 49.5" Wide Rear Door, 72.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$23,160.00

11' DUAL REAR WHEEL

LT KC132L2094	KNAPHEIDE 11' DRW Enclosed Body, 133.25" Length, 68" Height, 20" Deep Compts, 49.5" Wide Rear Door, 50.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$24,390.00
LT KC132M2094	KNAPHEIDE 11' DRW Enclosed body, 133.25" Length, 78" Height, 20" Deep Compts, 49.5" Wide Rear Door, 60.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$24,880.00
LT KC132H2094	KNAPHEIDE 11' DRW Enclosed body, 133.25" Length, 90" Height, 20" Deep Compts, 49.5" Wide Rear Door, 72.5" Interior Height (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$26,185.00

GOOSENECK PLATFORM BODIES

9' DUAL REAR WHEEL

LT PGTB-96	Knapheide 9' gooseneck body wih rear hitch, two plugs, and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$8,530.00
LT PGTD-94	Knapheide 9' goseneck body with rear hitch, two plugs, under body boxes and tall front compartments and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$15,850.00

11' DUAL REAR WHEEL

LT PGTB-116	Knapheide 11' gooseneck body wih rear hitch, two plugs, and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$9,130.00
LT PGTD-114	Knapheide 11' goseneck body with rear hitch, two plugs, under body boxes and tall front compartments and cab shield tail lights (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.	$17,070.00

SWITCH N GO

11 BODIES

LT SNG-11	LEE TRANSPORT TO FURNISH AND INSTALL Switch-N-Go model# 11-4020-15E-12T GEN II, 11' electric hoist unit to include: 15k lbs. electric winch, 12-ton dump capacity, ICC under ride bumper w/light kit and receiver hitch, All lights and reflectors to FMVSS standard (All lights will be LED). Painted black, Plastic fenders with mounting kit (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$18,780.00
LT SNG-1151-SS	Switch-N-Go model# MDRB-1151-SS, 11' medium duty drop box w/51" sides and rear single swing door.	$6,060.00
LT SNG-1151-BD	Switch-N-Go model# MDRB-1151-BD, 11' medium duty drop box w/51" sides and rear barn doors.	$6,385.00

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LT SNG-11-DS	Switch-N-Go model# DB-11-DS, 11' dump body w/12" steel fold down sides.	$7,530.00

14 BODIES

LT SNG-14	LEE TRANSPORT TO FURNISH AND INSTALL Switch-N-Go model# 14-5020-15E-10T GEN II 14' electric hoist unit to include: 15k lbs. electric winch, 12-ton dump capacity, ICC under ride bumper w/light kit and receiver hitch, All lights and reflectors to FMVSS standard (All lights will be LED). Painted black, Plastic fenders with mounting kit (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)	$19,630.00
LT SNG-1451-SS	Switch-N-Go model# MDRB-1451-SS, 14' medium duty drop box w/51" sides & rear single swing door.	$6,915.00
LT SNG-1451-BD	Switch-N-Go model# MDRB-1451-BD, 14' medium duty drop box w/51" sides & rear barn doors.	$7,240.00
LT SNG-1451-DUMP	Switch-N-Go model# DUMPSTER-1451-SS, 14' dumpster (17 yd) w/51" sides & rear single swing door.	$6,455.00

ACCESSORIES

LT SNG-TARP	FABRICATED FIXED ELECTRIC TARP SYSTEM	$5,740.00
LT SNG-E-TARP	DONOVAN QUICKFLIP IV ADJUSTABLE ELECTRIC TARP SYSTEM	$10,570.00
LT SNG-REMOTE	FURNISH AND INSTALL SWITCH-N-GO WIRELESS REMOTE CONTROL KIT W/CHARGER IN LIEU OF WIRED PENDANT.	$895.00

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GENERAL ACCESSORIES

PRE-DELIVERY INSPECTION

FB PDI	Vehicle pre delivery inspection at Smyrna Truck Center for prompt local delivery.	$0.00

KEYS

FB 3K	Plain cut 3rd key (NO REMOTE).	$85.00
FB 4K	Plain cut 3rd & 4th keys (NO REMOTES).	$170.00
FB 3KR	Additional key and remote, cut and programmed.	$720.00
FB 4KR	(2) Additional keys and remotes, cut and programmed.	$1,440.00
FB 3K SMART	3rd key and remote for vehicles with proximity access.	$740.00
FB 4K SMART	3rd & 4th keys and remotes for vehicles with proximity access.	$1,485.00

BACKUP ALARM

FB BUA	90 dB back-up alarm.	$105.00

TOWING

FB 4WIRE	4 prong trailer wiring	$50.00
FB 6WIRE	6 prong utility trailer wiring	$80.00
FB 7WIRE	7 way flat camper trailer wiring	$90.00
FB 7/4 WIRE	7 wire RV style plug with 4-wire flat combination plug.	$140.00
FB 7/4 WIRE	7 wire RV style plug with 4-wire flat combination plug.	$90.00
FB CLV-FB	Class V trailer hitch for flat beds 20K rating 2" recevier tube.	$375.00
FB CLV-SB	Class V trailer hitch for service bodies 20K rating with 2 1/2" receiver.	$535.00
FB PTL-MNT	Frame mount 3/4" plate for Pintle with 20 ton pintle.	$1,985.00
FB CLIII	Class III receiver hitch, installed at FB Fleet.	$870.00
FB CLIV	Class IV receiver hitch, installed at FB Fleet.	$965.00
FB CLV	Class V receiver hitch, installed at FB Fleet.	$1,370.00
FB EBC	Curt Spectrum Electric Brake Controller	$725.00
FB DB2	Draw bar with 2" Ball, pin, and clip.	$75.00
FB DB2516	Draw bar with 2-5/16" Ball, pin, and clip.	$90.00
FB DB3	Tri-ball draw bar with 1-7/8", 2", and 2-5/16" balls.	$50.00
FB PTL2	Pintle combination draw bar with 2" ball.	$115.00
FB PTL2516	Pintle combination draw bar with 2-5/16" ball.	$115.00

BED COVERS

FB BAKFLIP-G2	BAKFLIP G2 FOLDING BED COVER, INSTALLED	$1,845.00
FB R-N-L SHORT	Roll N Lock cover, short box (Toyota / Nissan / Ford only).	$3,195.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FB R-N-L LONG	Roll N Lock cover, long box (all GM & RAM both short & long).	$3,195.00

OVERHEAD RACKS

FB OHMR-1000	Kargo Master Pro II HD overhead truck rack, powder coated modular, 1000lb.	$1,340.00
FB OHMR-1700	Kargo Master Pro II HD overhead truck rack, powder coated modular, 1700lb.	$1,625.00

UPFITTER SWITCHES

FB 9L7-INST	GM UPFITTER SWITCH INSTALL.	$500.00

CAB STEPS

FB STEP3-REG	3" black tubular cab step for regular cab pickup.	$975.00
FB STEP3-EXT	3" black tubular cab step for extended cab pickup.	$1,110.00
FB STEP3-CREW	3" black tubular cab step for crew cab pickup.	$1,120.00

BED SLIDES

FB BED-SLIDE 1500	Bed Slide 1500lb bed slide with 4" sides and rubber coated floor.	$4,340.00
FB BED-SLIDE 2200HD	Bed Slide 2200HD bed slide with 4" sides and rubber coated floor.	$3,230.00
FB BED-SLIDE 2200XL	Bed Slide 2200XL bed slide with 4" sides, rubber coated floor, and full extension.	$4,885.00
FB DECKED	DECKED® 2-Drawer Pickup Truck Bed Storage System 64.54 Two Drawer Storage System for A Full Size Pick Up Truck; DECKED Truck Bed Storage System; 64.54 in.; Made Of High Density Polyethylene; Stainless Steel Hardware; Features Cast Aluminum Handles / Galvanized Steel Subframe.	$2,560.00

INTERIOR & WINDOWS

FB SAFE-T	Amerex 5lb Fire extinguisher, First Aide Only first aid kit, and King James & Co road triangles	$215.00
FB FIRE 2.5LB	2.5# ABC FIRE EXTINGUISHER, PART# B417T, INSTALLED WITH BRACKET, MOUNTED INSIDE REAR CARGO AREA.	$40.00
FB FIRE-X-5LB	Amerex B500 Fire Extinguisher with 5DC HD Vehicle Bracket (Furnished and Installed inside rear cab area, driver's Side)	$125.00
FB RS 2	Stick on rain shields (2-doors).	$290.00
FB RS 4	Stick on rain shields (4-doors).	$300.00
FB WSTP	Windshield strip	$395.00
FB DT2 SDN	Deep tint film installed on front two door glass only.	$495.00
FB DTF SDN	Deep tint film installed on all side and rear glass.	$760.00
FB DT2 SUV	Deep tint film installed on front two door glass only.	$495.00
FB DTF SUV	Deep tint film on SUV with full side and rear glass coverage.	$1,095.00
FB DT2 VAN	Deep tint film installed on front two door glass only.	$495.00
FB DTF G VAN	Deep tint film on cargo van with side and rear door glass.	$1,095.00
FB DTF P VAN	Deep tint film on passenger van with full body glass.	$1,095.00
FB DT2 TRK	Deep tint film installed on front two door glass only.	$495.00
FB DTF 2 TRK	Deep tint film installed on front two door glass and rear window.	$760.00
FB DTF 4 TRK	Deep tint film installed on four doors and back glass for extended/crew cab pickups.	$760.00

ALAN JAY FLEET SALES

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FLOOR PROTECTION

FB WTF SDN 1	Weather Tech floor liner system (1st row only).	$275.00
FB WTF SDN 2	Weather Tech floor liner system (1st & 2nd rows).	$390.00
FB WTF SUV 1	Weather Tech floor liner system (1st row only).	$275.00
FB WTF SUV 2	Weather Tech floor liner system (1st & 2nd rows).	$390.00
FB WTF SUV 3	Weather Tech floor liner system (1st & 2nd rows plus cargo area).	$565.00
FB WTF VAN 1	Weather Tech floor liner system (1st row only).	$275.00
FB WTF VAN 2	Weather Tech floor liner system (1st & 2nd rows).	$390.00
FB WTF VAN 3	Weather Tech floor liner system (1st, 2nd, & 3rd rows).	$565.00
FB WTF REG	Weather Tech floor liner system for regular cab pick-up trucks.	$275.00
FB WTF EXT	Weather Tech floor liner system for extended cab pick-up trucks.	$390.00
FB WTF CRW	Weather Tech floor liner system for crew cab pick-up trucks.	$390.00

BACKING SAFETY

FB CAMERA RR	Remove and re-install factory camera from tailgate	$560.00

INVERTERS & CHARGING

FB RJK	WARN 26769 QUICK DISCONNECT JUMP KIT, INSTALLED IN GRILLE AREA.	$0.00
FB 851-0451-SDN	450W inverter mounted under passenger seat. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$935.00
FB 806-1206-SDN	600W pure sine inverter mounted under passenger seat with ignition sourced remote / user control mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$1,115.00
FB 806-1210-SDN	1000W pure sine inverter mounted in trunk space with ignition sourced remote / user control mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$2,320.00
FB 806-1206-SUV	600W pure sine inverter mounted under REAR seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$1,115.00
FB 806-1210-SUV	1000W pure sine inverter mounted under REAR seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$2,320.00
FB 806-1220-SUV	2000W pure sine inverter mounted in rear cargo area with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$2,195.00
FB 813-3000UL-SUV	3000W modified sine inverter mounted in rear cargo area with. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$2,550.00
FB 806-1206-PU	600W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$1,115.00

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FB 806-1210-PU	1000W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$2,320.00
FB 806-1220-PU	2000W pure sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$2,195.00
FB 813-3000UL-PU	3000W modified sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$2,550.00
FB 806-1220-UB	2000W pure sine inverter mounted inside curbside front compartment of utility body with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation, appropriate gauge wire for distance from battery, heat shrink connectors and wire loom.	$2,195.00
FB 813-3000UL-UB	3000W modified sine inverter mounted inside curbside front compartment of utility body with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)	$2,550.00

TOOL BOXES AND RACKS

CAB SHIELDS & RACKS

FB BR 15###	Back Rack cab guard for pickup trucks without a cross body tool box.	$255.00
FB BR 15### LB	Back Rack cab guard for pickup trucks without a cross body tool box, includes light bar mounting feet.	$315.00
FB BR 15###TB	Back Rack cab guard for pickup trucks with cross body tool box.	$255.00
FB BR 15###TB LB	Back Rack cab guard for pickup trucks with cross body tool box, includes light bar mounting feet.	$315.00
FB BR 81001-81003	Back Rack beacon mounts for driver and passenger side (beacons not included).	$120.00
FB BR 91001	Back Rack 10.5" octagon pedestal installed on driver side of cab shield (Works with Go-Light & provides enough clearance for light bar).	$60.00
FB WG1450	WeatherGuard single side mounted ladder rack for pickups.	$825.00
FB WG1425-3	WeatherGuard single side muoted ladder rack for utility bodies.	$1,240.00

TOOL BOXES & STORAGE

FB ATB-14	HD Aluminum tool box with standard height single lid and 14" depth.	$1,265.00
FB ATB-18	HD Aluminum tool box with standard height single lid and 18" depth.	$1,265.00
FB ATB-18-LP	HD Aluminum tool box with low-profile single lid and 18" depth.	$1,675.00
FB ATB-18-LP-BLACK	-BLACK - Dealer Provided HD Aluminum Diamond Plate Low Pro Tool Box 18" Depth.	$1,700.00
FB SMB-48	(2) side mounted 48" tool boxes with standard height lids.	$1,770.00
FB SMB-68	(2) side mounted 68" tool boxes with standard height lids.	$2,020.00
FB SMB-72	(2) side mounted 72" tool boxes with standard height lids.	$2,315.00
FB 3BOX SWB	Includes standard height 18" depth saddle box with single lid and (2) 48" bed rail mounted standard height side tool boxes.	$3,035.00
FB 3BOX LWB	Includes standard height 18" depth saddle box with single lid and (2) 72" bed rail mounted standard height side tool boxes.	$3,585.00
FB WG ATB-GULL	WEATHERGUARD model 114-0-01 gull wing extra wide aluminum diamond plate tool box, installed.	$2,000.00
FB 48TB	48" Chest Tool Box mounted against bulkhead in utility body.	$1,330.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

FB FNT85	85 Gallon Fuel n Tool Combo with L-shaped fuel tank, tool box, 13GPM fuel transfer pump, hose, nozzle, filter, and GPI inline digital flow meter for use in short bed PU or Utility body.	$2,125.00
FB FNT100	100 Gallon Fuel n Tool Combo with L-shaped fuel tank, tool box, 13GPM fuel transfer pump, hose, nozzle, filter, and GPI inline digital flow meter for use with long bed PU.	$2,420.00
FB 110 FTT	100 Gallon fuel transfer tank. Includes GPI 12V fuel pump, 3/4 x 4" filter kit (10 micron), GPI digital fuel meter, 3/4" spring loaded retractable fuel hose reel with 25' hose and nozzle, tank installed to bulkhead of utility body with hose reel installed to curbside front compartment top. Compartment top to be reinforced with reel mounted on angle facing rearward for side access.	$1,895.00

GRILLE GUARDS AND WINCHES

CHEVY LD

FB WGG-CHEVY15	Westin HDX wrap around grille guard, installed on Chevy 1500 series pickup.	$1,555.00
FB WMT-CHEVY15-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Chevy 1500 series pickup.	$2,200.00
FB WMT-CHEVY15-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Chevy 1500 series pickup.	$2,250.00
FB GG-CHEVY15-VR8	Westin HDX grille guard (No Wrap) with winch mount tray and Warn VR EVO8 8,000lb recovery winch, installed on Chevy 1500 series pickup.	$3,125.00
FB GG-CHEVY15-VR10	Westin HDX grille guard (No Wrap) with winch mount tray and Warn VR EVO10 10,000lb recovery winch, installed on Chevy 1500 series pickup.	$3,175.00
FB WGG-CHEVY15-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Chevy 1500 series pickup.	$3,125.00
FB WGG-CHEVY15-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Chevy 1500 series pickup.	$3,175.00

CHEVY HD

FB WGG-CHEVYHD	Westin HDX wrap around grille guard, installed on Chevy HD series pickup.	$1,555.00
FB WMT-CHEVYHD-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Chevy HD series pickup.	$2,200.00
FB WMT-CHEVYHD-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Chevy HD series pickup.	$2,250.00
FB WMT-CHEVYHD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on Chevy HD series pickup.	$3,885.00
FB WMT-CHEVYHD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$4,185.00
FB WMT-CHEVYHD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$4,235.00
FB GG-CHEVYHD-VR8	Westin HDX grille guard(No Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Chevy HD series pickup.	$3,125.00
FB GG-CHEVYHD-VR10	Westin HDX grille guard only(No Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Chevy HD series pickup.	$3,175.00
FB GG-CHEVYHD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on Chevy HD series pickup.	$4,430.00
FB GG-CHEVYHD-Z8	WARN grille guard(No Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$4,735.00
FB GG-CHEVYHD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Chevy HD series pickup.	$4,785.00
FB WGG-CHEVYHD-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Chevy HD series pickup.	$3,160.00
FB WGG-CHEVYHD-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Chevy HD series pickup.	$3,210.00

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FB WGG-CHEVYHD-M8	WARN wrap around grille guard with Warn M8 8,000lb recovery winch, installed on Chevy HD series pickup.	$4,725.00
FB WGG-CHEVYHD-Z8	WARN wrap around grille guard with Warn ZEON 8S 8,000lb recovery winch synthetic rope, installed on Chevy HD series pickup.	$5,025.00
FB WGG-CHEVYHD-Z10	WARN wrap around grille guard with Warn ZEON 10S 10,000lb recovery winch synthetic rope, installed on Chevy HD series pickup.	$5,075.00
FB WGG-CHEVYHD-16.5ti	WARN wrap around grille guard with Warn 16.5ti 16,500lb recovery winch, installed on Chevy HD series pickup.	$7,865.00
	GMC LD	
FB WGG-GMC15	RANCH HAND Legend Grille Guard; Legend Series Grille Guard; Retains Factory Tow Hook; installed on GMC 1500 series pickup.	$1,605.00
	GMC HD	
FB WGG-GMCHD	RANCH HAND wrap around grille guard, installed on GMC HD series pickup.	$1,605.00
FB WMT-GMCHD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on GMC HD series pickup.	$3,920.00
FB WMT-GMCHD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,220.00
FB WMT-GMCHD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,270.00
FB GG-GMCHD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on GMC HD series pickup.	$4,465.00
FB GG-GMCHD-Z8	WARN grille guard(No Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,770.00
FB GG-GMCHD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on GMC HD series pickup.	$4,820.00
FB GG-GMCHD-16.5ti	WARN grille guard(No Wrap) with Warn 16.5ti 16,500lb recovery winch, installed on GMC HD series pickup.	$6,590.00
	RAM LD	
FB WGG-RAM15	Westin HDX wrap around grille guard, installed on RAM 1500 series pickup.	$1,555.00
FB WMT-RAM15-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on RAM 1500 series pickup.	$2,325.00
FB WMT-RAM15-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on RAM 1500 series pickup.	$2,380.00
FB WMT-RAM15-M8	WARN Ascent Front Bumper for RAM 1500 - includes a winch mount , with Warn M8 8,000lb recovery winch, installed on RAM 1500 series pickup.	$5,535.00
FB WMT-RAM15-Z8S	WARN Ascent Front Bumper for RAM 1500 - includes a winch mount , with Warn ZEON 8,000lb recovery winch w/ Synthetic Rope, installed on RAM 1500 series pickup.	$5,835.00
FB WMT-RAM15-Z10S	WARN Ascent Front Bumper for RAM 1500 - includes a winch mount , with Warn ZEON 10,000lb recovery winch w/ Synthetic Rope, installed on RAM 1500 series pickup.	$5,885.00
FB WGG-RAM15-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on RAM 1500 series pickup.	$3,135.00
FB WGG-RAM15-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on RAM 1500 series pickup.	$3,190.00
	RAM HD	
FB WGG-RAMHD	Westin HDX wrap around grille guard, installed on RAM HD series pickup.	$1,555.00
FB WMT-RAMHD-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on RAM HD series pickup.	$2,170.00

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FB WMT-RAMHD-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on RAM HD series pickup.	$2,220.00
FB WMT-RAMHD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on RAM HD series pickup.	$3,675.00
FB WMT-RAMHD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$3,980.00
FB WMT-RAMHD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$4,030.00
FB GG-RAMHD-VR8	Westin HDX grille guard(No Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on RAM HD series pickup.	$2,785.00
FB GG-RAMHD-VR10	Westin HDX grille guard only(No Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on RAM HD series pickup.	$2,840.00
FB GG-RAMHD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on RAM HD series pickup.	$4,225.00
FB GG-RAMHD-Z8	WARN grille guard, no wrap, with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$4,525.00
FB GG-RAMHD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on RAM HD series pickup.	$4,575.00
FB WGG-RAMHD-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on RAM HD series pickup.	$2,785.00
FB WGG-RAMHD-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on RAM HD series pickup.	$2,840.00
FB WGG-RAMHD-M8	WARN wrap around grille guard with Warn M8 8,000lb recovery winch, installed on RAM HD series pickup.	$4,575.00
FB WGG-RAMHD-Z8	WARN wrap around grille guard with Warn ZEON 8S 8,000lb recovery winch synthetic rope, installed on RAM HD series pickup.	$4,875.00
FB WGG-RAMHD-Z10	WARN wrap around grille guard with Warn ZEON 10S 10,000lb recovery winch synthetic rope, installed on RAM HD series pickup.	$4,925.00
FB WGG-RAMHD-16.5ti	WARN wrap around grille guard with Warn 16.5ti 16,500lb recovery winch, installed on RAM HD series pickup.	$6,695.00

FORD LD

FB WGG-F150	Westin HDX wrap around grille guard, installed on Ford F-150 series pickup.	$1,710.00
FB WMT-F150-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Ford F-150 series pickup.	$2,225.00
FB WMT-F150-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford F-150 series pickup.	$2,250.00
FB GG-F150-VR8	Westin HDX grille guard, no wrap, with Warn VR EVO8 8,000lb recovery winch, installed on Ford F-150 series pickup.	$3,160.00
FB GG-F150-VR10	Westin HDX grille guard only(No Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford F-150 series pickup.	$3,175.00
FB WGG-F150-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Ford F-150 series pickup.	$3,160.00
FB WGG-F150-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Ford F-150 series pickup.	$3,175.00
FB WGG-F150-M8	WARN wrap around grille guard with Warn M8 8,000 recovery winch, installed on Ford F-150 series pickup	$4,300.00

FORD SD

FB WGG-FSD	Westin HDX wrap around grille guard, installed on Ford Super Duty series pickup.	$1,420.00
FB WMT-FSD-VR8	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,325.00

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FB WMT-FSD-VR10	Westin winch mount tray only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,380.00
FB WMT-FSD-M8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn M8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,735.00
FB WMT-FSD-Z8	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$4,035.00
FB WMT-FSD-Z10	WARN winch mount tray only(No Push Bumper or Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$4,085.00
FB GG-FSD-VR8	Westin HDX grille guard(No Push Bumper or Wrap) with Warn VR EVO8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,250.00
FB GG-FSD-VR10	Westin HDX grille guard only(No Push Bumper or Wrap) with Warn VR EVO10 10,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,300.00
FB GG-FSD-M8	WARN grille guard(No Wrap) with Warn M8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$4,280.00
FB GG-FSD-Z8	WARN grille guard(No Wrap) with Warn ZEON 8,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$4,580.00
FB GG-FSD-Z10	WARN grille guard(No Wrap) with Warn ZEON 10,000lb recovery winch with synthetic rope, installed on Ford Super Duty series pickup.	$4,630.00
FB WGG-FSD-VR8	Westin HDX wrap around grille guard with Warn VR EVO8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,435.00
FB WGG-FSD-VR10	Westin HDX wrap around grille guard with Warn VR EVO10 10,000lb recovery winch, installed on Ford Super Duty series pickup.	$3,440.00
FB WGG-FSD-M8	WARN wrap around grille guard with Warn M8 8,000lb recovery winch, installed on Ford Super Duty series pickup.	$4,625.00
FB WGG-FSD-Z8	WARN wrap around grille guard with Warn ZEON 8S 8,000lb recovery winch synthetic rope, installed on Ford Super Duty series pickup.	$4,930.00
FB WGG-FSD-Z10	WARN wrap around grille guard with Warn ZEON 10S 10,000lb recovery winch synthetic rope, installed on Ford Super Duty series pickup.	$4,980.00
FB WGG-FSD-16.5ti	WARN wrap around grille guard with Warn 16.5ti 16,500lb recovery winch, installed on Ford Super Duty series pickup.	$6,925.00
FB WGG-FSD-VR12	Westin HDX wrap around grille guard with Warn VR EVO12 12,000lb recovery winch, installed on Ford Super Duty series pickup.	$2,615.00

SPRAY LINER

PICKUP SPRAY LINERS

FB HD SOB SH	HD Scorpion spray on bed liner (short bed) under rail.	$780.00
FB HD SOB LG	HD Scorpion spray on bed liner (long bed) under rail.	$1,055.00

UTILITY BODY LINERS

FB HD USOB	HD Scorpion spray on bed liner applied inside cargo area of 8' & 9' utility body.	$1,670.00
FB HD USOB-TB	HD Scorpion spray on bed liner applied inside cargo area, tops of boxes, and rear bumper of 8' & 9' utility body.	$2,630.00
FB HD USOB-11	HD Scorpion spray on bed liner applied inside cargo area of 11' utility body.	$1,780.00
FB HD USOB-11-TB	HD Scorpion spray on bed liner applied inside cargo area, tops of boxes, and rear bumper of 11' utility body.	$2,740.00
FB HD SOB-BUMP	HD Scorpion spray on bed liner applied to bumper only.	$480.00

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FLAT BED LINERS

FB HD SOB-FLAT	HD Scorpion spray on bed liner applied to surface of 8' & 9' flat bed.	$1,095.00
FB HD SOB-11-FLAT	HD Scorpion spray on bed liner applied to surface of 11' thru 14' flat bed.	$1,095.00
FB HD SOB-16-FLAT	HD Scorpion spray on bed liner applied to surface of 16' thru 20' flat bed.	$2,740.00

WHELEN LIGHTING

FB W DOM6-A	Whelen Dominator 6-LED traffic advisor with mount brackets (AMBER).	$1,425.00
FB W DOM8-A	Whelen Dominator 8-LED traffic advisor with mount brackets (AMBER).	$1,585.00
FB W L10HAP-A	WHELEN L10 - 6" x 6.4" Amber beacon	$270.00
FB W LEGACY48-AW	Whelen 48" Legacy DUO light bar, Amber/White, with adjustable feet & Strap kit.	$3,330.00
FB W LEGACY54-AW	Whelen 54" Legacy DUO light bar, Amber/White, with adjustable feet & Strap kit.	$3,480.00
FB W LIBERTY48-AA	Whelen 48" Liberty II solo light bar, Amber, with adjustable feet & strap kit.	$2,910.00
FB W MJYAAAAP	Whelen Mini Justice light bar, Amber, with mounting feet. 16 INCH	$960.00
FB W TLI-12-AA	(12) Whelen T-Series ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER).	$3,180.00
FB W TLI2-12-AW	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER/WHITE).	$3,475.00
FB W TLI2-2-AW	(2) Whelen T-Series DUAL color ultra thin light heads surface mounted (AMBER/WHITE).	$575.00
FB W TLI2-4-AW	(4) Whelen T-Series DUAL color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,155.00
FB W TLI2-6-AW	(6) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,735.00
FB W TLI2-8-AW	(8) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER/WHITE).	$2,315.00
FB W TLI-2-AA	(2) Whelen T-Series ultra thin light heads surface mounted (AMBER).	$530.00
FB W TLI-4-AA	(4) Whelen T-Series ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,060.00
FB W TLI-6-AA	(6) Whelen T-Series ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,590.00
FB W TLI-8-AA	(8) Whelen T-Series ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER).	$2,120.00
FB W TRACER60-DUO-UNIV-AW	(2) Whelen 60" DUAL color Tracers (6 lamp housing) with universal mounting brackets (AMBER/WHITE).	$2,500.00

COMPUTER STANDS

FB PKG-PSM-UNIV	Havis Universal compunter mount stand, cradle sold separately.	$595.00
FB RAM-VB-196-SW1	RAM universal laptop mounting kit with universal cradle.	$585.00

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FORD INTERCEPTOR UTILITY

TN HAV PIU-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,000.00
TN HAV PIU-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$740.00
TN HAV PIU-CON14	Havis 14"L x 6.5H vehicle specific console includes (3) 12V outlets, (2) cup holders, side mount arm rest, and necessary blanks.	$830.00
TN HAV PIU-CON22	Havis 22"L sloped vehicle specific console includes OEM USB and lighter plug relocation cutout, OEM parking brake relocation cutout, (2) additional 12V outlets, (2) cup holders, side mount arm rest, and necessary blanks.	$1,050.00
TN HAV PIU-K9	Havis K9 Transport system powder coated white.	$5,390.00
TN PG PIU-1/2CAGE	Pro-gard single prisoner cage includes partition, seat, door panels, window bars, rear barrier, and lower extension panels.	$3,945.00
TN PG PIU-1/2CAGE-OSB	Pro-gard single prisoner cage includes partition, seat, door panels, window bars, rear barrier, lower extension panels, and officer safe belts.	$4,395.00
TN PG PIU-CARGO-POLY	Pro-Gard ¼" poly rear cargo barrier with filler panels.	$885.00
TN PG PIU-CARGO-WIRE	Pro-Gard ¼" 7 Ga. Steel wire rear cargo barrier with filler panels.	$885.00
TN PG PIU-DISABLE	Pro-Gard 2020+ Police Interceptor Utility rear door / window disable kit (block off plates).	$140.00
TN PG PIU-FLOOR-PAN	Pro-Gard charcoal grey ABS floor.	$505.00
TN PG PIU-PART	Pro-Gard partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,495.00
TN PG PIU-PB	Pro-Gard HD push bumper.	$970.00
TN PG PIU-R-PART	Pro-Gard RESESSED panel partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,650.00
TN PG PIU-SEAT-POLY	Pro-gard standard prisoner transport seat with ¼" poly. window cargo barrier & seat.	$2,145.00
TN PG PIU-SEAT-WIRE	Pro-gard standard prisoner transport seat with 7 Ga. Steel screen window cargo barrier & seat.	$2,145.00
TN PG PIU-SWB	Pro-Gard -steel window Bars, for use with O.E.M. door panels only.	$520.00

PIU WHELEN LIGHTING

TN W PILLAR-PIU	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side.	$1,405.00
TN W PILLAR-PIU-DUO	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side.	$1,795.00
TN W ARGES1-PIU-1	Whelen Arges dedicated spot lamp with control head with Interceptor Utility specific Arges mount.	$1,285.00
TN W ARGES1-PIU-2	Dual Whelen Arges dedicated spot lamps with control head and Interceptor Utility specific driver and passenger Arges mounts.	$2,285.00
TN W EDGE2-21B-PIU-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER)	$5,445.00
TN W EDGE2-21B-PIU-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AM	$5,445.00
TN W EDGE2-21B-PIU-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMB	$5,445.00
TN W EDGE2-HH-PIU-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,035.00

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TN W EDGE2-ROT-PIU-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBE	$5,445.00
TN W EDGE2-ROT-PIU-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO	$5,445.00
TN W EDGE2-ROT-PIU-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO A	$5,445.00
TN W HOWLER-PIU	Whelen low frequency supplemental siren, with Interceptor Utility mounting bracket.	$965.00
TN W LEGACY-C21B-DT-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual ton	$6,425.00
TN W LEGACY-C21B-DT-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual ton	$6,425.00
TN W LEGACY-C21B-DT-PIU-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers with moun	$6,425.00
TN W LEGACY-C21B-DT-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers	$6,425.00
TN W LEGACY-C21B-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE A	$5,935.00
TN W LEGACY-C21B-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$5,935.00
TN W LEGACY-C21B-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBE	$5,935.00
TN W LEGACY-CHH-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE A	$5,935.00
TN W LEGACY-CHH-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHI	$5,935.00
TN W LEGACY-CHH-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBE	$5,935.00
TN W LEGACY-CROT-DT-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual t	$6,425.00
TN W LEGACY-CROT-DT-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual t	$6,425.00
TN W LEGACY-CROT-DT-PIU-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) spea	$6,425.00

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TN W LEGACY-CROT-DT-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speak	$6,425.00
TN W LEGACY-CROT-PIU-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE	$5,935.00
TN W LEGACY-CROT-PIU-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REA	$5,935.00
TN W LEGACY-CROT-PIU-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AM	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-PIU-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00
TN W LIBERTY-OPTI-CROT-DT-PIU-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00
TN W MBEAM-PIU-B	(2) Whelen mirror beam front of side view mirror mounted LED's with SOLO ION series light heads (BLUE).	$665.00
TN W MBEAM-PIU-R	(2) Whelen mirror beam front of side view mirror mounted LED's with SOLO ION series light heads (RED).	$665.00
TN W MBEAM-PIU-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with SOLO ION series light heads (one RED/one BLUE).	$665.00
TN W SLICK1-21B-PIU-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,455.00
TN W SLICK1-21B-PIU-R	Whelen XLP SOLO Front and RST SOLO Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,455.00
TN W SLICK1-21B-PIU-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,455.00
TN W SLICK1-HH-PIU-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (BLUE).	$3,790.00
TN W SLICK1-HH-PIU-R	Whelen XLP SOLO Front and RST SOLO Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, Rotary knob Controller, speaker, and bracket (RED).	$3,790.00
TN W SLICK1-HH-PIU-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED/BLUE).	$3,790.00
TN W SLICK1-ROT-PIU-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,385.00
TN W SLICK1-ROT-PIU-R	Whelen XLPSOLO Front and RST SOLO Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,385.00
TN W SLICK1-ROT-PIU-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,385.00
TN W SLICK2-21B-DT-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE	$6,555.00
TN W SLICK2-21B-DT-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/	$6,555.00

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TN W SLICK2-21B-DT-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED	$6,555.00
TN W SLICK2-21B-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AM	$6,065.00
TN W SLICK2-21B-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRI	$6,065.00
TN W SLICK2-21B-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBE	$6,065.00
TN W SLICK2-DUAL-21B-DT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core 21 Button Controller, Sync Module, 16 output expansion module, external ampli	$8,000.00
TN W SLICK2-DUAL-21B-DT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external ampl	$8,000.00
TN W SLICK2-DUAL-21B-DT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outer Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external ampli	$8,000.00
TN W SLICK2-DUAL-21B-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (B	$7,740.00
TN W SLICK2-DUAL-21B-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (R	$7,740.00
TN W SLICK2-DUAL-21B-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVER	$7,740.00
TN W SLICK2-DUAL-ROT-DT-PIU-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplif	$8,000.00
TN W SLICK2-DUAL-ROT-DT-PIU-RBWA	Whelen FST Front DUO, Rear DUO SPOILER Outter Edge with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion modu	$8,000.00
TN W SLICK2-DUAL-ROT-DT-PIU-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplif	$6,815.00
TN W SLICK2-DUAL-ROT-PIU-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERR	$7,740.00
TN W SLICK2-DUAL-ROT-PIU-RBWA	Whelen FST Front DUO, Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RE	$7,740.00
TN W SLICK2-DUAL-ROT-PIU-RWA	Whelen FST Front DUO, Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RE	$7,740.00
TN W SLICK2-OUT-21B-DT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(BLUE FRONT W	$6,555.00

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TN W SLICK2-OUT-21B-DT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED/B	$6,555.00
TN W SLICK2-OUT-21B-DT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED FRONT WI	$6,555.00
TN W SLICK2-OUT-21B-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$7,725.00
TN W SLICK2-OUT-21B-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 BUTTON Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERR	$7,725.00
TN W SLICK2-OUT-21B-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-OUT-ROT-DT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(BLUE FRONT	$6,555.00
TN W SLICK2-OUT-ROT-DT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED	$6,555.00
TN W SLICK2-OUT-ROT-DT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core,, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED FRONT	$6,555.00
TN W SLICK2-OUT-ROT-PIU-BWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO	$7,725.00
TN W SLICK2-OUT-ROT-PIU-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVE	$7,725.00
TN W SLICK2-OUT-ROT-PIU-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-ROT-DT-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BL	$6,555.00
TN W SLICK2-ROT-DT-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RE	$6,555.00
TN W SLICK2-ROT-DT-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RE	$6,555.00
TN W SLICK2-ROT-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO	$6,065.00
TN W SLICK2-ROT-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVER	$6,065.00
TN W SLICK2-ROT-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AM	$6,065.00

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TN W TRACER60-DUO-PIU-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (BLUE/WHITE).	$2,550.00
TN W TRACER60-DUO-PIU-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$2,550.00
TN W TRACER60-DUO-PIU-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/WHITE).	$2,550.00
TN W TRACER60-DUO-PIU-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with Interceptor mounting brackets (RED/AMBER with override to WHITE).	$2,550.00
TN W TRACER60-PIU-BW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with Interceptor mounting brackets alternating (BLUE/WHITE).	$2,225.00
TN W TRACER60-PIU-RA	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with Interceptor mounting brackets alternating (RED/AMBER).	$2,225.00
TN W TRACER60-PIU-RB	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with Interceptor mounting brackets alternating (RED/BLUE).	$2,225.00
TN W TRACER60-PIU-RW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with Interceptor mounting brackets alternating (RED/WHITE).	$2,225.00
TN W UMIRROR-PIU-BW	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES BLUE/WHITE).	$600.00
TN W UMIRROR-PIU-RA	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES RED/AMBER).	$845.00
TN W UMIRROR-PIU-RB	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES RED/BLUE).	$845.00
TN W UMIRROR-PIU-RW	(2) Whelen U-Series, 180 deg warning light with PIU under mirror mount brackets (DUO BOTH SIDES RED/WHITE).	$845.00
TN W PILLAR-PIU-BW	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,405.00
TN W PILLAR-PIU-DUO-BW	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,795.00
TN W PILLAR-PIU-DUO-BWA	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE & WHITE/AMBER).	$1,795.00
TN W PILLAR-PIU-DUO-RB	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,795.00
TN W PILLAR-PIU-DUO-RBA	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & BLUE/AMBER).	$1,795.00
TN W PILLAR-PIU-DUO-RW	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,795.00
TN W PILLAR-PIU-DUO-RWA	Whelen Police Interceptor Utility DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & WHITE/AMBER).	$1,795.00
TN W PILLAR-PIU-RB	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,405.00
TN W PILLAR-PIU-RW	Whelen Police Interceptor Utility rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,405.00
TN W SLICK2-CHH-PIU-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WIT	$6,065.00
TN W SLICK2-CHH-PIU-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE	$6,065.00
TN W SLICK2-CHH-PIU-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH	$6,065.00

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CHEVY TAHOE

TN HAV TAH-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,130.00
TN HAV TAH-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$870.00
TN HAV TAH-CON20	Havis vehicle specific 22"L x 12.5"H Angled console includes wing kit, track mount, side mount arm rest, (3) DC power outltes, (2) cup holders, and necessary blanks.	$1,265.00
TN HAV TAH-CON23	Havis vehicle specific 22"L x 12.5"H Angled console includes wing kit, track mount, side mount arm rest, (3) DC power outlets, (2) cup holders, and necessary blanks.	$1,155.00
TN HAV TAH-K9	Havis K9 Transport system powder coated white.	$5,300.00
TN PG TAH-1/2CAGE	Pro-Gard single compartment prisoner cage, Pro-Cel ½ Partition for passenger side.	$3,925.00
TN PG TAH-1/2CAGE-OSB	Pro-Gard single compartment prisoner cage, Pro-Cel ½ Partition for passenger side with officer safe seat belt.	$4,380.00
TN PG TAH-CARGO-POLY	Pro-Gard ¼" poly rear cargo barrier with filler panels.	$855.00
TN PG TAH-CARGO-WIRE	Pro-Gard steel wire cargo barrier with filler panels.	$855.00
TN PG TAH-DOOR-ABS	Pro-Gard ABS door panels.	$335.00
TN PG TAH-PB	Pro-Gard HD Tahoe push bumper.	$870.00
TN PG TAH-R-PART	Pro-Gard space saver plus RESESSED panel prisoner transport partition with lower extension panels	$1,650.00
TN PG TAH-SEAT-OSB-POLY	Pro-Gard standard transport seat with ¼" Polycarbonate window cargo barrier including officer safe seat belts.	$2,870.00
TN PG TAH-SEAT-POLY	Pro-Gard standard transport seat with ¼" Polycarbonate window cargo barrier.	$2,195.00
TN PG TAH-SWB-OEM	Pro-Gard steel window bars for use with O.E.M. door panels only.	$485.00

TAHOE WHELEN LIGHTING

TN W OUTTER-TAH	Whelen Tahoe rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,420.00
TN W OUTTER-TAH-DUO	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,785.00
TN W PILLAR-TAH	Whelen Tahoe rear pillar LED lighting includes (3) light heads per side.	$1,735.00
TN W PILLAR-TAH-DUO	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side.	$2,000.00
TN W ARGES1-TAH-1	Whelen Arges dedicated spot lamp with control head with TAHOE Utility specific Arges mount.	$1,285.00
TN W ARGES1-TAH-2	Dual Whelen Arges dedicated spot lamps with control head and TAHOE Utility specific driver and passenger Arges mounts.	$2,285.00
TN W EDGE2-21B-TAH-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-21B-TAH-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-21B-TAH-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$5,445.00

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TN W EDGE2-HH-TAH-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,035.00
TN W EDGE2-ROT-TAH-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-ROT-TAH-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-ROT-TAH-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$5,445.00
TN W HOWLER-TAH	Whelen low frequency supplemental siren, with TAHOE Utility mounting bracket.	$1,200.00
TN W LEGACY-C21B-DT-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-DT-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-DT-TAH-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-DT-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVER	$5,935.00
TN W LEGACY-C21B-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$5,935.00
TN W LEGACY-C21B-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERR	$5,935.00
TN W LEGACY-CHH-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVER	$5,935.00
TN W LEGACY-CHH-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$5,935.00
TN W LEGACY-CHH-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERR	$5,935.00
TN W LEGACY-CROT-DT-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00
TN W LEGACY-CROT-DT-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00

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TN W LEGACY-CROT-DT-TAH-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00
TN W LEGACY-CROT-DT-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00
TN W LEGACY-CROT-TAH-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVE	$5,935.00
TN W LEGACY-CROT-TAH-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REA	$5,935.00
TN W LEGACY-CROT-TAH-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVE	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-TAH-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier f	$7,755.00
TN W LIBERTY-OPTI-CROT-DT-TAH-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier	$7,755.00
TN W MBEAM-TAH-B	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (BLUE).	$645.00
TN W MBEAM-TAH-R	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (RED).	$645.00
TN W MBEAM-TAH-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (one RED/one BLUE).	$645.00
TN W SLICK1-21B-TAH-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,455.00
TN W SLICK1-21B-TAH-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,455.00
TN W SLICK1-21B-TAH-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,455.00
TN W SLICK1-HH-TAH-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (BLUE).	$3,790.00
TN W SLICK1-HH-TAH-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (RED).	$3,790.00
TN W SLICK1-HH-TAH-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (RED/BLUE).	$3,790.00
TN W SLICK1-ROT-TAH-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,385.00
TN W SLICK1-ROT-TAH-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,385.00
TN W SLICK1-ROT-TAH-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,385.00
TN W SLICK2-21B-DT-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE	$6,555.00

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TN W SLICK2-21B-DT-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/	$6,555.00
TN W SLICK2-21B-DT-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED	$6,555.00
TN W SLICK2-21B-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AM	$6,065.00
TN W SLICK2-21B-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRI	$6,065.00
TN W SLICK2-21B-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBE	$6,065.00
TN W SLICK2-DUAL-21B-DT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external ampl	$8,000.00
TN W SLICK2-DUAL-21B-DT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external ampl	$8,000.00
TN W SLICK2-DUAL-21B-DT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external ampl	$8,000.00
TN W SLICK2-DUAL-21B-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH	$7,740.00
TN W SLICK2-DUAL-21B-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVER	$7,740.00
TN W SLICK2-DUAL-ROT-DT-TAH-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplif	$8,000.00
TN W SLICK2-DUAL-ROT-DT-TAH-RBWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplif	$8,000.00
TN W SLICK2-DUAL-ROT-DT-TAH-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplif	$8,000.00
TN W SLICK2-DUAL-ROT-TAH-BWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERR	$7,740.00
TN W SLICK2-DUAL-ROT-TAH-RBWA	Whelen FST Front DUO, Rear DUO Outter Edge SPOILER with 6-LED Ion series light heads, and Rear OUTER EDGE Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RE	$7,740.00
TN W SLICK2-DUAL-ROT-TAH-RWA	Whelen FST Front DUO, Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRI	$7,740.00
TN W SLICK2-OUT-21B-DT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(BLUE FRONT W	$6,555.00

ALL PRICES INCLUDE FREIGHT AND INSTALLATION

TN W SLICK2-OUT-21B-DT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED/BLUE FRO	$6,555.00
TN W SLICK2-OUT-21B-DT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED FRONT WI	$6,555.00
TN W SLICK2-OUT-21B-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-OUT-21B-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO	$6,065.00
TN W SLICK2-OUT-21B-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-OUT-ROT-DT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(BLUE FRONT	$6,555.00
TN W SLICK2-OUT-ROT-DT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED/BLUE F	$6,555.00
TN W SLICK2-OUT-ROT-DT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets(RED FRONT	$6,555.00
TN W SLICK2-OUT-ROT-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER)	$6,065.00
TN W SLICK2-OUT-ROT-TAH-RBWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE T	$6,065.00
TN W SLICK2-OUT-ROT-TAH-RWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-ROT-DT-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (	$6,555.00
TN W SLICK2-ROT-DT-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (	$6,555.00
TN W SLICK2-ROT-DT-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, S Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (	$6,555.00
TN W SLICK2-ROT-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO	$6,065.00
TN W SLICK2-ROT-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVER	$6,065.00
TN W SLICK2-ROT-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AM	$6,065.00

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TN W TRACER60-DUO-TAH-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (BLUE/WHITE).	$2,645.00
TN W TRACER60-DUO-TAH-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$2,645.00
TN W TRACER60-DUO-TAH-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (RED/WHITE).	$2,645.00
TN W TRACER60-DUO-TAH-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with TAHOE mounting brackets (RED/AMBER with override to WHITE).	$2,645.00
TN W TRACER60-TAH-BW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with TAHOE mounting brackets alternating (BLUE/WHITE).	$2,320.00
TN W TRACER60-TAH-RA	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with TAHOE mounting brackets alternating (RED/AMBER).	$2,320.00
TN W TRACER60-TAH-RB	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with TAHOE mounting brackets alternating (RED/BLUE).	$2,320.00
TN W TRACER60-TAH-RW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with TAHOE mounting brackets alternating (RED/WHITE).	$2,320.00
TN W UMIRROR-TAH-BW	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES BLUE/WHITE).	$845.00
TN W UMIRROR-TAH-RA	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES RED/AMBER).	$845.00
TN W UMIRROR-TAH-RB	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES RED/BLUE).	$845.00
TN W UMIRROR-TAH-RW	(2) Whelen U-Series, 180 deg warning light with TAHOE under mirror mount brackets (DUO BOTH SIDES RED/WHITE).	$845.00
TN W OUTTER-TAH-BW	Whelen Tahoe rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/WHITE).	$1,420.00
TN W OUTTER-TAH-DUO-BW	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/WHITE).	$1,785.00
TN W OUTTER-TAH-DUO-BWA	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (BLUE/AMBER & WHITE/AMBER).	$1,785.00
TN W OUTTER-TAH-DUO-RB	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/BLUE).	$1,785.00
TN W OUTTER-TAH-DUO-RBA	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/AMBER & BLUE/AMBER).	$1,785.00
TN W OUTTER-TAH-DUO-RW	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/WHITE).	$1,785.00
TN W OUTTER-TAH-DUO-RWA	Whelen Tahoe DUO rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/AMBER & WHITE/AMBER).	$1,785.00
TN W OUTTER-TAH-RB	Whelen Tahoe rear outer edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler (RED/BLUE).	$1,420.00
TN W OUTTER-TAH-RW	Whelen Tahoe rear outter edge LED lighting includes (3) light heads per side, mounted along exterior surface of rear spoiler.	$1,420.00
TN W PILLAR-TAH-BW	Whelen Tahoe OUTER EDGE rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,735.00
TN W PILLAR-TAH-DUO-BW	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$2,000.00
TN W PILLAR-TAH-DUO-BWA	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE & WHITE/AMBER).	$2,000.00
TN W PILLAR-TAH-DUO-RB	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$2,000.00
TN W PILLAR-TAH-DUO-RBA	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & BLUE/AMBER).	$2,000.00

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TN W PILLAR-TAH-DUO-RW	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$2,000.00
TN W PILLAR-TAH-DUO-RWA	Whelen Tahoe DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE & AMBER/WHITE)	$2,000.00
TN W PILLAR-TAH-RB	Whelen Tahoe rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,735.00
TN W PILLAR-TAH-RW	Whelen Tahoe rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,735.00
TN W SLICK2-CHH-TAH-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WI	$6,065.00
TN W SLICK2-CHH-TAH-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE	$6,065.00
TN W SLICK2-CHH-TAH-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH	$6,065.00
TN W SLICK2-DUAL-21B-TAH-BWA	Whelen FST Front DUO and Rear DUO Outter Edge with 6-LED Ion series light heads, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external ampl	$7,740.00

DODGE DURANGO

TN HAV DUR-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$955.00
TN HAV DUR-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$720.00
TN HAV DUR-CON20	Havis 20"L x 10"H vehicle specific console includes mounting, side mount arm rest, (2) DC power outlets, (2) cup holders, and necessary blanks.	$1,540.00
TN HAV DUR-K9	Havis K9 Transport system powder coated white.	$5,300.00
TN PG DUR- FLOOR-PAN	Pro-gard charcoal grey ABS floor pan	$440.00
TN PG DUR-CARGO-POLY	Pro-gard - ¼" poly cargo barrier with filler panels.	$885.00
TN PG DUR-CARGO-WIRE	Pro-Gard 7 gauge steel wire cargo barrier with filler panels.	$885.00
TN PG DUR-PB	Pro-Gard push bumper.	$870.00
TN PG DUR-R-PART	Pro-gard RESESSED panel partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,650.00
TN PG DUR-SEAT-POLY	Pro-Gard charcoal grey ABS standard prisoner transport seat w/ 1/4" poly window cargo barrier and outboard seat belts.	$2,870.00
TN PG DUR-SEAT-WIRE	Pro-Gard charcoal grey ABS standard prisoner transport seat w/ 1/4" steel screen window cargo barrier and outboard seat belts.	$2,870.00
TN PG DUR-PWB	Pro-Gard poly window bars (for use with O.E.M. door panels only)	$485.00

DURANGO WHELEN LIGHTING

TN W PILLAR-DUR	Whelen Durango rear pillar LED lighting includes (3) light heads per side.	$1,405.00
TN W PILLAR-DUR-DUO	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side.	$1,795.00
TN W ARGES1-DUR-1	Whelen Arges dedicated spot lamp with control head with DURANGO Utility specific Arges mount.	$1,285.00
TN W ARGES1-DUR-2	Dual Whelen Arges dedicated spot lamps with control head and DURANGO Utility specific driver and passenger Arges mounts.	$2,285.00

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TN W EDGE2-21B-DUR-BWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER)	$5,445.00
TN W EDGE2-21B-DUR-RBWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-21B-DUR-RWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, photo cell, takedown lights, alley lights, mounting kit, Core-S, 21-Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMB	$5,445.00
TN W EDGE2-HH-DUR-RBWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200 light/siren controller, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVE	$4,035.00
TN W EDGE2-ROT-DUR-BWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights,PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER	$5,445.00
TN W EDGE2-ROT-DUR-RBWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights,PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO A	$5,445.00
TN W EDGE2-ROT-DUR-RWA	Whelen Edge 9X 48" lightbar with full duo LED Modules, traffic advisor, photo cell, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE RED AND REAR OVERRIDE TO A	$5,445.00
TN W HOWLER-DUR	Whelen low frequency supplemental siren, with DURANGO Utility mounting bracket.	$965.00
TN W LEGACY-C21B-DT-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for	$6,425.00
TN W LEGACY-C21B-DT-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for	$6,425.00
TN W LEGACY-C21B-DT-DUR-RGWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21-Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) sp	$6,425.00
TN W LEGACY-C21B-DT-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21-Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) spe	$6,425.00
TN W LEGACY-C21B-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO	$5,935.00
TN W LEGACY-C21B-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRI	$5,935.00
TN W LEGACY-C21B-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21-Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO	$5,935.00
TN W LEGACY-CHH-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE Hand Held controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO	$5,935.00
TN W LEGACY-CHH-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRID	$5,935.00

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TN W LEGACY-CHH-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO A	$5,935.00
TN W LEGACY-CROT-DT-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier fo	$6,425.00
TN W LEGACY-CROT-DT-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier fo	$6,425.00
TN W LEGACY-CROT-DT-DUR-RGWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) s	$6,425.00
TN W LEGACY-CROT-DT-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) s	$6,425.00
TN W LEGACY-CROT-DUR-BWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE	$5,935.00
TN W LEGACY-CROT-DUR-RBWA	Whelen Legacy 48" lightbar with DUO LED Modules, built in SYNC module, Brake/Turn/Tail modules, traffic advisor, dedicated takedown lights, dedicated alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED/BLUE WITH FRONT OVERR	$5,935.00
TN W LEGACY-CROT-DUR-RWA	Whelen Legacy 48" lightbar with full DUO LED Modules, built in SYNC module, photo cell, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE T	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-DUR-RGWA	Whelen Liberty 48" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00
TN W LIBERTY-OPTI-CROT-DT-DUR-RGWA	Whelen Liberty 48" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$5,245.00
TN W MBEAM-DUR-B	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (BOTH SIDES BLUE).	$665.00
TN W MBEAM-DUR-R	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (BOTH SIDES RED).	$665.00
TN W MBEAM-DUR-RB	(2) Whelen mirror beam front of side view mirror mounted LED's with ION series light heads (DRIVERS SIDE RED, PASSENGER SIDE BLUE).	$665.00
TN W SLICK1-21B-DUR-B	Whelen XLP Front and RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,455.00
TN W SLICK1-21B-DUR-R	Whelen XLP Front Solo with takedown lights and RST Rear Inner Edge with mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,455.00
TN W SLICK1-21B-DUR-RB	Whelen XLP Front and RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,455.00
TN W SLICK1-HH-DUR-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, handheld Controller, speaker, and bracket (BLUE).	$3,790.00
TN W SLICK1-HH-DUR-R	Whelen XLP Front Solo with takedown lights and RST Rear Inner Edge with mounting hardware, HHS3206 siren, Rotary knob Controller, speaker, and bracket (RED).	$3,790.00
TN W SLICK1-HH-DUR-RB	Whelen SOLO XLP Front and SOLO RST Rear Inner Edge, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (RED/BLUE).	$3,790.00
TN W SLICK1-ROT-DUR-B	Whelen XLP Front and RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,385.00

ALAN JAY FLEET SALES

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TN W SLICK1-ROT-DUR-R	Whelen XLP Front Solo with takedown lights and RST Rear Inner Edge with mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,385.00
TN W SLICK1-ROT-DUR-RB	Whelen SOLO XLP Front and SOLO RST Rear Inner Edge with traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,385.00
TN W SLICK2-21B-DT-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21-Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE AND B	$6,555.00
TN W SLICK2-21B-DT-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHITE A	$6,555.00
TN W SLICK2-21B-DT-DUR-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND RE	$6,555.00
TN W SLICK2-21B-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-21B-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-21B-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-DUAL-21B-DT-DUR-BWA	Whelen FST Front DUO and Rear DUO inner Edge and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brac	$8,230.00
TN W SLICK2-DUAL-21B-DT-DUR-RBWA	Whelen FST Front DUO and Rear DUO Inner Edge with traffic advisor and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting	$8,230.00
TN W SLICK2-ROT-DT-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (BLUE FRONT WITH OVERRIDE TO WHITE A	$6,555.00
TN W SLICK2-ROT-DT-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/BLUE FRONT WITH OVERRIDE TO WHI	$6,555.00
TN W SLICK2-ROT-DT-DUR-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core-S Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED FRONT WITH OVERRIDE TO WHITE AND	$6,775.00
TN W SLICK2-ROT-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-ROT-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-ROT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W TRACER60-DUO-DUR-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (BLUE/WHITE).	$2,645.00
TN W TRACER60-DUO-DUR-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$2,645.00

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TN W TRACER60-DUO-DUR-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (RED/WHITE).	$2,645.00
TN W TRACER60-DUO-DUR-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with DURANGO mounting brackets (RED/AMBER WITH OVERRIDE TO WHITE).	$2,645.00
TN W TRACER60-DUR-BW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with DURANGO mounting brackets alternating (BLUE/WHITE).	$2,320.00
TN W TRACER60-DUR-RA	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with DURANGO mounting brackets alternating (RED/AMBER).	$2,320.00
TN W TRACER60-DUR-RB	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with DURANGO mounting brackets alternating (RED/BLUE).	$2,320.00
TN W TRACER60-DUR-RW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with DURANGO mounting brackets alternating (RED/WHITE).	$2,320.00
TN W PILLAR-DUR-BW	Whelen Durango rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,405.00
TN W PILLAR-DUR-DUO-BW	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE).	$1,795.00
TN W PILLAR-DUR-DUO-BWA	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (BLUE/WHITE & WHITE/AMBER).	$1,795.00
TN W PILLAR-DUR-DUO-RB	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,795.00
TN W PILLAR-DUR-DUO-RBA	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/AMBER & BLUE/AMBER).	$1,795.00
TN W PILLAR-DUR-DUO-RW	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,795.00
TN W PILLAR-DUR-DUO-RWA	Whelen Durango DUO rear pillar LED lighting includes (3) light heads per side (RED/WHITE & AMBER/WHITE)	$1,795.00
TN W PILLAR-DUR-RB	Whelen Durango rear pillar LED lighting includes (3) light heads per side (RED/BLUE).	$1,405.00
TN W PILLAR-DUR-RW	Whelen Durango rear pillar LED lighting includes (3) light heads per side (RED/WHITE).	$1,405.00
TN W SLICK2-CHH-DUR-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-CHH-DUR-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge with traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-CHH-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBER).	$6,065.00
TN W SLICK2-DUAL-21B-DT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillars with 6 DUO Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and m	$8,230.00
TN W SLICK2-DUAL-21B-DUR-BWA	Whelen FST Front DUO and Rear DUO Inner Edge, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, 21-Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVERR	$7,970.00
TN W SLICK2-DUAL-21B-DUR-RBWA	Whelen FST Front DUO and Rear DUO Inner Edge with traffic advisor and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REA	$7,740.00
TN W SLICK2-DUAL-21B-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE, RED REAR	$7,970.00

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TN W SLICK2-DUAL-ROT-DT-DUR-BWA	Whelen FST Front DUO and Rear DUO inner Edge and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core, rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting b	$8,230.00
TN W SLICK2-DUAL-ROT-DT-DUR-RBWA	Whelen FST Front DUO, Rear DUO Inner Edge with TRAFFIC ADVISOR and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting	$8,230.00
TN W SLICK2-DUAL-ROT-DT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillars with 6 DUO Ion series light heads, mounting hardware, Core, Rotary Knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and	$8,230.00
TN W SLICK2-DUAL-ROT-DUR-BWA	Whelen FST Front DUO and Rear DUO Inner Edge, and Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core,Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE, BLUE REAR WITH OVER	$7,970.00
TN W SLICK2-DUAL-ROT-DUR-RBWA	Whelen FST Front DUO, Rear DUO Inner Edge with traffic advisor and Rear Pillar DUO with 6-LED Ion series light heads, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE, RED/BLUE REAR	$7,740.00
TN W SLICK2-DUAL-ROT-DUR-RWA	Whelen FST Front DUO, RST Rear DUO Inner Edge with traffic advisor, Outer Edge Rear Pillar DUO with 6-LED Ion series light heads, traffic advisor, mounting hardware, Core Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE	$7,970.00

FORD F-SERIES

TN HAV FSERIES-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,015.00
TN HAV FSERIES-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$740.00
TN HAV FSERIES-CON18	Havis 18"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,085.00
TN HAV FSERIES-CON30	Havis 30"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,200.00
TN PG FSERIES-1/2CAGE	Pro-Gard single compartment prisoner cage Pro-cell, ½ Partition with OEM rear seat.	$2,645.00
TN PG FSERIES-DOOR	Pro-Gard door panels, F150 ONLY.	$335.00
TN PG FSERIES-PART	Pro-Gard poly prisoner cage with center slider window includes expanded metal insert and full extention panels (F150 ONLY)	$1,650.00
TN PG FSERIES-PB	Push Bumper - Pro-gard - Push Bumper - F150 Only	$870.00
TN PG FSERIES-SWB	Pro-Gard window armor bars, F150 ONLY.	$495.00
TN HAV FSERIES-K9	Havis K9 Transport system powder coated white.	$6,575.00

F-SERIES WHELEN LIGHTING

TN W ARGES1-F150-1	Whelen Arges dedicated spot lamp with control head with F150 Utility specific Arges mount.	$1,285.00
TN W ARGES1-F150-2	Dual Whelen Arges dedicated spot lamps with control head and F150 Utility specific driver and passenger Arges mounts.	$2,285.00
TN W EDGE2-21B-F150-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER)	$5,445.00
TN W EDGE2-21B-F150-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AM	$5,445.00
TN W EDGE2-21B-F150-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OV	$5,445.00

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TN W EDGE2-HH-F150-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,035.00
TN W EDGE2-ROT-F150-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBE	$5,445.00
TN W EDGE2-ROT-F150-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO	$5,445.00
TN W HOWLER-F150	Whelen low frequency supplemental siren, with F150 Utility mounting bracket.	$1,200.00
TN W LEGACY-C21B-DT-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual ton	$6,425.00
TN W LEGACY-C21B-DT-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual ton	$6,425.00
TN W LEGACY-C21B-DT-F150-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual ton	$6,425.00
TN W LEGACY-C21B-DT-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual ton	$6,425.00
TN W LEGACY-C21B-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE A	$5,935.00
TN W LEGACY-C21B-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$5,935.00
TN W LEGACY-C21B-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AN	$5,935.00
TN W LEGACY-CHH-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE A	$5,935.00
TN W LEGACY-CHH-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHI	$5,935.00
TN W LEGACY-CHH-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AN	$5,935.00
TN W LEGACY-CROT-DT-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual t	$6,425.00
TN W LEGACY-CROT-DT-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual t	$6,425.00
TN W LEGACY-CROT-DT-F150-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual t	$6,425.00

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TN W LEGACY-CROT-DT-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual t	$6,425.00
TN W LEGACY-CROT-F150-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE	$5,935.00
TN W LEGACY-CROT-F150-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REA	$5,935.00
TN W LEGACY-CROT-F150-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-F150-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, 21 Button combination light/siren controller, Sync Module, (1) expansion module, (1) external	$7,755.00
TN W LIBERTY-OPTI-CROT-DT-F150-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, CORE, Rotary Knob combination light/siren controller, Sync Module, (1) expansion module, (1) externa	$7,755.00
TN W SLICK1-21B-F150-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,455.00
TN W SLICK1-21B-F150-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,455.00
TN W SLICK1-21B-F150-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,455.00
TN W SLICK1-HH-F150-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (BLUE).	$3,790.00
TN W SLICK1-HH-F150-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED).	$3,790.00
TN W SLICK1-HH-F150-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED/BLUE).	$3,790.00
TN W SLICK1-ROT-F150-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,385.00
TN W SLICK1-ROT-F150-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,385.00
TN W SLICK1-ROT-F150-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,385.00
TN W SLICK2-21B-DT-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/	$6,555.00
TN W SLICK2-21B-F150-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AM	$6,065.00
TN W SLICK2-21B-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRI	$6,065.00
TN W SLICK2-21B-F150-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBE	$6,065.00

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TN W SLICK2-ROT-DT-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (	$6,555.00
TN W SLICK2-ROT-F150-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO	$6,065.00
TN W SLICK2-ROT-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVER	$6,065.00
TN W SLICK2-ROT-F150-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AM	$6,065.00
TN W TRACER60-DUO-F150-BW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (BLUE/WHITE).	$2,645.00
TN W TRACER60-DUO-F150-RBW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$2,645.00
TN W TRACER60-DUO-F150-RW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (RED/WHITE).	$2,645.00
TN W TRACER60-DUO-F150-RWA	(2) Whelen 60" DUO color Tracers (5 lamp housing) with F150 mounting brackets (RED/AMBER WITH OVERRIDE TO WHITE).	$2,645.00
TN W TRACER60-F150-BW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with F150 mounting brackets alternating (BLUE/WHITE).	$2,320.00
TN W TRACER60-F150-RA	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with F150 mounting brackets alternating (RED/AMBER).	$2,320.00
TN W TRACER60-F150-RB	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with F150 mounting brackets alternating (RED/BLUE).	$2,320.00
TN W TRACER60-F150-RW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with F150 mounting brackets alternating (RED/WHITE).	$2,320.00
TN W SLICK2-CHH-F150-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WI	$6,065.00
TN W SLICK2-CHH-F150-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE	$6,065.00
TN W SLICK2-CHH-F150-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH	$6,065.00

CHEVY SILVERADO

TN HAV SILV-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,025.00
TN HAV SILV-CON18	Havis 18"L x 10"H console includes track mount, side mount arm rest, (3) DC power outltes, (2) cup holders, and necessary blanks.	$1,125.00
TN HAV SILV-CON30	Havis 30"L x 10"H console includes track mount, side mount arm rest, (3) DC power outlets, (2) cup holders, and necessary blanks.	$1,240.00
TN PG SILV-1/2CAGE	Pro-Gard single compartment prisoner cage Pro-cell, ½ Partition with OEM rear seat.	$2,645.00
TN PG SILV-PB	Pro-gard - Push Bumper	$870.00
TN PG SILV-R-PART	Pro-Gard RESESSED panel prisoner partition with poly center slider window and expanded metal insert.	$1,650.00
TN PG SILV-SWB	Pro-Gard window armor bars.	$485.00

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SILVERADO WHELEN LIGHTING

TN W ARGES1-SILV-1	Whelen Arges dedicated spot lamp with control head with SILVERADO Utility specific Arges mount.	$1,285.00
TN W ARGES1-SILV-2	Dual Whelen Arges dedicated spot lamps with control head and SILVERADO Utility specific driver and passenger Arges mounts.	$2,285.00
TN W EDGE2-21B-SILV-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-21B-SILV-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-21B-SILV-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-HH-SILV-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,480.00
TN W EDGE2-ROT-SILV-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-ROT-SILV-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,295.00
TN W HOWLER-SILV	Whelen low frequency supplemental siren, with SILVERADO Utility mounting bracket.	$1,200.00
TN W LEGACY-C21B-DT-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-DT-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-DT-SILV-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-DT-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, and	$6,425.00
TN W LEGACY-C21B-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVER	$5,935.00
TN W LEGACY-C21B-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$5,935.00
TN W LEGACY-C21B-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERR	$5,935.00
TN W LEGACY-CHH-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller,speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERR	$5,935.00

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TN W LEGACY-CHH-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR	$5,935.00
TN W LEGACY-CHH-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERR	$5,935.00
TN W LEGACY-CROT-DT-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00
TN W LEGACY-CROT-DT-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00
TN W LEGACY-CROT-DT-SILV-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE ,Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, a	$6,425.00
TN W LEGACY-CROT-DT-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE Rotary Knob combination light/siren controller, (1) expansion module, (1) external amplifier for dual tone siren, an	$6,425.00
TN W LEGACY-CROT-SILV-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OV	$5,935.00
TN W LEGACY-CROT-SILV-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REA	$5,935.00
TN W LEGACY-CROT-SILV-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVE	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-SILV-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier f	$13,950.00
TN W LIBERTY-OPTI-CROT-DT-SILV-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, Sync Module, (1) expansion module, (1) external amplifier	$7,755.00
TN W SLICK1-21B-SILV-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,455.00
TN W SLICK1-21B-SILV-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,455.00
TN W SLICK1-21B-SILV-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,455.00
TN W SLICK1-HH-SILV-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (BLUE).	$3,790.00
TN W SLICK1-HH-SILV-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED).	$3,790.00
TN W SLICK1-HH-SILV-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED/BLUE).	$3,790.00
TN W SLICK1-ROT-SILV-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,385.00
TN W SLICK1-ROT-SILV-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,385.00

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TN W SLICK1-ROT-SILV-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,385.00
TN W SLICK2-21B-DT-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/	$6,555.00
TN W SLICK2-21B-SILV-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AM	$6,065.00
TN W SLICK2-21B-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRI	$6,065.00
TN W SLICK2-21B-SILV-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBE	$6,065.00
TN W SLICK2-ROT-DT-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core-S, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (	$6,555.00
TN W SLICK2-ROT-SILV-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO	$6,065.00
TN W SLICK2-ROT-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVER	$6,065.00
TN W SLICK2-ROT-SILV-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AM	$6,065.00
TN W TRACER60-DUO-SILV-BW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (BLUE/WHITE).	$2,645.00
TN W TRACER60-DUO-SILV-RBW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$2,645.00
TN W TRACER60-DUO-SILV-RW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (RED/WHITE).	$2,645.00
TN W TRACER60-DUO-SILV-RWA	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with SILVERADO mounting brackets (RED/AMBER with override to WHITE).	$2,645.00
TN W TRACER60-SILV-BW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with SILVERADO mounting brackets alternating (BLUE/WHITE).	$2,320.00
TN W TRACER60-SILV-RA	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with SILVERADO mounting brackets alternating (RED/AMBER).	$2,320.00
TN W TRACER60-SILV-RB	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with SILVERADO mounting brackets alternating (RED/BLUE).	$2,320.00
TN W TRACER60-SILV-RW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with SILVERADO mounting brackets alternating (RED/WHITE).	$2,320.00
TN W SLICK2-CHH-SILV-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WI	$6,065.00
TN W SLICK2-CHH-SILV-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE	$6,065.00
TN W SLICK2-CHH-SILV-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH	$6,065.00

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RAM PICKUP

TN HAV RAM-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,030.00
TN HAV RAM-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$770.00
TN HAV RAM-CON22	Havis vehicle specific 22"L x 10"H console includes (2) 12V outlets, USB/AUX relocation plate, (1) built in accessory pocket, (2) cupholders, side mount arm rest, and necessary blanks.	$1,240.00
TN PG RAM-PART	Pro-gard partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,650.00
TN PG RAM-PB	Pro-Gard push bumper.	$940.00
TN PG RAM-SWB	Pro-Gard steel window bars (for use with O.E.M. door panels only).	$485.00

RAM WHELEN LIGHTING

TN W EDGE2-21B-RAM-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,740.00
TN W EDGE2-21B-RAM-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,740.00
TN W EDGE2-21B-RAM-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMBER).	$5,445.00
TN W EDGE2-HH-RAM-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, HHS3200, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,035.00
TN W EDGE2-ROT-RAM-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,740.00
TN W EDGE2-ROT-RAM-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,740.00
TN W LEGACY-C21B-DT-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-DT-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-DT-RAM-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-DT-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-C21B-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00

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TN W LEGACY-C21B-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CHH-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CHH-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CHH-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$4,575.00
TN W LEGACY-CROT-DT-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,425.00
TN W LEGACY-CROT-DT-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,425.00
TN W LEGACY-CROT-DT-RAM-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,425.00
TN W LEGACY-CROT-DT-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,425.00
TN W LEGACY-CROT-RAM-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CROT-RAM-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CROT-RAM-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-RAM-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00
TN W LIBERTY-OPTI-CROT-DT-RAM-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00

FORD EXPEDITION

TN HAV EXP-CM-PREM	Havis passenger seat mount computer mount stand, premium with slide feature. (cradle sold separately)	$1,015.00
TN HAV EXP-CM-STD	Havis passenger seat mount computer mount stand, standard. (cradle sold separately)	$740.00
TN HAV EXP-CON18	Havis 18"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,085.00
TN HAV EXP-CON30	Havis 30"L x 10"H console with tunnel mount plate, (3) 12V outlets, (2) cupholders, armrest, and necessay blanks.	$1,200.00
TN PG EXP-CARGO-POLY	Pro-Gard - ¼" poly cargo barrier with filler panels for use with side curtain airbags in SSV only.	$885.00
TN PG EXP-CARGO-WIRE	Pro-Gard - 7 gauge steel wire cargo barrier with filler panels for use with side curtain airbags in SSV only.	$885.00

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TN PG EXP-PART	Pro-gard partition includes poly center slider window with expanded metal insert and lower extension panel.	$1,650.00
TN PG EXP-PB	Pro-Gard push bumper.	$870.00
TN HAV EXP-K9	Havis K9 Transport system powder coated white.	$5,390.00

EXPEDITION WHELEN LIGHTING

TN W ARGES1-EXP-1	Whelen Arges dedicated spot lamp with control head with EXPEDITION specific DRIVERS SIDE Arges mount.	$1,285.00
TN W EDGE2-21B-EXP-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER)	$5,445.00
TN W EDGE2-21B-EXP-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AM	$5,445.00
TN W EDGE2-21B-EXP-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, 21-Button Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO AMB	$5,445.00
TN W EDGE2-HH-EXP-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, HHS3200 light/siren controller, Hand Held Controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVE	$4,035.00
TN W EDGE2-ROT-EXP-BWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBE	$5,445.00
TN W EDGE2-ROT-EXP-RBWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO	$5,445.00
TN W EDGE2-ROT-EXP-RWA	Whelen Edge 9X 54" lightbar with full duo LED Modules, traffic advisor, takedown lights, alley lights, PHOTO CELL, mounting kit, Core-S, Rotary knob Controller, Sync Module, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND RED REAR OVERRIDE TO A	$5,445.00
TN W HOWLER-EXP	Whelen WCX low frequency supplemental siren, with EXPEDITION mounting bracket.	$965.00
TN W LEGACY-C21B-DT-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,195.00
TN W LEGACY-C21B-DT-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-DT-EXP-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-DT-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih moun	$6,425.00
TN W LEGACY-C21B-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-C21B-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00

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TN W LEGACY-C21B-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CHH-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CHH-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CHH-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Hand Held controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CROT-DT-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,195.00
TN W LEGACY-CROT-DT-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,425.00
TN W LEGACY-CROT-DT-EXP-RGWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mou	$6,425.00
TN W LEGACY-CROT-DT-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, (1) expansion module, (1) external amplifier for dual tone siren, and (2) speakers wtih mo	$6,425.00
TN W LEGACY-CROT-EXP-BWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CROT-EXP-RBWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, speaker, and bracket (RED/BLUE WITH FRONT OVERRIDE TO WHITE AND REAR OVERRIDE TO AMBER).	$5,935.00
TN W LEGACY-CROT-EXP-RWA	Whelen Legacy lightbar with full DUO LED Modules, built in SYNC module, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob combination light/siren controller, speaker, and bracket (RED WITH FRONT OVERRIDE TO WHITE AND REAR OVE	$5,935.00
TN W LIBERTY-OPTI-C21B-DT-EXP-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, 21 Button controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00
TN W LIBERTY-OPTI-CROT-DT-EXP-RGWA	Whelen Liberty 54" lightbar with full DUO LED Modules, built in OPTICOM emitter, traffic advisor, takedown lights, alley lights, mounting kit, CORE, Rotary Knob controller, Sync Module, (1) expansion module, (1) external amplifier for dual tone siren, and	$7,755.00
TN W SLICK1-21B-EXP-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (BLUE).	$5,455.00
TN W SLICK1-21B-EXP-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED).	$5,455.00
TN W SLICK1-21B-EXP-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,455.00
TN W SLICK1-HH-EXP-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200, HANDHELD Controller, speaker, and bracket (BLUE).	$3,790.00
TN W SLICK1-HH-EXP-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HHS3200 combination light/siren Rotary knob Controller, speaker, and bracket (RED).	$3,790.00

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TN W SLICK1-HH-EXP-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, HH3200, HANDHELD Controller, speaker, and bracket (RED/BLUE).	$3,790.00
TN W SLICK1-ROT-EXP-B	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (BLUE).	$5,385.00
TN W SLICK1-ROT-EXP-R	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED).	$5,385.00
TN W SLICK1-ROT-EXP-RB	Whelen XLP Front and RST Rear Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core-S, Rotary Knob Controller, Sync Module, speaker, and bracket (RED/BLUE).	$5,385.00
TN W SLICK2-21B-DT-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RED/	$6,555.00
TN W SLICK2-21B-EXP-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO AM	$6,065.00
TN W SLICK2-21B-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERRI	$6,065.00
TN W SLICK2-21B-EXP-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, 21 Button Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AMBE	$6,065.00
TN W SLICK2-HH-EXP-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WI	$3,795.00
TN W SLICK2-HH-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE	$4,145.00
TN W SLICK2-HH-EXP-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, takedown lights, mounting hardware, Core, Hand Held Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH	$4,145.00
TN W SLICK2-ROT-DT-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, 16 output expansion module, external amplifier, (2) speakers, and mounting brackets (RE	$6,555.00
TN W SLICK2-ROT-EXP-BWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (BLUE FRONT WITH OVERRIDE TO WHITE AND BLUE REAR WITH OVERRIDE TO	$6,065.00
TN W SLICK2-ROT-EXP-RBWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware,Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED/BLUE FRONT WITH OVERRIDE TO WHITE AND RED/BLUE REAR WITH OVERR	$6,065.00
TN W SLICK2-ROT-EXP-RWA	Whelen FST Front DUO and RST Rear DUO Inner Edge interior visor lights with LED Modules, traffic advisor, mounting hardware, Core, Rotary knob Controller, Sync Module, speaker, and bracket (RED FRONT WITH OVERRIDE TO WHITE AND RED REAR WITH OVERRIDE TO AM	$6,065.00
TN W TRACER60-DUO-EXP-BW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (BLUE/WHITE).	$2,645.00
TN W TRACER60-DUO-EXP-RBW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (RED/BLUE WITH OVERRIDE TO WHITE).	$2,645.00
TN W TRACER60-DUO-EXP-RW	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (RED/WHITE).	$2,645.00
TN W TRACER60-DUO-EXP-RWA	(2) Whelen 60" DUO color Tracers (5 lamp housing) with EXPEDITION mounting brackets (RED/AMBER WITH OVERRIDE TO WHITE).	$2,645.00

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TN W TRACER60-EXP-BW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with EXPEDITION mounting brackets alternating (BLUE/WHITE).	$2,320.00
TN W TRACER60-EXP-RA	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with EXPEDITION mounting brackets alternating (RED/AMBER).	$2,320.00
TN W TRACER60-EXP-RB	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with EXPEDITION mounting brackets alternating (RED/BLUE).	$2,320.00
TN W TRACER60-EXP-RW	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with EXPEDITION mounting brackets alternating (RED/WHITE).	$2,320.00

WHELEN GENERIC

TN H CG-X	HAVIS CHARGE GUARD BATTERY RUN DOWN PROTECTION, INSTALLED.	$225.00
TN LED BULB	Whelen LED replacement bulb for left hand spot lamps.	$310.00
TN LED BULB 2	Whelen LED replacement bulbs for left and right hand spot lamps.	$625.00
TN PG 1GUN-MNT	Pro-Gard vertical partition mount SINGLE weapon tri-Lock gun rack with handcuff key	$795.00
TN PG 2GUN-MNT	Pro-Gard vertical partition mount DUAL weapon tri-Lock gun rack with handcuff key	$955.00
TN PKG-PSM-UNIV	Havis Universal compunter mount stand, cradle sold separately.	$795.00
TN RAM-VB-196-SW1	RAM universal laptop mounting kit with universal cradle.	$590.00
TN W 295-CONT	Whelen 295SLSA6 controller with Whelen 100/200W Scan-Lock Self-Contained Siren/Switch.	$945.00
TN W 6-SWITCH	Whelen 6-switch contoller.	$160.00
TN W ARGES1	Whelen Arges dedicated spot lamp with control head and vehicle specific Arges mount.	$1,415.00
TN W ARGES2	Whelen Arges ProFocus spot/floor combination lamp with control head and vehicle specific Arges mount.	$1,390.00
TN W AVENGER-BKT	Whelen dual Avenger headliner bracket.	$30.00
TN W AVGR-D-HLB	Whelen dual Avenger with single color per light head with headliner mount bracket.	$570.00
TN W AVGR-D-UNIV	Whelen dual Avenger with single color per light head with universal mount.	$545.00
TN W AVGR-DUO-HLB	Whelen single Avenger, dual color with headliner mount bracket.	$445.00
TN W AVGR-DUO-UNIV	Whelen single Avenger, dual color with universal mount.	$420.00
TN W AVGR-HLB	Whelen single Avenger with headliner mount bracket, single color.	$420.00
TN W AVGR-UNIV	Whelen single Avenger universal mount, single color.	$395.00
TN W AVP	Whelen administrative vehicle package includes (4) dual avengers with (2) mounted in front windshield with headliner brackets and (2) mounted in rear glass, (2) T-series light heads mounted on L-brackets in grille, and (2) T-series light heads mounted on	$3,720.00
TN W DAVGR-D-HLB	Whelen dual Avenger, duo color per light with headliner mount bracket	$600.00
TN W DAVGR-D-UNIV	Whelen dual Avenger, duo color per light with universal mount.	$575.00
TN W DOM6	Whelen Dominator 6-LED traffic advisor with mount brackets, requires controller.	$975.00
TN W DOM8	Whelen Dominator 8-LED traffic advisor with moun brackets, requires controller.	$1,175.00
TN W DOM-CONT	Whelen Traffic advisor controller.	$125.00
TN W DOME-RW	Whelen low profile LED red/white dome light with built in switch.	$345.00
TN W HATCH	Whelen perimiter enhancement light.	$410.00
TN W HHS3200-LC	Whelen HHS3200 hand held conrtoller Whelen 100/200W Scan-Lock Self-Contained Siren/Switch for low current applications.	$870.00

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TN W HLF-UNIV	Whelen - Headlight flashers, solid state (Does Not Work with All Vehicles)	$330.00
TN W HOWLER WEC-X	Whelen single low frequency supplemental siren, with universal mounting bracket.	$965.00
TN W INNER-F-FST	Whelen solo color Front Interior Lightbar with eight 6-LED lamps, upper front unit that fits snugly against the front window of the vehicle, individual driver and passenger side units, with two LED flashing/take-downs (one per housing).	$1,335.00
TN W INNER-F-XLP	Whelen EXTRA low profile solo color Front Interior Lightbar with eight 6-LED lamps, upper front unit that fits snugly against the front window of the vehicle, individual driver and passenger side units, with two LED flashing/take-downs (one per housing).	$1,405.00
TN W INNER-REAR-LC	Whelen solo interior sedan/suv rear inner edge with mounting tray.	$1,345.00
TN W ION-2	(2) Whelen Wide Angle ION series light head universal mount with bracket (Single color or "Split" only)	$485.00
TN W ION-DUO-2	(2) Whelen dual color ION series universal mount light heads.	$545.00
TN W ION-SM-2	(2) Whelen Wide Angle ION series surface mount light heads (Single color or "Split" only).	$485.00
TN W IONV-2	(2) Whelen ION-V series light head with puddle light and mounting bracket.	$815.00
TN W L31HAF	WHELEN L31 - 4" x 7.2" Amber beacon, installed.	$775.00
TN W LEGACY48-AW	Whelen 48" Legacy WCX DUO light bar (AMBER/WHITE) with adjustable feet & Strap kit.	$3,795.00
TN W LEGACY54-AW	Whelen 54" Legacy WCX DUO light bar (AMBER/WHITE) with adjustable feet & Strap kit.	$3,795.00
TN W LIBERTY48-AA	Whelen 48" Liberty II solo light bar (AMBER) with adjustable feet & strap kit.	$3,905.00
TN W LIBERTY54-AA	Whelen 54" Liberty II solo light bar (AMBER) with adjustable feet & strap kit.	$3,905.00
TN W M4-2	(2) Whelen M4 series SOLID color light heads with black surround.	$605.00
TN W M4-FLANGE-BL	(2) Whelen M4 Flange Mounts	$20.00
TN W M4-SPLIT-2	(2) Whelen M4 series Dual color light heads with black surround.	$700.00
TN W MCRN-2	(2) Whelen Micron series light heads surface mount.	$470.00
TN W MCRN-2-LB	(2) Whelen Micron series light heads surface mount with L-brackets.	$500.00
TN W MCRN-2-TAG	(2) Whelen Micron series light heads surface mounted with tag mount bracket.	$505.00
TN W MCRN-L-BRACKET	(2) Whelen Micron L-Brackets	$25.00
TN W MCRN-TAG-BKT	Whelen Micron license plate mounting bracket.	$30.00
TN W RSL CC-AW	Whelen Road Side Lighting Package includes 2 (amber/white) T-Series LED's mounted in Grille, 2 (amber/white) T-Series LED's mounted to rear of body with black bezel, 1 Six head Amber directional stick installed to rear of body, Core-C programmable 6 but	$2,970.00
TN W RSL SUV-AW	Whelen Road Side Lighting Package includes 2 (AMBER/WHITE) T-Series LED's mounted in Grille, 2 (AMBER/WHITE) T-Series LED's mounted vertically on each side of vehicle above rear tail lights with black bezel, 1 Four head Amber directional stick installed i	$2,755.00
TN W RSL TRK-AW	Whelen Road Side Lighting Package includes 2 (amber/white) T-Series LED's mounted in Grille, 2 (amber/white) T-Series LED's mounted to rear tail gate with black bezel, 1 Six head Amber directional stick installed inside back glass, Core-C programmable	$2,970.00
TN W RSL VAN-AW	Whelen Road Side Lighting Package includes 2 (AMBER/WHITE) T-Series LED's mounted in Grille, 2 (AMBER/WHITE) T-Series LED's mounted vertically on each side of vehicle above rear tail lights with black bezel, 1 Four head Amber directional stick installed o	$780.00
TN W STRIPLT-2	(2) Whelen Mega-T Plus LED light solo color surface mount light heads (NO SPLIT COLORS).	$390.00
TN W STRIPLT-2-LB	(2) Whelen Mega-T Plus LED light solo color light heads with (2) 90 deg mounting L-brackets (NO SPLIT COLORS).	$520.00

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TN W STRIPLT-DUO-2	(2) Whelen Mega-T Plus LED light duo color surface mount light heads.	$550.00
TN W STRIPLT-DUO-2-LB	(2) Whelen Mega-T Plus LED light duo color light head with 90 deg mounting L-brackets.	$600.00
TN W TLI-2	(2) Whelen T-Series Single Color ultra thin light heads surface mounted.	$475.00
TN W TLI2-2	(2) Whelen T-series Dual Color light head with mounting bracket.	$520.00
TN W TLI2-LB-2	(2) Whelen T-Series DUAL color ultra thin light heads with L-bracket.	$550.00
TN W TLI2-TAG-2	(2) Whelen T-Series DUAL color ultra thin light heads mounted with tag bracket.	$560.00
TN W TLI3-2	(2) Whelen TRI color T-series ultra thin series light head surface mount.	$555.00
TN W TLI-BKT1	(2) Whelen Dual T-Series vertical L-bracket	$35.00
TN W TLI-LB-2	(2) Whelen ION "T" series ultra thin light heads with L-bracket.	$815.00
TN W TLI-TAG-2	(2) Whelen ION "T" series ultra thin light heads mounted with tag bracket	$820.00
TN W TLI-TAG-BKT	Whelen T-Series Tag bracket	$45.00
TN W TRACER12-UNIV	(2) Whelen 12" Tracers (one lamp housing) with universal mounting brackets SOLO	$1,055.00
TN W TRACER60-DUO-UNIV	(2) Whelen 60" DUO color Tracers (6 lamp housing) with universal mounting brackets	$3,100.00
TN W TRACER60-UNIV	(2) Whelen 60" SOLO color Tracers (5 lamp housing) with universal mounting brackets.	$2,225.00
TN W VERTEX-FLANGE	(2) Whelen Vertex surface mount flanges.	$20.00
TN W VERTEX-W	(2) WHELEN corner LED's to be installed in headlamps or tail lamps where possible (WHITE).	$560.00
TN W VTX609C-K8A	WHELEN FOUR CORNER LED KIT (WHITE) INSTALLED with WHELEN TWIST IN ADAPTER FOR FACTORY PREPPED HEAD LIGHTS/TAIL LIGHTS.	$955.00
TN W CEN-CORE-21	Whelen CENCOM Core remote head siren with 21 Button control center.	$1,570.00
TN W CEN-CORE-HHS	Whelen CENCOM Core remote head siren with Hand Held control center.	$1,570.00
TN W CEN-CORE-ROT	Whelen CENCOM Core remote head siren with Rotary Knob control center.	$1,570.00
TN W CEN-CORE-S	Whelen CENCOM Core S one piece siren with 21 Button control center.	$2,085.00
TN W DOM6-A	Whelen Dominator 6-LED traffic advisor with mount brackets (AMBER).	$975.00
TN W DOM8-A	Whelen Dominator 8-LED traffic advisor with mount brackets (AMBER).	$1,090.00
TN W EXP16	WHELEN 16-OUTPUT WECAN-X EXPANSION MODULE	$365.00
TN W EXP8	WHELEN 8-OUTPUT WECAN-X EXPANSION MODULE	$315.00
TN W ION2-2PB-BW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (BLUE/WHITE).	$530.00
TN W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$615.00
TN W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$660.00
TN W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$615.00
TN W ION2-2PB-RBW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (ONE RED/WHITE & ONE BLUE/WHITE).	$660.00
TN W ION2-2PB-RW	(2) Whelen ION DUAL color light heads mounted in push bumper light channel (RED/WHITE).	$660.00
TN W L10HAP	WHELEN L10 - 6" x 6.4" Amber beacon	$360.00

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TN W LEGACY48-AA	Whelen 48" Legacy WCX DUO light bar (AMBER) with adjustable feet & Strap kit.	$3,615.00
TN W SA315P	Whelen 100 watt speaker with bracket.	$465.00
TN W STRIPLT-DUO-2GL-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$600.00
TN W STRIPLT-DUO-2GL-RBW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (ONE RED/WHITE & ONE BLUE/WHITE).	$600.00
TN W STRIPLT-DUO-2GL-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$600.00
TN W STRIPLT-DUO-2RD-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (BLUE/WHITE).	$665.00
TN W STRIPLT-DUO-2RD-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/BLUE).	$665.00
TN W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$970.00
TN W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$665.00
TN W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$970.00
TN W STRIPLT-DUO-2RD-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear door glass with L-brackets (RED/WHITE).	$665.00
TN W STRIPLT-DUO-2RG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (BLUE/WHITE).	$665.00
TN W STRIPLT-DUO-2RG-RA	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/AMBER).	$565.00
TN W STRIPLT-DUO-2RG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in window glass facing aft with L-brackets (RED/BLUE).	$665.00
TN W STRIPLT-DUO-2RQG-BW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$665.00
TN W STRIPLT-DUO-2RQG-RB	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$665.00
TN W STRIPLT-DUO-2RQG-RW	(2) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$665.00
TN W STRIPLT-DUO-4GL-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (BLUE/WHITE).	$1,205.00
TN W STRIPLT-DUO-4GL-RBW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (Two RED/WHITE & Two BLUE/WHITE).	$1,205.00
TN W STRIPLT-DUO-4GL-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in grille with L-brackets (RED/WHITE).	$1,205.00
TN W STRIPLT-DUO-4RQG-BW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (BLUE/WHITE).	$1,205.00
TN W STRIPLT-DUO-4RQG-RB	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/BLUE).	$1,205.00
TN W STRIPLT-DUO-4RQG-RW	(4) Whelen Mega-T LED light duo color surface mount light heads mounted in rear quarter glass with L-brackets (RED/WHITE).	$1,205.00

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TN W TLI-12-AA	(12) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER).	$2,860.00
TN W TLI-12-AW	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER/WHITE).	$3,125.00
TN W TLI2-2FOG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (BLUE/WHITE).	$520.00
TN W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2FOG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2FOG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in the fog light position (RED/WHITE).	$520.00
TN W TLI2-2GATE-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$355.00
TN W TLI2-2GATE-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One AMBER/WHITE).	$520.00
TN W TLI2-2GATE-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2GL-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$520.00
TN W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2GL-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2GL-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$520.00
TN W TLI2-2HATCH-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (BLUE/WHITE).	$520.00
TN W TLI2-2HATCH-RA	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/AMBER).	$520.00
TN W TLI2-2HATCH-RB	(2) Whelen T-Series DUAL color ultra thin light surface mounted under hatch to be seen when gate is raised (RED/BLUE).	$520.00
TN W TLI2-2LIC-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (BLUE/WHITE).	$520.00
TN W TLI2-2LIC-RAW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One AMBER/WHITE).	$520.00
TN W TLI2-2LIC-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted adjacent to license plate, vertically (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2PB-BW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (BLUE/WHITE).	$520.00
TN W TLI2-2PB-RBW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One BLUE/WHITE).	$520.00
TN W TLI2-2PB-RW	(2) Whelen T-Series DUAL color ultra thin light surface mounted to sides of push bumper (One RED/WHITE & One RED/WHITE).	$520.00
TN W TLI2-2RD-BW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (BLUE/WHITE).	$615.00
TN W TLI2-2RD-RB	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/BLUE).	$680.00
TN W TLI2-2RD-RW	(2) Whelen T-Series DUAL color ultra thin light mounted in rear door glass with L-brackets (RED/WHITE).	$550.00
TN W TLI2-2RQG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$550.00

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TN W TLI2-2RQG-RB	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$550.00
TN W TLI2-2RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$550.00
TN W TLI2-2TAG-BW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (BLUE/WHITE).	$560.00
TN W TLI2-2TAG-RAW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One AMBER/WHITE).	$520.00
TN W TLI2-2TAG-RBW	(2) Whelen T-Series DUAL color ultra thin light mounted on a tag bracket (One RED/WHITE & One BLUE/WHITE).	$560.00
TN W TLI2-4GATE-BW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (BLUE/WHITE).	$1,040.00
TN W TLI2-4GATE-RAW	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (Two RED/WHITE & Two AMBER/WHITE).	$1,040.00
TN W TLI2-4GATE-RB	(4) Whelen T-Series DUAL color ultra thin light surface mounted to tail gate (RED/BLUE).	$1,040.00
TN W TLI2-4GL-BW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (BLUE/WHITE).	$1,040.00
TN W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$1,040.00
TN W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$1,040.00
TN W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$1,040.00
TN W TLI2-4GL-RBW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (Two RED/WHITE & Two BLUE/WHITE).	$1,040.00
TN W TLI2-4GL-RW	(4) Whelen T-Series DUAL color ultra thin light mounted in grille (RED/WHITE).	$1,040.00
TN W TLI2-4RQG-BW	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (BLUE/WHITE).	$1,105.00
TN W TLI2-4RQG-RB	(4) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/BLUE).	$1,105.00
TN W TLI2-4RQG-RW	(2) Whelen T-Series DUAL color ultra thin light mounted rear quarter glass with L-brackets (RED/WHITE).	$1,105.00
TN W TLI2-4WW-BW	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (BLUE/WHITE).	$1,040.00
TN W TLI2-4WW-RB	(2) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/BLUE).	$1,040.00
TN W TLI2-4WW-RW	(4) Whelen T-Series DUAL color ultra thin light mounted (1) over each wheel well (RED/WHITE).	$1,040.00
TN W TLI-2-AA	(2) Whelen T-Series SOLO color ultra thin light heads surface mounted (AMBER).	$235.00
TN W TLI-2-AW	(2) Whelen T-Series SOLO color ultra thin light heads surface mounted (AMBER/WHITE).	$235.00
TN W TLI-4-AA	(4) Whelen T-Series SOLO color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$950.00
TN W TLI-4-AW	(4) Whelen T-Series SOLO color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$950.00
TN W TLI-6-AA	(6) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,430.00
TN W TLI-6-AW	(6) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,430.00
TN W TLI-8-AA	(8) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER).	$1,905.00
TN W TLI-8-AW	(8) Whelen T-Series SOLO color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER/WHITE).	$1,905.00
TN W TRACER60-DUO-UNIV-AW	(2) Whelen 60" DUAL color Tracers (5 lamp housing) with universal mounting brackets (AMBER/WHITE).	$2,770.00
TN W MC16PA	Whelen Mini Century light bar(AMBER) with mounting feet. 16 INCH	$345.00
TN W TLI2-12-AA	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER).	$3,125.00

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TN W TLI2-12-AW	(12) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille, (1) over each wheel position, and (4) mounted to rear of vehicle (AMBER/WHITE).	$3,125.00
TN W TLI2-2-AA	(2) Whelen T-Series DUAL color ultra thin light heads surface mounted (AMBER).	$520.00
TN W TLI2-2-AW	(2) Whelen T-Series DUAL color ultra thin light heads surface mounted (AMBER/WHITE).	$520.00
TN W TLI2-4-AA	(4) Whelen T-Series DUAL color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,040.00
TN W TLI2-4-AW	(4) Whelen T-Series DUAL color ultra thin light heads with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,040.00
TN W TLI2-6-AA	(6) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER).	$1,560.00
TN W TLI2-6-AW	(6) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (2) mounted to rear of vehicle (AMBER/WHITE).	$1,560.00
TN W TLI2-8-AA	(8) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER).	$2,080.00
TN W TLI2-8-AW	(8) Whelen T-Series DUAL color ultra thin light heads with (4) mounted in grille and (4) mounted to rear of vehicle (AMBER/WHITE).	$2,080.00
TN W ULF44	WHELEN LOW CURRENT FLASHER FOR HALO/LED LIGHTS	$225.00

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READING SERVICE BODIES

TE SLU98-SW	8' Reading Standard Line utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$11,930.00
TE SLU108-DW	9' Reading Standard Line DRW utility body factory powder coated white with SST paddle latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$13,345.00
TE SL132-DW	11' Reading Classic II utility body reading Classic II factory powder coated white with SST Paddle Latches (Includes 2nd stage MSO, weight slip, & final-stage manufacturers completed vehicle certification.)	$15,270.00

E-Verify

Company ID Number: 1201859

THE E-VERIFY MEMORANDUM OF UNDERSTANDING FOR EMPLOYERS

ARTICLE I
PURPOSE AND AUTHORITY

The parties to this agreement are the Department of Homeland Security (DHS) and the Alan Jay Automotive Management (Employer). The purpose of this agreement is to set forth terms and conditions which the Employer will follow while participating in E-Verify.

E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of Form I-9, Employment Eligibility Verification (Form I-9). This Memorandum of Understanding (MOU) explains certain features of the E-Verify program and describes specific responsibilities of the Employer, the Social Security Administration (SSA), and DHS.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). The Federal Acquisition Regulation (FAR) Subpart 22.18, "Employment Eligibility Verification" and Executive Order 12989, as amended, provide authority for Federal contractors and subcontractors (Federal contractor) to use E-Verify to verify the employment eligibility of certain employees working on Federal contracts.

ARTICLE II
RESPONSIBILITIES

A. RESPONSIBILITIES OF THE EMPLOYER

1. The Employer agrees to display the following notices supplied by DHS in a prominent place that is clearly visible to prospective employees and all employees who are to be verified through the system:

   a. Notice of E-Verify Participation

   b. Notice of Right to Work

2. The Employer agrees to provide to the SSA and DHS the names, titles, addresses, and telephone numbers of the Employer representatives to be contacted about E-Verify. The Employer also agrees to keep such information current by providing updated information to SSA and DHS whenever the representatives' contact information changes.

3. The Employer agrees to grant E-Verify access only to current employees who need E-Verify access. Employers must promptly terminate an employee's E-Verify access if the employer is separated from the company or no longer needs access to E-Verify.

4. The Employer agrees to become familiar with and comply with the most recent version of the E-Verify User Manual.

5. The Employer agrees that any Employer Representative who will create E-Verify cases will complete the E-Verify Tutorial before that individual creates any cases.

a. The Employer agrees that all Employer representatives will take the refresher tutorials when prompted by E-Verify in order to continue using E-Verify. Failure to complete a refresher tutorial will prevent the Employer Representative from continued use of E-Verify.

6. The Employer agrees to comply with current Form I-9 procedures, with two exceptions:

a. If an employee presents a "List B" identity document, the Employer agrees to only accept "List B" documents that contain a photo. (List B documents identified in 8 C.F.R. § 274a.2(b)(1)(B)) can be presented during the Form I-9 process to establish identity.) If an employee objects to the photo requirement for religious reasons, the Employer should contact E-Verify at 888-464-4218.

b. If an employee presents a DHS Form I-551 (Permanent Resident Card), Form I-766 (Employment Authorization Document), or U.S. Passport or Passport Card to complete Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The Employer will use the photocopy to verify the photo and to assist DHS with its review of photo mismatches that employees contest. DHS may in the future designate other documents that activate the photo screening tool.

Note: Subject only to the exceptions noted previously in this paragraph, employees still retain the right to present any List A, or List B and List C, document(s) to complete the Form I-9.

7. The Employer agrees to record the case verification number on the employee's Form I-9 or to print the screen containing the case verification number and attach it to the employee's Form I-9.

8. The Employer agrees that, although it participates in E-Verify, the Employer has a responsibility to complete, retain, and make available for inspection Forms I-9 that relate to its employees, or from other requirements of applicable regulations or laws, including the obligation to comply with the antidiscrimination requirements of section 274B of the INA with respect to Form I-9 procedures.

a. The following modified requirements are the only exceptions to an Employer's obligation to not employ unauthorized workers and comply with the anti-discrimination provision of the INA: (1) List B identity documents must have photos, as described in paragraph 6 above; (2) When an Employer confirms the identity and employment eligibility of newly hired employee using E-Verify procedures, the Employer establishes a rebuttable presumption that it has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of that employee; (3) If the Employer receives a final nonconfirmation for an employee, but continues to employ that person, the Employer must notify DHS and the Employer is subject to a civil money penalty between $550 and $1,100 for each failure to notify DHS of continued employment following a final nonconfirmation; (4) If the Employer continues to employ an employee after receiving a final nonconfirmation, then the Employer is subject to a rebuttable presumption that it has knowingly

employed an unauthorized alien in violation of section 274A(a)(1)(A); and (5) no E-Verify participant is civilly or criminally liable under any law for any action taken in good faith based on information provided through the E-Verify.

b. DHS reserves the right to conduct Form I-9 compliance inspections, as well as any other enforcement or compliance activity authorized by law, including site visits, to ensure proper use of E-Verify.

9. The Employer is strictly prohibited from creating an E-Verify case before the employee has been hired, meaning that a firm offer of employment was extended and accepted and Form I-9 was completed. The Employer agrees to create an E-Verify case for new employees within three Employer business days after each employee has been hired (after both Sections 1 and 2 of Form I-9 have been completed), and to complete as many steps of the E-Verify process as are necessary according to the E-Verify User Manual. If E-Verify is temporarily unavailable, the three-day time period will be extended until it is again operational in order to accommodate the Employer's attempting, in good faith, to make inquiries during the period of unavailability.

10. The Employer agrees not to use E-Verify for pre-employment screening of job applicants, in support of any unlawful employment practice, or for any other use that this MOU or the E-Verify User Manual does not authorize.

11. The Employer must use E-Verify for all new employees. The Employer will not verify selectively and will not verify employees hired before the effective date of this MOU. Employers who are Federal contractors may qualify for exceptions to this requirement as described in Article II.B of this MOU.

12. The Employer agrees to follow appropriate procedures (see Article III below) regarding tentative nonconfirmations. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending. Further, when employees contest a tentative nonconfirmation based upon a photo mismatch, the Employer must take additional steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

13. The Employer agrees not to take any adverse action against an employee based upon the employee's perceived employment eligibility status while SSA or DHS is processing the verification request unless the Employer obtains knowledge (as defined in 8 C.F.R. § 274a.1(l)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification system to verify work authorization, a tentative nonconfirmation, a case in continuance (indicating the need for additional time for the government to resolve a case), or the finding of a photo mismatch, does not establish, and should not be interpreted as, evidence that the employee is not work authorized. In any of such cases, the employee must be provided a full and fair opportunity to contest the finding, and if he or she does so, the employee may not be terminated or suffer any adverse employment consequences based upon the employee's perceived employment eligibility status

(including denying, reducing, or extending work hours, delaying or preventing training, requiring an employee to work in poorer conditions, withholding pay, refusing to assign the employee to a Federal contract or other assignment, or otherwise assuming that he or she is unauthorized to work) until and unless secondary verification by SSA or DHS has been completed and a final nonconfirmation has been issued. If the employee does not choose to contest a tentative nonconfirmation or a photo mismatch or if a secondary verification is completed and a final nonconfirmation is issued, then the Employer can find the employee is not work authorized and terminate the employee's employment. Employers or employees with questions about a final nonconfirmation may call E-Verify at 1-888-464-4218 (customer service) or 1-888-897-7781 (worker hotline).

14. The Employer agrees to comply with Title VII of the Civil Rights Act of 1964 and section 274B of the INA as applicable by not discriminating unlawfully against any individual in hiring, firing, employment eligibility verification, or recruitment or referral practices because of his or her national origin or citizenship status, or by committing discriminatory documentary practices. The Employer understands that such illegal practices can include selective verification or use of E-Verify except as provided in part D below, or discharging or refusing to hire employees because they appear or sound "foreign" or have received tentative nonconfirmations. The Employer further understands that any violation of the immigration-related unfair employment practices provisions in section 274B of the INA could subject the Employer to civil penalties, back pay awards, and other sanctions, and violations of Title VII could subject the Employer to back pay awards, compensatory and punitive damages. Violations of either section 274B of the INA or Title VII may also lead to the termination of its participation in E-Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-8155 or 1-800-237-2515 (TDD).

15. The Employer agrees that it will use the information it receives from E-Verify only to confirm the employment eligibility of employees as authorized by this MOU. The Employer agrees that it will safeguard this information, and means of access to it (such as PINS and passwords), to ensure that it is not used for any other purpose and as necessary to protect its confidentiality, including ensuring that it is not disseminated to any person other than employees of the Employer who are authorized to perform the Employer's responsibilities under this MOU, except for such dissemination as may be authorized in advance by SSA or DHS for legitimate purposes.

16. The Employer agrees to notify DHS immediately in the event of a breach of personal information. Breaches are defined as loss of control or unauthorized access to E-Verify personal data. All suspected or confirmed breaches should be reported by calling 1-888-464-4218 or via email at E-Verify@dhs.gov. Please use "Privacy Incident – Password" in the subject line of your email when sending a breach report to E-Verify.

17. The Employer acknowledges that the information it receives from SSA is governed by the Privacy Act (5 U.S.C. § 552a(i)(1) and (3)) and the Social Security Act (42 U.S.C. 1306(a)). Any person who obtains this information under false pretenses or uses it for any purpose other than as provided for in this MOU may be subject to criminal penalties.

18. The Employer agrees to cooperate with DHS and SSA in their compliance monitoring and evaluation of E-Verify, which includes permitting DHS, SSA, their contractors and other agents, upon

reasonable notice, to review Forms I-9 and other employment records and to interview it and its employees regarding the Employer's use of E-Verify, and to respond in a prompt and accurate manner to DHS requests for information relating to their participation in E-Verify.

19. The Employer shall not make any false or unauthorized claims or references about its participation in E-Verify on its website, in advertising materials, or other media. The Employer shall not describe its services as federally-approved, federally-certified, or federally-recognized, or use language with a similar intent on its website or other materials provided to the public. Entering into this MOU does not mean that E-Verify endorses or authorizes your E-Verify services and any claim to that effect is false.

20. The Employer shall not state in its website or other public documents that any language used therein has been provided or approved by DHS, USCIS or the Verification Division, without first obtaining the prior written consent of DHS.

21. The Employer agrees that E-Verify trademarks and logos may be used only under license by DHS/USCIS (see M-795 (Web)) and, other than pursuant to the specific terms of such license, may not be used in any manner that might imply that the Employer's services, products, websites, or publications are sponsored by, endorsed by, licensed by, or affiliated with DHS, USCIS, or E-Verify.

22. The Employer understands that if it uses E-Verify procedures for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and termination of its participation in E-Verify according to this MOU.

B. RESPONSIBILITIES OF FEDERAL CONTRACTORS

1. If the Employer is a Federal contractor with the FAR E-Verify clause subject to the employment verification terms in Subpart 22.18 of the FAR, it will become familiar with and comply with the most current version of the E-Verify User Manual for Federal Contractors as well as the E-Verify Supplemental Guide for Federal Contractors.

2. In addition to the responsibilities of every employer outlined in this MOU, the Employer understands that if it is a Federal contractor subject to the employment verification terms in Subpart 22.18 of the FAR it must verify the employment eligibility of any "employee assigned to the contract" (as defined in FAR 22.1801). Once an employee has been verified through E-Verify by the Employer, the Employer may not create a second case for the employee through E-Verify.

a. An Employer that is not enrolled in E-Verify as a Federal contractor at the time of a contract award must enroll as a Federal contractor in the E-Verify program within 30 calendar days of contract award and, within 90 days of enrollment, begin to verify employment eligibility of new hires using E-Verify. The Employer must verify those employees who are working in the United States, whether or not they are assigned to the contract. Once the Employer begins verifying new hires, such verification of new hires must be initiated within three business days after the hire date. Once enrolled in E-Verify as a Federal contractor, the Employer must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.

b. Employers enrolled in E-Verify as a Federal contractor for 90 days or more at the time of a contract award must use E-Verify to begin verification of employment eligibility for new hires of the Employer who are working in the United States, whether or not assigned to the contract, within three business days after the date of hire. If the Employer is enrolled in E-Verify as a Federal contractor for 90 calendar days or less at the time of contract award, the Employer must, within 90 days of enrollment, begin to use E-Verify to initiate verification of new hires of the contractor who are working in the United States, whether or not assigned to the contract. Such verification of new hires must be initiated within three business days after the date of hire. An Employer enrolled as a Federal contractor in E-Verify must begin verification of each employee assigned to the contract within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever is later.

c. Federal contractors that are institutions of higher education (as defined at 20 U.S.C. 1001(a)), state or local governments, governments of Federally recognized Indian tribes, or sureties performing under a takeover agreement entered into with a Federal agency under a performance bond may choose to only verify new and existing employees assigned to the Federal contract. Such Federal contractors may, however, elect to verify all new hires, and/or all existing employees hired after November 6, 1986. Employers in this category must begin verification of employees assigned to the contract within 90 calendar days after the date of enrollment or within 30 days of an employee's assignment to the contract, whichever date is later.

d. Upon enrollment, Employers who are Federal contractors may elect to verify employment eligibility of all existing employees working in the United States who were hired after November 6, 1986, instead of verifying only those employees assigned to a covered Federal contract. After enrollment, Employers must elect to verify existing staff following DHS procedures and begin E-Verify verification of all existing employees within 180 days after the election.

e. The Employer may use a previously completed Form I-9 as the basis for creating an E-Verify case for an employee assigned to a contract as long as:

i. That Form I-9 is complete (including the SSN) and complies with Article II.A.6,

ii. The employee's work authorization has not expired, and

iii. The Employer has reviewed the Form I-9 information either in person or in communications with the employee to ensure that the employee's Section 1, Form I-9 attestation has not changed (including, but not limited to, a lawful permanent resident alien having become a naturalized U.S. citizen).

f. The Employer shall complete a new Form I-9 consistent with Article II.A.6 or update the previous Form I-9 to provide the necessary information if:

i. The Employer cannot determine that Form I-9 complies with Article II.A.6,

ii. The employee's basis for work authorization as attested in Section 1 has expired or changed, or

iii. The Form I-9 contains no SSN or is otherwise incomplete.

Note: If Section 1 of Form I-9 is otherwise valid and up-to-date and the form otherwise complies with

Article II.C.5, but reflects documentation (such as a U.S. passport or Form I-551) that expired after completing Form I-9, the Employer shall not require the production of additional documentation, or use the photo screening tool described in Article II.A.5, subject to any additional or superseding instructions that may be provided on this subject in the E-Verify User Manual.

g. The Employer agrees not to require a second verification using E-Verify of any assigned employee who has previously been verified as a newly hired employee under this MOU or to authorize verification of any existing employee by any Employer that is not a Federal contractor based on this Article.

3. The Employer understands that if it is a Federal contractor, its compliance with this MOU is a performance requirement under the terms of the Federal contract or subcontract, and the Employer consents to the release of information relating to compliance with its verification responsibilities under this MOU to contracting officers or other officials authorized to review the Employer's compliance with Federal contracting requirements.

C. RESPONSIBILITIES OF SSA

1. SSA agrees to allow DHS to compare data provided by the Employer against SSA's database. SSA sends DHS confirmation that the data sent either matches or does not match the information in SSA's database.

2. SSA agrees to safeguard the information the Employer provides through E-Verify procedures. SSA also agrees to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security numbers or responsible for evaluation of E-Verify or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

3. SSA agrees to provide case results from its database within three Federal Government work days of the initial inquiry. E-Verify provides the information to the Employer.

4. SSA agrees to update SSA records as necessary if the employee who contests the SSA tentative nonconfirmation visits an SSA field office and provides the required evidence. If the employee visits an SSA field office within the eight Federal Government work days from the date of referral to SSA, SSA agrees to update SSA records, if appropriate, within the eight-day period unless SSA determines that more than eight days may be necessary. In such cases, SSA will provide additional instructions to the employee. If the employee does not visit SSA in the time allowed, E-Verify may provide a final nonconfirmation to the employer.

Note: If an Employer experiences technical problems, or has a policy question, the employer should contact E-Verify at 1-888-464-4218.

D. RESPONSIBILITIES OF DHS

1. DHS agrees to provide the Employer with selected data from DHS databases to enable the Employer to conduct, to the extent authorized by this MOU:

a. Automated verification checks on alien employees by electronic means, and

b. Photo verification checks (when available) on employees.

2. DHS agrees to assist the Employer with operational problems associated with the Employer's participation in E-Verify. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.

3. DHS agrees to provide to the Employer with access to E-Verify training materials as well as an E-Verify User Manual that contain instructions on E-Verify policies, procedures, and requirements for both SSA and DHS, including restrictions on the use of E-Verify.

4. DHS agrees to train Employers on all important changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify User Manual. Even without changes to E-Verify, DHS reserves the right to require employers to take mandatory refresher tutorials.

5. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in E-Verify. DHS also agrees to provide to the Employer anti-discrimination notices issued by the Office of Special Counsel for Immigration-Related Unfair Employment Practices (OSC), Civil Rights Division, U.S. Department of Justice.

6. DHS agrees to issue each of the Employer's E-Verify users a unique user identification number and password that permits them to log in to E-Verify.

7. DHS agrees to safeguard the information the Employer provides, and to limit access to such information to individuals responsible for the verification process, for evaluation of E-Verify, or to such other persons or entities as may be authorized by applicable law. Information will be used only to verify the accuracy of Social Security numbers and employment eligibility, to enforce the INA and Federal criminal laws, and to administer Federal contracting requirements.

8. DHS agrees to provide a means of automated verification that provides (in conjunction with SSA verification procedures) confirmation or tentative nonconfirmation of employees' employment eligibility within three Federal Government work days of the initial inquiry.

9. DHS agrees to provide a means of secondary verification (including updating DHS records) for employees who contest DHS tentative nonconfirmations and photo mismatch tentative nonconfirmations. This provides final confirmation or nonconfirmation of the employees' employment eligibility within 10 Federal Government work days of the date of referral to DHS, unless DHS determines that more than 10 days may be necessary. In such cases, DHS will provide additional verification instructions.

ARTICLE III

REFERRAL OF INDIVIDUALS TO SSA AND DHS

A. REFERRAL TO SSA

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the notice as directed by E-Verify. The Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify

case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer agrees to provide written referral instructions to employees and instruct affected employees to bring the English copy of the letter to the SSA. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.

3. After a tentative nonconfirmation, the Employer will refer employees to SSA field offices only as directed by E-Verify. The Employer must record the case verification number, review the employee information submitted to E-Verify to identify any errors, and find out whether the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security number, or any other corrected employee information that SSA requests, to SSA for verification again if this review indicates a need to do so.

4. The Employer will instruct the employee to visit an SSA office within eight Federal Government work days. SSA will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

5. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

6. The Employer agrees not to ask the employee to obtain a printout from the Social Security Administration number database (the Numident) or other written verification of the SSN from the SSA.

B. REFERRAL TO DHS

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must promptly notify employees in private of the finding and provide them with the notice and letter containing information specific to the employee's E-Verify case. The Employer also agrees to provide both the English and the translated notice and letter for employees with limited English proficiency to employees. The Employer must allow employees to contest the finding, and not take adverse action against employees if they choose to contest the finding, while their case is still pending.

2. The Employer agrees to obtain the employee's response about whether he or she will contest the tentative nonconfirmation as soon as possible after the Employer receives the tentative nonconfirmation. Only the employee may determine whether he or she will contest the tentative nonconfirmation.

3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation.

4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will instruct the

employee to contact DHS through its toll-free hotline (as found on the referral letter) within eight Federal Government work days.

5. If the Employer finds a photo mismatch, the Employer must provide the photo mismatch tentative nonconfirmation notice and follow the instructions outlined in paragraph 1 of this section for tentative nonconfirmations, generally.

6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo mismatch, the Employer will send a copy of the employee's Form I-551, Form I-766, U.S. Passport, or passport card to DHS for review by:

a. Scanning and uploading the document, or

b. Sending a photocopy of the document by express mail (furnished and paid for by the employer).

7. The Employer understands that if it cannot determine whether there is a photo match/mismatch, the Employer must forward the employee's documentation to DHS as described in the preceding paragraph. The Employer agrees to resolve the case as specified by the DHS representative who will determine the photo match or mismatch.

8. DHS will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

9. While waiting for case results, the Employer agrees to check the E-Verify system regularly for case updates.

ARTICLE IV
SERVICE PROVISIONS

A. NO SERVICE FEES

1. SSA and DHS will not charge the Employer for verification services performed under this MOU. The Employer is responsible for providing equipment needed to make inquiries. To access E-Verify, an Employer will need a personal computer with Internet access.

ARTICLE V
MODIFICATION AND TERMINATION

A. MODIFICATION

1. This MOU is effective upon the signature of all parties and shall continue in effect for as long as the SSA and DHS operates the E-Verify program unless modified in writing by the mutual consent of all parties.

2. Any and all E-Verify system enhancements by DHS or SSA, including but not limited to E-Verify checking against additional data sources and instituting new verification policies or procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes.

B. TERMINATION

1. The Employer may terminate this MOU and its participation in E-Verify at any time upon 30 days prior written notice to the other parties.

2. Notwithstanding Article V, part A of this MOU, DHS may terminate this MOU, and thereby the Employer's participation in E-Verify, with or without notice at any time if deemed necessary because of the requirements of law or policy, or upon a determination by SSA or DHS that there has been a breach of system integrity or security by the Employer, or a failure on the part of the Employer to comply with established E-Verify procedures and/or legal requirements. The Employer understands that if it is a Federal contractor, termination of this MOU by any party for any reason may negatively affect the performance of its contractual responsibilities. Similarly, the Employer understands that if it is in a state where E-Verify is mandatory, termination of this by any party MOU may negatively affect the Employer's business.

3. An Employer that is a Federal contractor may terminate this MOU when the Federal contract that requires its participation in E-Verify is terminated or completed. In such cases, the Federal contractor must provide written notice to DHS. If an Employer that is a Federal contractor fails to provide such notice, then that Employer will remain an E-Verify participant, will remain bound by the terms of this MOU that apply to non-Federal contractor participants, and will be required to use the E-Verify procedures to verify the employment eligibility of all newly hired employees.

4. The Employer agrees that E-Verify is not liable for any losses, financial or otherwise, if the Employer is terminated from E-Verify.

ARTICLE VI
PARTIES

A. Some or all SSA and DHS responsibilities under this MOU may be performed by contractor(s), and SSA and DHS may adjust verification responsibilities between each other as necessary. By separate agreement with DHS, SSA has agreed to perform its responsibilities as described in this MOU.

B. Nothing in this MOU is intended, or should be construed, to create any right or benefit, substantive or procedural, enforceable at law by any third party against the United States, its agencies, officers, or employees, or against the Employer, its agents, officers, or employees.

C. The Employer may not assign, directly or indirectly, whether by operation of law, change of control or merger, all or any part of its rights or obligations under this MOU without the prior written consent of DHS, which consent shall not be unreasonably withheld or delayed. Any attempt to sublicense, assign, or transfer any of the rights, duties, or obligations herein is void.

D. Each party shall be solely responsible for defending any claim or action against it arising out of or related to E-Verify or this MOU, whether civil or criminal, and for any liability wherefrom, including (but not limited to) any dispute between the Employer and any other person or entity regarding the applicability of Section 403(d) of IIRIRA to any action taken or allegedly taken by the Employer.

E. The Employer understands that its participation in E-Verify is not confidential information and may be disclosed as authorized or required by law and DHS or SSA policy, including but not limited to,

Company ID Number: 1201859

Congressional oversight, E-Verify publicity and media inquiries, determinations of compliance with Federal contractual requirements, and responses to inquiries under the Freedom of Information Act (FOIA).

F. The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively. The Employer understands that any inaccurate statement, representation, data or other information provided to DHS may subject the Employer, its subcontractors, its employees, or its representatives to: (1) prosecution for false statements pursuant to 18 U.S.C. 1001 and/or; (2) immediate termination of its MOU and/or; (3) possible debarment or suspension.

G. The foregoing constitutes the full agreement on this subject between DHS and the Employer.

To be accepted as an E-Verify participant, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 1-888-464-4218.

Company ID Number: 1201859

Approved by:

Employer Alan Jay Automotive Management	
Name (Please Type or Print) Wendy McSheffrey	Title
Signature Electronically Signed	Date 05/25/2017
Department of Homeland Security – Verification Division	
Name (Please Type or Print) USCIS Verification Division	Title
Signature Electronically Signed	Date 05/25/2017

Company ID Number: 1201859

Information Required for the E-Verify Program **Information relating to your Company:**	
Company Name	Alan Jay Automotive Management
Company Facility Address	2003 US Highway 27 S Sebring, FL 33870
Company Alternate Address	
County or Parish	HIGHLANDS
Employer Identification Number	593533025
North American Industry Classification Systems Code	551
Parent Company	
Number of Employees	100 to 499
Number of Sites Verified for	1

Company ID Number: 1201859

Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:

FLORIDA	1 site(s)

Company ID Number: 1201859

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name	Kim R Froelich
Phone Number	(863) 402 - 4208
Fax Number	(863) 402 - 4267
Email Address	kim.froelich@alanjay.com

Name	Wendy J McSheffrey
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Company ID Number: 1201859

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Solicitation Number: RFP #091521

CONTRACT

This Contract is between Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 (Sourcewell) and 72 Hour LLC dba: National Auto Fleet Group, 490 Auto Center Drive, Watsonville, CA 95076 (Supplier).

Sourcewell is a State of Minnesota local government unit and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to eligible federal, state/province, and municipal governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada. Sourcewell issued a public solicitation for Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories from which Supplier was awarded a contract.

Supplier desires to contract with Sourcewell to provide equipment, products, or services to Sourcewell and the entities that access Sourcewell's cooperative purchasing contracts (Participating Entities).

1. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract is effective upon the date of the final signature below.

B. EXPIRATION DATE AND EXTENSION. This Contract expires November 8, 2025, unless it is cancelled sooner pursuant to Article 22. This Contract may be extended one additional year upon the request of Sourcewell and written agreement by Supplier.

C. SURVIVAL OF TERMS. Notwithstanding any expiration or termination of this Contract, all payment obligations incurred prior to expiration or termination will survive, as will the following: Articles 11 through 14 survive the expiration or cancellation of this Contract. All rights will cease upon expiration or termination of this Contract.

2. EQUIPMENT, PRODUCTS, OR SERVICES

A. EQUIPMENT, PRODUCTS, OR SERVICES. Supplier will provide the Equipment, Products, or Services as stated in its Proposal submitted under the Solicitation Number listed above.

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Supplier's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract.

All Equipment and Products provided under this Contract must be new and the current model. Supplier may offer close-out or refurbished Equipment or Products if they are clearly indicated in Supplier's product and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

This Contract offers an indefinite quantity of sales, and while substantial volume is anticipated, sales and sales volume are not guaranteed.

B. WARRANTY. Supplier warrants that all Equipment, Products, and Services furnished are free from liens and encumbrances, and are free from defects in design, materials, and workmanship. In addition, Supplier warrants the Equipment, Products, and Services are suitable for and will perform in accordance with the ordinary use for which they are intended. Supplier's dealers and distributors must agree to assist the Participating Entity in reaching a resolution in any dispute over warranty terms with the manufacturer. Any manufacturer's warranty that extends beyond the expiration of the Supplier's warranty will be passed on to the Participating Entity.

C. DEALERS, DISTRIBUTORS, AND/OR RESELLERS. Upon Contract execution and throughout the Contract term, Supplier must provide to Sourcewell a current means to validate or authenticate Supplier's authorized dealers, distributors, or resellers relative to the Equipment, Products, and Services offered under this Contract, which will be incorporated into this Contract by reference. It is the Supplier's responsibility to ensure Sourcewell receives the most current information.

3. PRICING

All Equipment, Products, or Services under this Contract will be priced at or below the price stated in Supplier's Proposal.

When providing pricing quotes to Participating Entities, all pricing quoted must reflect a Participating Entity's total cost of acquisition. This means that the quoted cost is for delivered Equipment, Products, and Services that are operational for their intended purpose, and includes all costs to the Participating Entity's requested delivery location.

Regardless of the payment method chosen by the Participating Entity, the total cost associated with any purchase option of the Equipment, Products, or Services must always be disclosed in the pricing quote to the applicable Participating Entity at the time of purchase.

A. SHIPPING AND SHIPPING COSTS. All delivered Equipment and Products must be properly packaged. Damaged Equipment and Products may be rejected. If the damage is not readily apparent at the time of delivery, Supplier must permit the Equipment and Products to be

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returned within a reasonable time at no cost to Sourcewell or its Participating Entities. Participating Entities reserve the right to inspect the Equipment and Products at a reasonable time after delivery where circumstances or conditions prevent effective inspection of the Equipment and Products at the time of delivery. In the event of the delivery of nonconforming Equipment and Products, the Participating Entity will notify the Supplier as soon as possible and the Supplier will replace nonconforming Equipment and Products with conforming Equipment and Products that are acceptable to the Participating Entity.

Supplier must arrange for and pay for the return shipment on Equipment and Products that arrive in a defective or inoperable condition.

Sourcewell may declare the Supplier in breach of this Contract if the Supplier intentionally delivers substandard or inferior Equipment or Products.

B. SALES TAX. Each Participating Entity is responsible for supplying the Supplier with valid tax-exemption certification(s). When ordering, a Participating Entity must indicate if it is a tax-exempt entity.

C. HOT LIST PRICING. At any time during this Contract, Supplier may offer a specific selection of Equipment, Products, or Services at discounts greater than those listed in the Contract. When Supplier determines it will offer Hot List Pricing, it must be submitted electronically to Sourcewell in a line-item format. Equipment, Products, or Services may be added or removed from the Hot List at any time through a Sourcewell Price and Product Change Form as defined in Article 4 below.

Hot List program and pricing may also be used to discount and liquidate close-out and discontinued Equipment and Products as long as those close-out and discontinued items are clearly identified as such. Current ordering process and administrative fees apply. Hot List Pricing must be published and made available to all Participating Entities.

4. PRODUCT AND PRICING CHANGE REQUESTS

Supplier may request Equipment, Product, or Service changes, additions, or deletions at any time. All requests must be made in writing by submitting a signed Sourcewell Price and Product Change Request Form to the assigned Sourcewell Supplier Development Administrator. This approved form is available from the assigned Sourcewell Supplier Development Administrator. At a minimum, the request must:

- Identify the applicable Sourcewell contract number;
- Clearly specify the requested change;
- Provide sufficient detail to justify the requested change;

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- Individually list all Equipment, Products, or Services affected by the requested change, along with the requested change (e.g., addition, deletion, price change); and
- Include a complete restatement of pricing documentation in Microsoft Excel with the effective date of the modified pricing, or product addition or deletion. The new pricing restatement must include all Equipment, Products, and Services offered, even for those items where pricing remains unchanged.

A fully executed Sourcewell Price and Product Change Request Form will become an amendment to this Contract and will be incorporated by reference.

5. PARTICIPATION, CONTRACT ACCESS, AND PARTICIPATING ENTITY REQUIREMENTS

A. PARTICIPATION. Sourcewell's cooperative contracts are available and open to public and nonprofit entities across the United States and Canada; such as federal, state/province, municipal, K-12 and higher education, tribal government, and other public entities.

The benefits of this Contract should be available to all Participating Entities that can legally access the Equipment, Products, or Services under this Contract. A Participating Entity's authority to access this Contract is determined through its cooperative purchasing, interlocal, or joint powers laws. Any entity accessing benefits of this Contract will be considered a Service Member of Sourcewell during such time of access. Supplier understands that a Participating Entity's use of this Contract is at the Participating Entity's sole convenience and Participating Entities reserve the right to obtain like Equipment, Products, or Services from any other source.

Supplier is responsible for familiarizing its sales and service forces with Sourcewell contract use eligibility requirements and documentation and will encourage potential participating entities to join Sourcewell. Sourcewell reserves the right to add and remove Participating Entities to its roster during the term of this Contract.

B. PUBLIC FACILITIES. Supplier's employees may be required to perform work at government-owned facilities, including schools. Supplier's employees and agents must conduct themselves in a professional manner while on the premises, and in accordance with Participating Entity policies and procedures, and all applicable laws.

6. PARTICIPATING ENTITY USE AND PURCHASING

A. ORDERS AND PAYMENT. To access the contracted Equipment, Products, or Services under this Contract, a Participating Entity must clearly indicate to Supplier that it intends to access this Contract; however, order flow and procedure will be developed jointly between Sourcewell and Supplier. Typically, a Participating Entity will issue an order directly to Supplier or its authorized subsidiary, distributor, dealer, or reseller. If a Participating Entity issues a purchase order, it may use its own forms, but the purchase order should clearly note the applicable Sourcewell

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contract number. All Participating Entity orders under this Contract must be issued prior to expiration or cancellation of this Contract; however, Supplier performance, Participating Entity payment obligations, and any applicable warranty periods or other Supplier or Participating Entity obligations may extend beyond the term of this Contract.

Supplier's acceptable forms of payment are included in its attached Proposal. Participating Entities will be solely responsible for payment and Sourcewell will have no liability for any unpaid invoice of any Participating Entity.

B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Supplier, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entities may require the use of a Participating Addendum; the terms of which will be negotiated directly between the Participating Entity and the Supplier. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

C. SPECIALIZED SERVICE REQUIREMENTS. In the event that the Participating Entity requires service or specialized performance requirements not addressed in this Contract (such as e-commerce specifications, specialized delivery requirements, or other specifications and requirements), the Participating Entity and the Supplier may enter into a separate, standalone agreement, apart from this Contract. Sourcewell, including its agents and employees, will not be made a party to a claim for breach of such agreement.

D. TERMINATION OF ORDERS. Participating Entities may terminate an order, in whole or in part, immediately upon notice to Supplier in the event of any of the following events:

1. The Participating Entity fails to receive funding or appropriation from its governing body at levels sufficient to pay for the equipment, products, or services to be purchased; or
2. Federal, state, or provincial laws or regulations prohibit the purchase or change the Participating Entity's requirements.

E. GOVERNING LAW AND VENUE. The governing law and venue for any action related to a Participating Entity's order will be determined by the Participating Entity making the purchase.

7. CUSTOMER SERVICE

A. PRIMARY ACCOUNT REPRESENTATIVE. Supplier will assign an Account Representative to Sourcewell for this Contract and must provide prompt notice to Sourcewell if that person is changed. The Account Representative will be responsible for:

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- Maintenance and management of this Contract;
- Timely response to all Sourcewell and Participating Entity inquiries; and
- Business reviews to Sourcewell and Participating Entities, if applicable.

B. BUSINESS REVIEWS. Supplier must perform a minimum of one business review with Sourcewell per contract year. The business review will cover sales to Participating Entities, pricing and contract terms, administrative fees, sales data reports, supply issues, customer issues, and any other necessary information.

8. REPORT ON CONTRACT SALES ACTIVITY AND ADMINISTRATIVE FEE PAYMENT

A. CONTRACT SALES ACTIVITY REPORT. Each calendar quarter, Supplier must provide a contract sales activity report (Report) to the Sourcewell Supplier Development Administrator assigned to this Contract. Reports are due no later than 45 days after the end of each calendar quarter. A Report must be provided regardless of the number or amount of sales during that quarter (i.e., if there are no sales, Supplier must submit a report indicating no sales were made).

The Report must contain the following fields:

- Participating Entity Name (e.g., City of Staples Highway Department);
- Participating Entity Physical Street Address;
- Participating Entity City;
- Participating Entity State/Province;
- Participating Entity Zip/Postal Code;
- Participating Entity Contact Name;
- Participating Entity Contact Email Address;
- Participating Entity Contact Telephone Number;
- Sourcewell Assigned Entity/Participating Entity Number;
- Item Purchased Description;
- Item Purchased Price;
- Sourcewell Administrative Fee Applied; and
- Date Purchase was invoiced/sale was recognized as revenue by Supplier.

B. ADMINISTRATIVE FEE. In consideration for the support and services provided by Sourcewell, the Supplier will pay an administrative fee to Sourcewell on all Equipment, Products, and Services provided to Participating Entities. The Administrative Fee must be included in, and not added to, the pricing. Supplier may not charge Participating Entities more than the contracted price to offset the Administrative Fee.

The Supplier will submit payment to Sourcewell for the percentage of administrative fee stated in the Proposal multiplied by the total sales of all Equipment, Products, and Services purchased

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by Participating Entities under this Contract during each calendar quarter. Payments should note the Supplier's name and Sourcewell-assigned contract number in the memo; and must be mailed to the address above "Attn: Accounts Receivable" or remitted electronically to Sourcewell's banking institution per Sourcewell's Finance department instructions. Payments must be received no later than 45 calendar days after the end of each calendar quarter.

Supplier agrees to cooperate with Sourcewell in auditing transactions under this Contract to ensure that the administrative fee is paid on all items purchased under this Contract.

In the event the Supplier is delinquent in any undisputed administrative fees, Sourcewell reserves the right to cancel this Contract and reject any proposal submitted by the Supplier in any subsequent solicitation. In the event this Contract is cancelled by either party prior to the Contract's expiration date, the administrative fee payment will be due no more than 30 days from the cancellation date.

9. AUTHORIZED REPRESENTATIVE

Sourcewell's Authorized Representative is its Chief Procurement Officer.

Supplier's Authorized Representative is the person named in the Supplier's Proposal. If Supplier's Authorized Representative changes at any time during this Contract, Supplier must promptly notify Sourcewell in writing.

10. AUDIT, ASSIGNMENT, AMENDMENTS, WAIVER, AND CONTRACT COMPLETE

A. AUDIT. Pursuant to Minnesota Statutes Section 16C.05, subdivision 5, the books, records, documents, and accounting procedures and practices relevant to this Agreement are subject to examination by Sourcewell or the Minnesota State Auditor for a minimum of six years from the end of this Contract. This clause extends to Participating Entities as it relates to business conducted by that Participating Entity under this Contract.

B. ASSIGNMENT. Neither party may assign or otherwise transfer its rights or obligations under this Contract without the prior written consent of the other party and a fully executed assignment agreement. Such consent will not be unreasonably withheld. Any prohibited assignment will be invalid.

C. AMENDMENTS. Any amendment to this Contract must be in writing and will not be effective until it has been duly executed by the parties.

D. WAIVER. Failure by either party to take action or assert any right under this Contract will not be deemed a waiver of such right in the event of the continuation or repetition of the circumstances giving rise to such right. Any such waiver must be in writing and signed by the parties.

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E. CONTRACT COMPLETE. This Contract represents the complete agreement between the parties. No other understanding regarding this Contract, whether written or oral, may be used to bind either party.For any conflict between the attached Proposal and the terms set out in Articles 1-22 of this Contract, the terms of Articles 1-22 will govern.

F. RELATIONSHIP OF THE PARTIES. The relationship of the parties is one of independent contractors, each free to exercise judgment and discretion with regard to the conduct of their respective businesses. This Contract does not create a partnership, joint venture, or any other relationship such as master-servant, or principal-agent.

11. INDEMNITY AND HOLD HARMLESS

Supplier must indemnify, defend, save, and hold Sourcewell and its Participating Entities, including their agents and employees, harmless from any claims or causes of action, including attorneys' fees incurred by Sourcewell or its Participating Entities, arising out of any act or omission in the performance of this Contract by the Supplier or its agents or employees; this indemnification includes injury or death to person(s) or property alleged to have been caused by some defect in the Equipment, Products, or Services under this Contract to the extent the Equipment, Product, or Service has been used according to its specifications. Sourcewell's responsibility will be governed by the State of Minnesota's Tort Liability Act (Minnesota Statutes Chapter 466) and other applicable law.

12. GOVERNMENT DATA PRACTICES

Supplier and Sourcewell must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by or provided to Sourcewell under this Contract and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Supplier under this Contract.

13. INTELLECTUAL PROPERTY, PUBLICITY, MARKETING, AND ENDORSEMENT

A. INTELLECTUAL PROPERTY

1. *Grant of License.* During the term of this Contract:
   a. Sourcewell grants to Supplier a royalty-free, worldwide, non-exclusive right and license to use thetrademark(s) provided to Supplier by Sourcewell in advertising and promotional materials for the purpose of marketing Sourcewell's relationship with Supplier.
   b. Supplier grants to Sourcewell a royalty-free, worldwide, non-exclusive right and license to use Supplier's trademarks in advertising and promotional materials for the purpose of marketing Supplier's relationship with Sourcewell.
2. *Limited Right of Sublicense*. The right and license granted herein includes a limited right of each party to grant sublicenses to their respective subsidiaries, distributors, dealers,

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resellers, marketing representatives, and agents (collectively "Permitted Sublicensees") in advertising and promotional materials for the purpose of marketing the Parties' relationship to Participating Entities. Any sublicense granted will be subject to the terms and conditions of this Article. Each party will be responsible for any breach of this Article by any of their respective sublicensees.

3. *Use; Quality Control.*

a. Neither party may alter the other party's trademarks from the form provided and must comply with removal requests as to specific uses of its trademarks or logos.

b. Each party agrees to use, and to cause its Permitted Sublicensees to use, the other party's trademarks only in good faith and in a dignified manner consistent with such party's use of the trademarks. Upon written notice to the breaching party, the breaching party has 30 days of the date of the written notice to cure the breach or the license will be terminated.

4. As applicable, Supplier agrees to indemnify and hold harmless Sourcewell and its Participating Entities against any and all suits, claims, judgments, and costs instituted or recovered against Sourcewell or Participating Entities by any person on account of the use of any Equipment or Products by Sourcewell or its Participating Entities supplied by Supplier in violation of applicable patent or copyright laws.

5. Termination. Upon the termination of this Contract for any reason, each party, including Permitted Sublicensees, will have 30 days to remove all Trademarks from signage, websites, and the like bearing the other party's name or logo (excepting Sourcewell's pre-printed catalog of suppliers which may be used until the next printing). Supplier must return all marketing and promotional materials, including signage, provided by Sourcewell, or dispose of it according to Sourcewell's written directions.

B. PUBLICITY. Any publicity regarding the subject matter of this Contract must not be released without prior written approval from the Authorized Representatives. Publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Supplier individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

C. MARKETING. Any direct advertising, marketing, or offers with Participating Entities must be approved by Sourcewell. Send all approval requests to the Sourcewell Supplier Development Administrator assigned to this Contract.

D. ENDORSEMENT. The Supplier must not claim that Sourcewell endorses its Equipment, Products, or Services.

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14. GOVERNING LAW, JURISDICTION, AND VENUE

The substantive and procedural laws of the State of Minnesota will govern this Contract. Venue for all legal proceedings arising out of this Contract, or its breach, must be in the appropriate state court in Todd County, Minnesota or federal court in Fergus Falls, Minnesota.

15. FORCE MAJEURE

Neither party to this Contract will be held responsible for delay or default caused by acts of God or other conditions that are beyond that party's reasonable control. A party defaulting under this provision must provide the other party prompt written notice of the default.

16. SEVERABILITY

If any provision of this Contract is found by a court of competent jurisdiction to be illegal, unenforceable, or void then both parties will be relieved from all obligations arising from that provision. If the remainder of this Contract is capable of being performed, it will not be affected by such determination or finding and must be fully performed.

17. PERFORMANCE, DEFAULT, AND REMEDIES

A. PERFORMANCE. During the term of this Contract, the parties will monitor performance and address unresolved contract issues as follows:

1. *Notification.* The parties must promptly notify each other of any known dispute and work in good faith to resolve such dispute within a reasonable period of time. If necessary, Sourcewell and the Supplier will jointly develop a short briefing document that describes the issue(s), relevant impact, and positions of both parties.
2. *Escalation.* If parties are unable to resolve the issue in a timely manner, as specified above, either Sourcewell or Supplier may escalate the resolution of the issue to a higher level of management. The Supplier will have 30 calendar days to cure an outstanding issue.
3. *Performance while Dispute is Pending*. Notwithstanding the existence of a dispute, the Supplier must continue without delay to carry out all of its responsibilities under the Contract that are not affected by the dispute. If the Supplier fails to continue without delay to perform its responsibilities under the Contract, in the accomplishment of all undisputed work, the Supplier will bear any additional costs incurred by Sourcewell and/or its Participating Entities as a result of such failure to proceed.

B. DEFAULT AND REMEDIES. Either of the following constitutes cause to declare this Contract, or any Participating Entity order under this Contract, in default:

1. Nonperformance of contractual requirements, or
2. A material breach of any term or condition of this Contract.

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The party claiming default must provide written notice of the default, with 30 calendar days to cure the default. Time allowed for cure will not diminish or eliminate any liability for liquidated or other damages. If the default remains after the opportunity for cure, the non-defaulting party may:

- Exercise any remedy provided by law or equity, or
- Terminate the Contract or any portion thereof, including any orders issued against the Contract.

18. INSURANCE

A. REQUIREMENTS. At its own expense, Supplier must maintain insurance policy(ies) in effect at all times during the performance of this Contract with insurance company(ies) licensed or authorized to do business in the State of Minnesota having an "AM BEST" rating of A- or better, with coverage and limits of insurance not less than the following:

1. *Workers' Compensation and Employer's Liability.*
Workers' Compensation: As required by any applicable law or regulation.
Employer's Liability Insurance: must be provided in amounts not less than listed below:
Minimum limits:
$500,000 each accident for bodily injury by accident
$500,000 policy limit for bodily injury by disease
$500,000 each employee for bodily injury by disease

2. *Commercial General Liability Insurance.* Supplier will maintain insurance covering its operations, with coverage on an occurrence basis, and must be subject to terms no less broad than the Insurance Services Office ("ISO") Commercial General Liability Form CG0001 (2001 or newer edition), or equivalent. At a minimum, coverage must include liability arising from premises, operations, bodily injury and property damage, independent contractors, products-completed operations including construction defect, contractual liability, blanket contractual liability, and personal injury and advertising injury. All required limits, terms and conditions of coverage must be maintained during the term of this Contract.
Minimum Limits:
$1,000,000 each occurrence Bodily Injury and Property Damage
$1,000,000 Personal and Advertising Injury
$2,000,000 aggregate for Products-Completed operations
$2,000,000 general aggregate

3. *Commercial Automobile Liability Insurance.* During the term of this Contract, Supplier will maintain insurance covering all owned, hired, and non-owned automobiles in limits of liability not less than indicated below. The coverage must be subject to terms

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no less broad than ISO Business Auto Coverage Form CA 0001 (2010 edition or newer), or equivalent.

Minimum Limits:
$1,000,000 each accident, combined single limit

4. *Umbrella Insurance*. During the term of this Contract, Supplier will maintain umbrella coverage over Employer's Liability, Commercial General Liability, and Commercial Automobile.

Minimum Limits:
$2,000,000

5. *Network Security and Privacy Liability Insurance*. During the term of this Contract, Supplier will maintain coverage for network security and privacy liability. The coverage may be endorsed on another form of liability coverage or written on a standalone policy. The insurance must cover claims which may arise from failure of Supplier's security resulting in, but not limited to, computer attacks, unauthorized access, disclosure of not public data – including but not limited to, confidential or private information, transmission of a computer virus, or denial of service.

Minimum limits:
$2,000,000 per occurrence
$2,000,000 annual aggregate

Failure of Supplier to maintain the required insurance will constitute a material breach entitling Sourcewell to immediately terminate this Contract for default.

B. CERTIFICATES OF INSURANCE. Prior to commencing under this Contract, Supplier must furnish to Sourcewell a certificate of insurance, as evidence of the insurance required under this Contract. Prior to expiration of the policy(ies), renewal certificates must be mailed to Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 or sent to the Sourcewell Supplier Development Administrator assigned to this Contract. The certificates must be signed by a person authorized by the insurer(s) to bind coverage on their behalf.

Failure to request certificates of insurance by Sourcewell, or failure of Supplier to provide certificates of insurance, in no way limits or relieves Supplier of its duties and responsibilities in this Contract.

C. ADDITIONAL INSURED ENDORSEMENT AND PRIMARY AND NON-CONTRIBUTORY INSURANCE CLAUSE. Supplier agrees to list Sourcewell and its Participating Entities, including their officers, agents, and employees, as an additional insured under the Supplier's commercial general liability insurance policy with respect to liability arising out of activities, "operations," or "work" performed by or on behalf of Supplier, and products and completed operations of Supplier. The policy provision(s) or endorsement(s) must further provide that coverage is

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primary and not excess over or contributory with any other valid, applicable, and collectible insurance or self-insurance in force for the additional insureds.

D. WAIVER OF SUBROGATION. Supplier waives and must require (by endorsement or otherwise) all its insurers to waive subrogation rights against Sourcewell and other additional insureds for losses paid under the insurance policies required by this Contract or other insurance applicable to the Supplier or its subcontractors. The waiver must apply to all deductibles and/or self-insured retentions applicable to the required or any other insurance maintained by the Supplier or its subcontractors. Where permitted by law, Supplier must require similar written express waivers of subrogation and insurance clauses from each of its subcontractors.

E. UMBRELLA/EXCESS LIABILITY/SELF-INSURED RETENTION. The limits required by this Contract can be met by either providing a primary policy or in combination with umbrella/excess liability policy(ies), or self-insured retention.

19. COMPLIANCE

A. LAWS AND REGULATIONS. All Equipment, Products, or Services provided under this Contract must comply fully with applicable federal laws and regulations, and with the laws in the states and provinces in which the Equipment, Products, or Services are sold.

B. LICENSES. Supplier must maintain a valid and current status on all required federal, state/provincial, and local licenses, bonds, and permits required for the operation of the business that the Supplier conducts with Sourcewell and Participating Entities.

20. BANKRUPTCY, DEBARMENT, OR SUSPENSION CERTIFICATION

Supplier certifies and warrants that it is not in bankruptcy or that it has previously disclosed in writing certain information to Sourcewell related to bankruptcy actions. If at any time during this Contract Supplier declares bankruptcy, Supplier must immediately notify Sourcewell in writing.

Supplier certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Supplier certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this Contract. Supplier further warrants that it will provide immediate written notice to Sourcewell if this certification changes at any time.

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21. PROVISIONS FOR NON-UNITED STATES FEDERAL ENTITY PROCUREMENTS UNDER UNITED STATES FEDERAL AWARDS OR OTHER AWARDS

Participating Entities that use United States federal grant or FEMA funds to purchase goods or services from this Contract may be subject to additional requirements including the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 C.F.R. § 200. Participating Entities may have additional requirements based on specific funding source terms or conditions. Within this Article, all references to "federal" should be interpreted to mean the United States federal government. The following list only applies when a Participating Entity accesses Supplier's Equipment, Products, or Services with United States federal funds.

A. EQUAL EMPLOYMENT OPPORTUNITY. Except as otherwise provided under 41 C.F.R. § 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. §60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 C.F.R. §, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 C.F.R. § 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." The equal opportunity clause is incorporated herein by reference.

B. DAVIS-BACON ACT, AS AMENDED (40 U.S.C. § 3141-3148). When required by federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. § 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 C.F.R. § 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-federal entity must report all suspected or reported violations to the federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 C.F.R. § 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to the federal awarding agency. Supplier must be in compliance with all applicable Davis-Bacon Act provisions.

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C. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. § 3701-3708). Where applicable, all contracts awarded by the non-federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. § 5). Under 40 U.S.C. § 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. This provision is hereby incorporated by reference into this Contract. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

D. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT. If the federal award meets the definition of “funding agreement” under 37 C.F.R. § 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 C.F.R. § 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

E. CLEAN AIR ACT (42 U.S.C. § 7401-7671Q.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. § 1251-1387). Contracts and subgrants of amounts in excess of $150,000 require the non-federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. § 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). Supplier certifies that during the term of this Contract will comply with applicable requirements as referenced above.

F. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689). A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 C.F.R. §180 that implement Executive Orders 12549 (3 C.F.R. § 1986 Comp., p. 189) and 12689 (3 C.F.R. § 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names

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of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Supplier certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

G. BYRD ANTI-LOBBYING AMENDMENT, AS AMENDED (31 U.S.C. § 1352). Suppliers must file any required certifications. Suppliers must not have used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Suppliers must disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the non-federal award. Suppliers must file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1352).

H. RECORD RETENTION REQUIREMENTS. To the extent applicable, Supplier must comply with the record retention requirements detailed in 2 C.F.R. § 200.333. The Supplier further certifies that it will retain all records as required by 2 C.F.R. § 200.333 for a period of 3 years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

I. ENERGY POLICY AND CONSERVATION ACT COMPLIANCE. To the extent applicable, Supplier must comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

J. BUY AMERICAN PROVISIONS COMPLIANCE. To the extent applicable, Supplier must comply with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must follow the applicable procurement rules calling for free and open competition.

K. ACCESS TO RECORDS (2 C.F.R. § 200.336). Supplier agrees that duly authorized representatives of a federal agency must have access to any books, documents, papers and records of Supplier that are directly pertinent to Supplier's discharge of its obligations under this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Supplier's personnel for the purpose of interview and discussion relating to such documents.

L. PROCUREMENT OF RECOVERED MATERIALS (2 C.F.R. § 200.322). A non-federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation

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and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. § 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

M. FEDERAL SEAL(S), LOGOS, AND FLAGS. The Supplier not use the seal(s), logos, crests, or reproductions of flags or likenesses of Federal agency officials without specific pre-approval.

N. NO OBLIGATION BY FEDERAL GOVERNMENT. The U.S. federal government is not a party to this Contract or any purchase by an Participating Entity and is not subject to any obligations or liabilities to the Participating Entity, Supplier, or any other party pertaining to any matter resulting from the Contract or any purchase by an authorized user.

O. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS. The Contractor acknowledges that 31 U.S.C. 38 (Administrative Remedies for False Claims and Statements) applies to the Supplier's actions pertaining to this Contract or any purchase by a Participating Entity.

P. FEDERAL DEBT. The Supplier certifies that it is non-delinquent in its repayment of any federal debt. Examples of relevant debt include delinquent payroll and other taxes, audit disallowance, and benefit overpayments.

Q. CONFLICTS OF INTEREST. The Supplier must notify the U.S. Office of General Services, Sourcewell, and Participating Entity as soon as possible if this Contract or any aspect related to the anticipated work under this Contract raises an actual or potential conflict of interest (as described in 2 C.F.R. Part 200). The Supplier must explain the actual or potential conflict in writing in sufficient detail so that the U.S. Office of General Services, Sourcewell, and Participating Entity are able to assess the actual or potential conflict; and provide any additional information as necessary or requested.

R. U.S. EXECUTIVE ORDER 13224. The Supplier, and its subcontractors, must comply with U.S. Executive Order 13224 and U.S. Laws that prohibit transactions with and provision of resources and support to individuals and organizations associated with terrorism.

S. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. To the extent applicable, Supplier certifies that during the term of this Contract it will comply with applicable requirements of 2 C.F.R. § 200.216.

T. DOMESTIC PREFERENCES FOR PROCUREMENTS. To the extent applicable, Supplier certifies that during the term of this Contract will comply with applicable requirements of 2 C.F.R. § 200.322.

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22. CANCELLATION

Sourcewell or Supplier may cancel this Contract at any time, with or without cause, upon 60 days' written notice to the other party. However, Sourcewell may cancel this Contract immediately upon discovery of a material defect in any certification made in Supplier's Proposal. Cancellation of this Contract does not relieve either party of financial, product, or service obligations incurred or accrued prior to cancellation.

Sourcewell

DocuSigned by:
By: Jeremy Schwartz
C0FD2A139D06489...

Jeremy Schwartz
Title: Chief Procurement Officer
Date: 11/4/2021 | 1:28 PM CDT

72 Hour LLC dba: National Auto Fleet Group

DocuSigned by:
By: Jesse Cooper
FACBB5730C1E467...

Jesse Cooper
Title: Fleet Manager
Date: 11/4/2021 | 10:46 AM CDT

Approved:

DocuSigned by:
By: Chad Coauette
7E42B8F817A64CC...

Chad Coauette
Title: Executive Director/CEO
Date: 11/4/2021 | 1:34 PM CDT

RFP 091521 - Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories

Vendor Details

Company Name:	72 HOUR LLC
Does your company conduct business under any other name? If yes, please state:	National Auto Fleet Group
Address:	490 Auto Center Drive Watsonville, CA 95076
Contact:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Phone:	951-440-0585
Fax:	831-840-8497
HST#:	263297677

Submission Details

Created On:	Tuesday August 24, 2021 16:34:10
Submitted On:	Tuesday September 14, 2021 14:10:21
Submitted By:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Transaction #:	d2e890de-e761-4f47-9b23-bef3d512bd76
Submitter's IP Address:	76.81.241.2

Specifications

Table 1: Proposer Identity & Authorized Representatives

General Instructions (applies to all Tables) Sourcewell prefers a brief but thorough response to each question. Do not merely attach additional documents to your response without also providing a substantive response. Do not leave answers blank; respond "N/A" if the question does not apply to you (preferably with an explanation).

Line Item	Question	Response *	
1	Proposer Legal Name (one legal entity only): (In the event of award, will execute the resulting contract as "Supplier")	72 Hour LLC	*
2	Identify all subsidiary entities of the Proposer whose equipment, products, or services are included in the Proposal.	WCAF, LLC WCDJR, LLC Alan Jay Automotive Inc	*
3	Identify all applicable assumed names or DBA names of the Proposer or Proposer's subsidiaries in Line 1 or Line 2 above.	NAFG has numerous subsidiaries and DBA's including but not limited to: National Auto Fleet Group, Chevrolet of Watsonville, Watsonville Ford Watsonville CDJR Watsonville Fleet Group Alan Jay Chrysler Jeep Inc Alan Jay Chevrolet, Cadillac Alan Jay Buick, GMC Alan Jay Auto Outlet Clewiston Motor Company, Inc Alan Jay Chrysler Dodge Ram Jeep Alan Jay Lincoln Alan Jay Ford Alan Jay Nissan Alan Jay Toyota	*
4	Proposer Physical Address:	490 Auto Center Drive Watsonville, CA 95076	*
5	Proposer website address (or addresses):	www.NationalAutoFleetGroup.com	*
6	Proposer's Authorized Representative (name, title, address, email address & phone) (The representative must have authority to sign the "Proposer's Assurance of Compliance" on behalf of the Proposer and, in the event of award, will be expected to execute the resulting contract):	Jesse Cooper Fleet Manager 1-855-289-6572 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com	*
7	Proposer's primary contact for this proposal (name, title, address, email address & phone):	Jesse Cooper Fleet Manager 1-855-289-6572 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com	*
8	Proposer's other contacts for this proposal, if any (name, title, address, email address & phone):	Clarke Cooper Fleet Manger 1-855-289-6572 490 Auto Center Drive Watsonville, CA 95076 ClarkeCooper@watsonvillefleetgroup.com	

Table 2: Company Information and Financial Strength

Line Item	Question	Response *	

9	Provide a brief history of your company, including your company's core values, business philosophy, and industry longevity related to the requested equipment, products or services.	National Auto Fleet Group started as a new division of 72 Hour LLC, in the summer of 2010 in the heart of Southern California. We began our network with a single automobile dealership and have now grown our network to encompass numerous dealerships located in and outside of California. We stand by providing opportunities for advancement by hiring and promoting from within our organization. Many of the Fleet Managers who started with us in 2010 are still with us today. Through the years, we have evolved and adapted to the new technology driven trends that are revolutionizing the automotive industry today. However, our brand's fundamental core values have remained unchanged – We are committed to do right for the members. If we take care of them, they will in return take care of us. National Auto Fleet Group's operational blueprint and business philosophy has always been the "4 RIGHT's" for every member: We deliver the RIGHT vehicle, at the RIGHT time, to the RIGHT place at the RIGHT price. The integrity of our business stems on our deep family roots in the automotive industry. We are and always will be family owned and operated with our future generations already in their infant stages today. We are committed to pioneering our industry for decades to come.
10	What are your company's expectations in the event of an award?	If awarded, this would be our 5th Sourcewell Contract and we would execute as such. We will continue to serve your members and provide them with excellent customer service while continuing to advance customer satisfaction. Along with implementing new business growth strategies that will ultimately launch us into new heights once again. Furthermore, we will launch our Partner Program detailed in the attached "marketing Plan Compressed" Zip file. This next generation application will give members the power to select upfitters they would like NAFG to partner with in providing satisfactory quotes and service. We see tremendous value in building out these mutually beneficial partnerships, so we can provide 100% satisfactory turnkey solutions to the members.
11	Demonstrate your financial strength and stability with meaningful data. This could include such items as financial statements, SEC filings, credit and bond ratings, letters of credit, and detailed reference letters. Upload supporting documents (as applicable) in the document upload section of your response.	To demonstrate NAFG's financial strength and stability, we have uploaded Bank Commitment letters under the Financial Strength Section of the online application. We have a direct line of credit of $52,000,00.00 that we are currently utilizing with our current and past Sourcewell Contracts. However, this number is not capped as we have the freedom to extend the cap to accommodate the revolving needs of the members. Referenced below is a short register of some of our market success from awarded government contracts that encompass over $140,000,000.00 worth of products and goods under our current Sourcewell Contract. A. City of San Diego, CA $ 72,000,000 contract under our Sourcewell Contract 120716-NAF. B. City of San Diego, CA $ 55,400,000 contract under our Sourcewell Contract 081716-NAF. C. Government Fleet Article Highlighting our transaction with the City of San Diego, CA procuring over 100 Police vehicles through NAFG Sourcewell Contract 120716-NAF. D. City of Los Angeles World Airports, CA Contract for $ 24,003,500 under Sourcewell Contract 120716-NAF for the procurement of 400 vehicles. E. City of Los Angeles Harbor, CA Contract Extension to $ 4,500,000 contract under Sourcewell Contract 120716-NAF. F. City of Los Angeles Harbor, CA Contract for $1,500,000 under our Sourcewell Contract 120716-NAF. G. City of Los Angeles Harbor, CA Renewal for another $ 1,500,000 under Sourcewell Contract Class 6, 7 and 8 Contract 081716-NAF. H. City of Costa Mesa, CA Contract $1,023,220 under our Sourcewell Contract 120716-NAF. I. Blanket Contracts with the State of Maryland, MD off our current Class 6, 7 and 8 Chassis Contract 081716-NAF. J. Blanket Contracts with the State of Maryland, MD off our Current Sourcewell Contract 120716-NAF. We have also attached our Commitment Letter's for unparallel support from leading nationally recognized upfit suppliers such The Knapheide Manufacturing Company. Along with regional suppliers such as Brand FX and Phenix Truck Body located in Southern California serve as regional support locations, whom we often work alongside to fulfill all member needs with past, present, and future orders with NAFG. Included are also Upfitter Recommendation letters to illustrate how National Auto Fleet Group has taken a proactive interest in building mutually beneficial relationship with our upfitters. Mutuality and reciprocity relationships between body companies and our dealer's are two of the key components that help members receive what they need in a smooth and efficient fashion. In addition, the adoption of our Class 6, 7, and 8 Contract from Anne Arundel County in the state of Maryland is as an example of how National Auto Fleet Group attracts and retains new clients by demonstrating to them there's a better and more efficient way of finding turnkey solutions. Lastly, we have attached supporting documents that help emphasize and exemplify our growth since our first awarded Sourcewell Contract in 2012. We sincerely hope it helps portray our commitment to building lifelong rapport and trust with our partner upfitters and members.
12	What is your US market share for the solutions that you are proposing?	. Of our respective brands and OEM's we represent, the US market share is estimated to be 60 – 75%.
13	What is your Canadian market share for the solutions that you are proposing?	It is difficult to estimate the market share for the brands and OEM's we represent, however we estimate that it should be the same 60 -75 % of the US share.
14	Has your business ever petitioned for bankruptcy protection? If so, explain in detail.	No.

15	How is your organization best described: is it a manufacturer, a distributor/dealer/reseller, or a service provider? Answer whichever question (either a) or b) just below) best applies to your organization. a) If your company is best described as a distributor/dealer/reseller (or similar entity), provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? b) If your company is best described as a manufacturer or service provider, describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?	National Auto Fleet Group is a dealer network best categorized as "A" - Distributer/Dealer/Reseller and Dealer Partner for (15) OEM Manufacturers including Ford Motor Company, Chevrolet, RAM, GMC, Buick, Chrysler, Dodge, Jeep, Toyota, Nissan, KIA, BMW, Honda, Cadillac and Volkswagen, All orders are placed with the franchised dealer and ultimately titled directly to the member. All appropriate certification certificates and authorized DMV/Factory licenses may be found in the "Related Certification" section uploaded to this RFP. It should be noted we do not sell used equipment to members.	*
16	If applicable, provide a detailed explanation outlining the licenses and certifications that are both required to be held, and actually held, by your organization (including third parties and subcontractors that you use) in pursuit of the business contemplated by this RFP.	Required licenses include a Dealer's License, a Franchise issued by the Manufacture, a Department of Motor Vehicles License, as well as a Reseller's permit license. All which NAFG and Dealer Partner's hold. Please review our attachment documents in section "Related Certification" for licenses that we either solely own or are jointly owned by our partner dealers that pertain to this RFP. A list of all our licenses are below, some of which may not pertain to class 1-3 but to class 4-8. CA Certificate of Good Standing 200824810190 State of Florida License Certificates: VF/1000974/4 VF/1000950/1 VF/1046516/1 VF/1024619/2 VF/1024619/1 VF/1018615/1 VF/1021891/1 VF/1000974/3 VF/1105916/1 VF/1020705/1 VF/1000969/1 CA State Seller's Permit 101-135239 CA State Seller's Permit 245364864-00001 Department of Motor Vehicle, Vehicle Dealer/ License Number 97772 Department of Motor Vehicle, Vehicle Dealer License Number 97771 Department of Motor Vehicle, Vehicle Dealer License Number 43609 Bureau of Automotive repair Registration # ARD00296319 123120 CA State Seller's Permit 232781952-00001 City of Watsonville Business License Number 1792 City of Watsonville Business License Number 4358 Fictitious Business Names from Santa Cruz County for National Auto Fleet Group FBN: 2017-0000138 California General Resale Certificate Dun & Bradstreet Number: 023680653 Government of The District of Columbia Certificate Government of the District of Columbia Tax Registration # 7815888160711 City of Los Angeles Tax Registration Government of The District of Columbia CLEAN HANDS CERTIFICATION San Diego Freightliner Seller's Permit Commonwealth of Virginia State Corporation Commission Certificate State of Maryland Good Standing Certificate Kansas Department of Revenue for Kansas City Peterbilt New Jersey Department of Treasury Registration Certificate New Jersey Business Registration Notice of Compliance of the Canton City Codified Ordinance Employee Information Report for the State of New Jersey State of Maryland New Sales and Use tax License CA State Seller's Permit 98-037902 00006 South Carolina Department of Motor Vehicles License Number 36133 State of South Carolina Retail License Commonwealth of Kentucky Vehicle Dealer License 1583 20 100 State of West Virginia Dealer License Commonwealth of Kentucky Vehicle Dealer License 1581 20 036 State of Tennessee Vehicle Dealer License	*
17	Provide all "Suspension or Debarment" information that has applied to your organization during the past ten years.	Not Applicable, none.	*

Table 3: Industry Recognition & Marketplace Success

Line Item	Question	Response *	
18	Describe any relevant industry awards or recognition that your company has received in the past five years	National Auto Fleet Group's received its most prestigious award for Top Placement within Ford Motor Company as the leading dealership in Government Sales. In addition, our Chevrolet brand was highly ranked and honored 4/5 consecutive years by General Motors.	*
19	What percentage of your sales are to the governmental sector in the past three years	Within our fleet division, 90% of our contracts within the past three years have been with government accounts.	*
20	What percentage of your sales are to the education sector in the past three years	Within the past 3 years 90% of our sales have been to government accounts, 20% of which are within the education sector.	*
21	List any state, provincial, or cooperative purchasing contracts that you hold. What is the annual sales volume for each of these contracts over the past three years?	We hold the State of California contract with volumes from 200 to 500 units a year over the past three years. In addition, our Sourcewell Contract's 091219, 081716 and 120716 that we have maintained over the past three years has sold combined north of 400 million of Combined Quarterly Sales.	*
22	List any GSA contracts or Standing Offers and Supply Arrangements (SOSA) that you hold. What is the annual sales volume for each of these contracts over the past three years?	National Auto Fleet Group's focus lies on the Sourcewell Contract. NAFG holds no other GSA contract, Standing Offers, or Supply Arrangements other than the State of California contract. Our annual sales volume is estimated to be north of $200 million.	*

Table 4: References/Testimonials

Line Item 23. Supply reference information from three customers who are eligible to be Sourcewell participating entities.

Entity Name *	Contact Name *	Phone Number *	
Port of Los Angeles, CA	Mr. Dave Comer	310-72-3794	*
County of Venture, CA	Mr. Jorge Bnilla	805-672-2044	*
City of Austin, TX	Mr. Matt Sager	512-978-2637	*
County of San Joaquin, CA	Mr. David Myers	209-468-9745	
City of Palo Alto, CA	Ms. Danitra Bahlman	650-496-5920	

Table 5: Top Five Government or Education Customers

Line Item 24. Provide a list of your top five government, education, or non-profit customers (entity name is optional), including entity type, the state or province the entity is located in, scope of the project(s), size of transaction(s), and dollar volumes from the past three years.

Entity Name	Entity Type *	State / Province *	Scope of Work *	Size of Transactions *	Dollar Volume Past Three Years *	
City of Austin	Government	Texas - TX	Purchaser	10-15 Vehicles at once, Vans and SUVs	Over 1M	*
Los Angeles Department of Water and Power	Government	California - CA	Purchaser	Over 120 Vehicles, Vans and SUVs	Over 3M	*
Port of Los Angeles	Government	California - CA	Purchaser	Over 80 Trucks, Vans and SUVs	Over 2M	*
Anne Arundel County	Government	Maryland - MD	Purchaser	Over 40 Trucks, Vans and SUVs	Over 1M	*
City of San Diego	Government	California - CA	Purchaser	Over 500 Trucks, Vans, SUV'	Over 15M	*

Table 6: Ability to Sell and Deliver Service

Describe your company's capability to meet the needs of Sourcewell participating entities across the US and Canada, as applicable. Your response should address in detail at least the following areas: locations of your network of sales and service providers, the number of workers (full-time equivalents) involved in each sector, whether these workers are your direct employees (or employees of a third party), and any overlap between the sales and service functions.

Line Item	Question	Response *	
25	Sales force.	Our sales force consists of direct and an indirect sales force. Our direct sales force consists of direct employees and partner dealers, which exceeds an employee count of 300 personnel both full time and part time. Many of our sales force are spread across the US and we leverage our relationships with our larger class dealerships to service the members lower class vehicle needs as well. A cross sales force. These individuals help support our dealerships and NAFG Fleet Division directly. On the other hand, our indirect sales force made up of upfitters and partner suppliers consists of over 100 personnel with our partner network and sales force growing annually. With both direct and indirect sales force staff working together, NAFG has been able to successfully grow, maintain and service the demand of the members. As the number of your members grow, we will continuously welcome more staff to not only meet customer demand, but also to exceed customer expectations.	*

26	Dealer network or other distribution methods.	Our franchise network in Canada and the U.S. is fortunately second to none. Our 15 proposed OEMS previously mentioned, all of which have established a presence nationwide with factory stores strategically placed where all members can receive service and complete warranty repairs with their respective products. Simple put the North American and Canadian automobile supply chain network is one of the best in the world. Of the 15 brands we represent, the OEMs have put in place a dealer network across all 50 states that will allow us to best serve all members.	*
27	Service force.	The 15 manufactures we represent have thousands of service locations that would be easily accessible to all your members. Service centers and warranty repair facilities for all 15 OEMs are ample and ready to help service our members and their needs. However, Alaska and Hawaii may be exceptions as they may have farther distances between franchises where members can utilize the repair services.	*
28	Describe the ordering process. If orders will be handled by distributors, dealers or others, explain the respective roles of the Proposer and others.	The member may order their vehicles by navigating to our website, www.NationalAutoFleetGroup.com and going through the step-by-step process to generate an online quote or by calling one of our representatives at 855-289-6572 or by sending NAFG an email at Fleet@NationalAutoFleetGroup.com. Orders are then processed directly to the manufacturer who will work to supply the vehicle to the ship-to location for upfittinig or end user desired delivery location.	*
29	Describe in detail the process and procedure of your customer service program, if applicable. Include your response-time capabilities and commitments, as well as any incentives that help your providers meet your stated service goals or promises.	To best demonstrate our Customer Service program, kindly reference the ZIP file “Member Walk Through” that is attached in the Additional Documents folder. Please begin with and review in order that is explained below: How Members Can Get Quotes Online: A member can obtain most quotes by visiting our website www.NationalAutoFleetGroup.com where a simple one step form is needed for registration. This is to protect the price information from nonmembers. Once a member registers they will receive an automated welcome email with a demo video on how to use our site. Members will gain access to there very own dashboard which will house all there quotes in one safe secure login. Member’s can select which brand they are looking for and model year. Our site shows all the categories the brand offers such as: Cars, Vans, SUV’s Trucks and Chassis Cabs. Members will then be able to drill down for the right selection by picking from the filter menu of what cab there looking for (Regular, Extended or Crew) to 2 wheel or 4 wheel drive down to the bed length there looking for. All factory options are then presented for the member to select from, this will show all current factory orderable options, taking the guess work out for the member. Once a member selects a desire build, they will see there Sourcewell Price report showing the MSRP, there contract price, the saving in real dollars and as a percentage. In the PDF example you can see a saving of $ 9,175.96 of 22.345% to the member showing a significant savings. Members then can chose to add extra’s to there order like extra keys’ service manuals, sales tax and even request an upfit to be added to there quote. Lastly they will be given a complete turn key quote package to print which will include there customized Quote ID, Description and Specifications of what they built. How Members and Upfitters can Partner with NAFG: Our dedicated website www.NAFGPartner.com was built to accommodate the member who would like a certain upfitter to upfit there vehicles. It was also built for upfitters to have a place to go where they can find information on how to partner with NAFG to better serve there local members. Example of A Member with Upfit Quote: This is an example of how we use our Cab Chassis and combine them with an upfit to provide a turnkey solution for the member in a simple to follow format. ETA System for Members Walk Through: This is where members can easily come to our website, the same website they built there chassis on and track there order like they would a UPS package. We have a very simple display on our homepage “Track your order” where members can enter one of the following: Purchase Order Number, Quote ID, Upfit Quote ID or vin to easily see there in the process there particular order is in. Courtesy Confirmation Explained: After NAFG receives an order from a Member, we always like to send them a Courtesy Confirmation. This is were the member will double check some particulars on there order like, Color, Quantity, Upfit and Specification’s are all correct before order placement. We also like to ask for title information at this point so we can help process the paperwork at delivery promptly. Factory Order Cut Off Notices: Here is were we like to highlight were members can access any upcoming factory order cut off dates. We walk them through the process step by step to ensure everyone knows the upcoming order cut off date, we even print this information (if known at the time) right on the cover page of there quotes. Validation Walk Through Example: To demonstrate a price validation, we show what a member would see when they build a truck on our site. At check out the member would see the Total Configured MSRP of $ 35,730.00, A Sourcewell Price of $ 27,331.68, Total Saving of $ 8,398.32 or 23.505% for a 2020 F-250 followed by the pricing page which shows the Minimum Discount of at least 18.50%. As you see we provided an additional 5% discount on top of the 18.50% contract discount. This would be the case in most instances.	*
30	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in the United States.	Our willingness and ability to service members nationwide is unparalleled. We have dedicated staff 5 days a week, from 7am to 7pm standing by ready to assist any member help find the best solution for there needs even if helping assist them to the best Sourcewell Contract that could be a solution. We have a dedicated live chat feature on our online quote generating website in case any member has any trouble at all in building there quotes. NAFG has established a chain of suppliers who are at the ready to serve if called upon by any member. We are here to help.	*
31	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in Canada.	We are willing and eager to soon extend our business model and network into Canada. We believe partnering with local Canadian based dealer groups is key to success in the Canadian market. NAFG’s competitive pricing as well as a simple US Dollar to Canadian conversation will help NAFG expand into the Canadian market for participating Sourcewell members.	*
32	Identify any geographic areas of the United States or Canada that you will NOT be fully serving through the proposed contract.	National Auto Fleet Group will handle servicing 100% of all geographic areas located in the United States. Although it is unclear what unseen obstacles we may face in Canada, NAFG is committed to building the same model to service Canada and providing the same level of customer satisfaction, service, and care as in the United States.	*

33	Identify any Sourcewell participating entity sectors (i.e., government, education, not-for-profit) that you will NOT be fully serving through the proposed contract. Explain in detail. For example, does your company have only a regional presence, or do other cooperative purchasing contracts limit your ability to promote another contract?	NAFG will continue to service all Sourcewell Members through our 24 hour a day, 7 days a week online portal with the exclusion of Non-Profits. Unfortunately, Non-Profits are often not eligible for the same discount's government entities are qualified for. However, Non-Profits are subject to a different pricing program and will be evaluated on a case to case basis.	*
34	Define any specific contract requirements or restrictions that would apply to our participating entities in Hawaii and Alaska and in US Territories.	The only possible logistical constraints we may face is the shipping constraints for shipments arriving in Alaska, Hawaii and US Territories. For example, we often provide members in Alaska or Hawaii with vehicles that often have upfits. To circumvent this potential issue, members allow us to add these extra shipping and port costs to their quotes.	*

Table 7: Marketing Plan

Line Item	Question	Response *	
35	Describe your marketing strategy for promoting this contract opportunity. Upload representative samples of your marketing materials (if applicable) in the document upload section of your response.	National Auto Fleet Group encompasses a variety of marketing strategies to promote our products and services to streamline the vehicle purchasing process for government entities. Below are a few strategies used to serve as the gateway between our business and public agencies. Website and Inbound Marketing: The creation of a professional customer-focused website is one of our main features to market our products and services. The NAFG website encourages our members to interact and browse through products offered along with pricing and information about National Auto Fleet Group. Inbound marketing is created when potential members are directed to the company website. With this method, we are able to not only connect with members but to put the purchasing ability into the hands of each member. Our inbound marketing strategy attracts members by creating valuable content and experiences tailored to the needs of each individual. Examples include email campaign flyers on our products, informative and how-to videos, social media and engaging members with top-notched customer service to build brand awareness. Email Marketing: One of the main strategies used to engage current and potential members is Email Marketing. Our emails include different types of flyers that consist of information of the Sourcewell contract, promoting manufacturer brands, holiday themed flyers, discounts offered to first time buyers, important cutoff date reminders and upcoming products and events. The use of marketing campaigns plays a major role in enhancing the growth of our client database. Emails are a big part of our daily lives due to government agency employees utilizing emails as their main source of communication. We use campaigner.com as the emailing platform to reach our target members. Videos and descriptive images are used on all flyers and are compatible with a desktop or mobile device. Messages are short and to the point with links leading to the Sourcewell and NAFG homepage. The Campaigner email system allows the ability to track email activity based on open rate, unsubscribes and link clicks which is beneficial to understanding email effectiveness. Once potential members are directed to our website, they are welcomed with a wide range of options to explore an array of our products and services. They are able to register to become a member, view pricing, explore available in-stock vehicles, view how-to-videos, build a vehicle online to request an immediate quote or use our live chat assistant or call/email for live support. Face to Face Marketing Strategies: This strategy has proven to be successful in generating leads and creating lasting relationships by developing genuine connections with prospective members. National Auto Fleet Group attends several trades shows per year to engage members and put a face to the company. This in person meeting aids to build the brand by nurturing relationships between members and other vendors associated through the process. Trade shows attended include GFX, IAPPO, NIGP, ACT, CAPPO, and CASBO throughout the United States. NAFG has many opportunities to make in person presentations to propose products, services offered and to answer any questions potential members may have. These PowerPoint Presentations include topics on NAFG/Sourcewell process, how to facilitate the vehicle purchasing without bidding, informational videos, and the brands and services we provide. These meetings have been held at local cities, counties, school districts, water districts and ports. Relationship Marketing is a vital strategy used in building and maintaining long-term relationships practiced by National Auto Fleet Group on a daily basis. NAFG strives to create a positive and supportive connection with members by providing personalized and responsive customer service practices. The sales team has worked tirelessly to focus on providing outstanding customer support to create a powerful rapport with existing and new members. By going above and beyond, they have enhanced existing relationships and executed customer loyalty with repeat businesses. They strive to deviate from the "Car Salesperson" mentality which is 100% sales driven to a more product and customer service approach by instilling a sense of confidence in our clients. The goal is to regularly assist clients and address any needs and concerns even after the purchase has occurred. The strive to focus on solution selling vs. product selling develops into a mutually beneficial agreement for members and the business. Below are a few examples on successful relationship marketing from our Fleet Department: We had a member call in to request financing/lease options for a truck needed through our National Auto Fleet Group/Sourcewell vehicle contract. I contacted another Sourcewell vendor, Matt Geiselhart from NCL Gov Capital and he was happy to assist with a financing quote. The member also requested to trade in a current vehicle in their fleet and was directed to Govdeals for assistance in removing the outdated unit through an auction. The member was able to utilize three Sourcewell contracts to complete his transaction which simplified the entire process. The member was very satisfied with the amount of care and ease through his experience and became a repeat customer. By utilizing a cross-selling strategy, National Auto Fleet Group became his one stop shop to fulfill all fleet vehicle purchasing needs. "I had a member call in desperate to obtain a new truck because an employee had gotten into a serious accident and had the truck totaled. Due to covid restrictions, most manufacturers are currently experiencing microchip shortages which relays to production delays at the factory. We were able to direct buyer to our in-stock inventory on the NAFG website and member was ecstatic to locate truck to meet their needs. Instead of having to wait 30 weeks to receive the new vehicle, member was able to obtain the new truck within 3 weeks."	*

"I once had a member contact us two years after purchasing a vehicle from us. They had a malfunction with the liftgate on the box truck which caused a logistical nightmare. I was able to contact one of our body vendors that upfitted the lift gate installation and a service technician was able to go onsite to resolve the liftgate issue at no additional cost. The member was very impressed with the quality of our customer service even after purchase. "

"I had a member request a ¾ ton truck pricing but was unsure about their budget at the time. I took the time to go through each option with the client to provide a Sourcewell pricing quote through multiple manufacturers from Ram, Chevrolet and Ford. This empowered the member to have multiple pricing options for review to align with their budget as well as eliminating the need to shop anywhere else. "

"We work with many body companies to assist customers with the body upfitting process. One of our members called in a request to expedite a particular vehicle that was held up at one of their local body upfitters. I contacted the body company representative and put in a request to expedite the upfitting per request of the member. The body company was able to comply with the request and delivery was made sooner than expected."

Word-of-Mouth Marketing: The positive quality of service has led to more sales based on previous customers' impressions on their experience. NAFG's goal is to provide exemplary customer service throughout the entire purchasing process to encourage repeat business and advocate services to other members. NAFG has been fortunate to experience multiple instances of leads generated based solely on word-of-mouth marketing though our existing customers.

Cross-promotion: National Auto Fleet Group is currently collaborating with another Sourcewell Vendor, NCL Government Capital to promote each other's products and services. NCL Government Capital specializes in providing competitive equipment financing programs for municipalities and public education entities across the United States. As a team, NCL and NAFG produced a variety of marketing materials such as videos, flyers and info graphs to promote purchasing and leasing opportunities.

Hoglund Bus Company is another cross-promotion vendor NAFG had the opportunity to create a partnership with. Flyers were created to advertise Chassis from NAFG along with a variety of bus bodies from Hoglund Bus Company.

With cross-promotion, companies exchange knowledge and provide endorsements on websites, social media, and email campaigns. This strategy creates an influx of new leads, brand awareness, increased sales and recurrence of customers. National Auto Fleet Group will continue to create new partnerships and facilitate more cross-promotion opportunities in the near future to provide turnkey solutions for a variety of vehicle purchasing needs.

Coming in 2022, National Auto Fleet Group will be launching a NAFG Partner Website to further increase business growth. The website www.nafgpartner.com is expected to launch next year in 2022. The site encourages body upfitting companies throughout the United States to partner up with NAFG to become a preferred member. The benefits of becoming a preferred member include endorsements on website and social media avenues along with word-of-mouth referral for clients with upfitting needs. Our dedicated public relations representative will conduct phone and in person meetings to discuss the advantages of partnering up with NAFG, therefore generating more cross-promotion opportunities.

Members from government agencies are encouraged to go on the site to search for local body upfitting companies they are interested in working with. As a prerequisite in becoming a preferred vendor, they are required to advertise NAFG and the Sourcewell contract on their business website and refer their clients to purchase their cab/chassis needs through NAFG. This establishes a partnership that will generate increased sales all around. We are still currently building the website and interacting with body companies across the United States that would be interested in partnering up with NAFG.

36	Describe your use of technology and digital data (e.g., social media, metadata usage) to enhance marketing effectiveness.	Social media plays a crucial element in the way people communicate and connect with each other. LinkedIn is the go-to platform used by NAFG as it offers a variety of ways to expand our network by locating and connecting with relevant professionals in the industry. National Auto Fleet Group has utilized LinkedIn to engage current and potential members through personalized messages and posts. Personalized messages include thanking them for registering on site as well as directing them to on our link to the website, LinkedIn, YouTube, Facebook and Instagram company pages. The goal is to unite with people already on our database as well as people that would benefit from our products and services. Current flyers or messages about our company are also posted on the LinkedIn site to generate and attract more business. Time is also spent on reading posts from connections and observe any needs that National Auto Fleet Group may assist with. National Auto Fleet Group has begun utilizing video marketing strategies to further promote and market products by engaging on social media channels and email flyers. Programs such as Vimeo, Video Scribe, Cartoon Animator, Adobe Animate, Illustrate, Captive, Photoshop and Movavi Video Editor Plus are employed to edit and create videos to assist in endorsing our company. The following videos were recently created by our marketing department along with outside video production companies: Explainer Video: The first video created was a 90 second explainer video about National Auto Fleet Group that used animated characters to visualize our products and services along with information on the Sourcewell awarded contract. The video has been incorporated into all our weekly email flyers and social media platforms as an informative video on our products and how to purchase vehicles off Sourcewell Government Contract. How To Videos: National Auto Fleet Group has also created step-by-step How-To videos on the process to purchase both Light Duty and Heavy-Duty vehicles off the contract. In Stock Vehicles: This video showcases our in-stock vehicles available and the process of requesting a quote. ETA Tracking System: This video was created to not only introduce but to encourage clients to self-track their vehicle status. Holiday Themed Videos: These amusing videos were created to celebrate the holidays and add humor and lightness to our company and products sold. Cross Promotion Video: This video markets our relationship with NCL Government Capital and Sourcewell to endorse EV vehicles. Videos for social media: Mini videos were created to advertise new vehicles available, pricing and cutoff date reminders. NAFG has recently introduced a newly built live chat feature on our website for customer convenience as well as improving customer service. Visitors have access to chat with a live sales representative 24 hours a day, 7 days a week. With this feature potential customers are provided with another avenue for assistance in addition to emailing and phone calls. The benefits of a live chat option include quicker response time to assist buyers in reaching a purchasing decision and answer their questions. Improving customer service will also lead to increased sales, customer loyalty and engagement. Many studies have shown a strong correlation between live chat and increase in conversion rates. Potential clients appreciate having their questions answered in real-time when trying to build a vehicle quote online and allowing the user to multi-task different projects.
37	In your view, what is Sourcewell's role in promoting contracts arising out of this RFP? How will you integrate a Sourcewell-awarded contract into your sales process?	Sourcewell's mission states: "Our commitment to service and exceeding client expectations." This statement integrates with our relationship marketing strategy with our commitment to go above and beyond for all our members. Sourcewell is a trusted brand that government entities can rely on to access a wide variety of products and services for their everyday needs. With over 40 years of partnerships and relationship building, they are the glue that connects government, education, and nonprofit agencies to companies of all sizes to offer turnkey solutions to their needs. Sourcewell is also a reliable resource for vendors by not only connecting with potential prospects but by providing valuable marketing materials readily available for download on their website. Resources and tools provided include flyers, vendor training videos along with compliance information. The Sourcewell brand integrates a thorough documentation review of all vendors prior to awarding their cooperative contracts to ensure products and services are from reputable vendors. The brand provides a sense of legitimacy of our company name and members recognize that products and services are from reliable sources that will meet their needs. Sourcewell's aim is to simplify the purchasing and procurement process of government entities by eliminating the costly bidding procedure. The process of researching the right vendor is not only stressful and time-consuming but can be expensive as well. Sourcewell has completed the bidding for government entities which simplifies the overall purchasing process by providing access to competitively bid contracts procured by a government agency. Sourcewell has provided NAFG with overwhelming opportunities to work with government agencies across the United States. The Sourcewell name represents a high standard of integrity and ethics which is a dynamic National Auto Fleet Group is proud to be part of. Sourcewell members have access to a contract that is more flexible than the standard bidding process. Sourcewell is an organization that aids government entities to stay competitive without the frustrations and issues involved with the traditional bidding process. This contract can be customized to meet the unique needs of each client. The sales team has incorporated not only this standard of integrity in their sales practice ensuring clients' purchasing needs will always be met. The cost savings and stress-free nature of the cooperative contracts favors that of the traditional bidding process. It enables vendors to work with qualifying government entities in a more efficient manner. We vow to maintain these levels of standards across the board throughout all departments within the company.

38	Are your products or services available through an e-procurement ordering process? If so, describe your e-procurement system and how governmental and educational customers have used it.	Our website provides a hands-on empowering approach to ordering vehicles online. Clients can search through many vehicles makes and models with the ability to customize a vehicle tailored to their specific needs of their agency. A personalized quote with pricing can be available in as little as 5 minutes depending on the complexity of the vehicle. If upfitting is needed, the buyer can list the details of the up-fit while building their vehicle on our website to receive a complete quote or a sales representative can be reached through phone, email or our new live chat feature built on our website. We have recently created and uploaded a “How-To Videos” section on the homepage of our website which highlights a step-by-step process on how to build an online quote. This informative video demonstrates how to navigate the website in how to generate a vehicle quote with or without upfitting options. It begins by explaining how to register on our website as a member and then details on how to select vehicle model and type and the factory options needed. Once a customized quote is built, clients have the option to finalize the sales transaction by submitting a purchase order to our sales team via email. This gives complete autonomy to the client to purchase vehicles without the need to speak to a sales rep. If assistance is needed, they can contact sales through email, live chat or phone. If assistance is required to build a quote, our sales rep is also available to walk a client through the e-procurement process step by step. This ensures someone is available to answer any questions if needed and empowering the client to make any future purchases on their own. Clients may also call or email the needs of the company and receive a customized vehicle quote.	*

Table 8: Value-Added Attributes

Line Item	Question	Response *	
39	Describe any product, equipment, maintenance, or operator training programs that you offer to Sourcewell participating entities. Include details, such as whether training is standard or optional, who provides training, and any costs that apply.	National Auto Fleet Group extends any and all product, equipment, maintenance and operating programs provided by the Manufacturer directly to Sourcewell participating entities during the quoting process. The manufacturer will provide quotes to the member based on the vehicles class and size, and geographic location. NAFG will always pass these quotes onto members and treat them like an upfit to the vehicle.	*
40	Describe any technological advances that your proposed products or services offer.	Technological accomplishments by Manufactures like Ford Motor Company and General Motors serve members by keeping many models available for members to choose from. Additionally, NAFG allows members the ability to choose to electrify their vehicle by opting into the Motive Power Systems we can still help supply this kind of an upfit. For more information, we have attached the product and pricing information within the “Upfits Available” and “All 15 Manufactures” ZIP files under the supporting documents portion of the application.	*
41	Describe any “green” initiatives that relate to your company or to your products or services, and include a list of the certifying agency for each.	. National Auto Fleet Group helped create the Climate Mayor Purchasing Collaborative by partnering with over 400 Mayors nationwide. This initiative was created for the benefit of members who wanted to create and sustain an all-electric fleet. We offer 100% purely electric vehicles your members to choose from. Some popular models include the Chevrolet Bolt, Ford Fusion, Ford Mustang Mach-E, as well as Ford’s all electric F-150. We are confident that as more OEM’s continue to manufacture new electric vehicles, we will provide them for members to select from. More information about this initiative can be found at www.Driveevfleet.org	*
42	Identify any third-party issued eco-labels, ratings or certifications that your company has received for the equipment or products included in your Proposal related to energy efficiency or conservation, life-cycle design (cradle-to-cradle), or other green/sustainability factors.	NAFG has the California Air Resource Board (CARB) Certificate as well as the Ford Qualified Vehicle Modifier Certificate on file with some of our partner suppliers and upfitters hold these certifications and these certifications help illustrate how each vehicle conserves energy and remains energy efficient.	*
43	Describe any Women or Minority Business Entity (WMBE), Small Business Entity (SBE), or veteran owned business certifications that your company or hub partners have obtained. Upload documentation of certification (as applicable) in the document upload section of your response.	NAFG holds a current partnership with many suppliers some of which are veteran owned such as Pacific Truck Body located in CA. Our Ford, Chevrolet and Ram,Jeep,Dodge,Chrysler stores are jointly owned and operated by Minorities.	*
44	What unique attributes does your company, your products, or your services offer to Sourcewell participating entities? What makes your proposed solutions unique in your industry as it applies to Sourcewell participating entities?	. National Auto Fleet Group was not only built on dedication and hard work, but also through quantifiable metrics that directly measure the results of our efforts to ensure real goals are being measured and met. Through measuring results, NAFG takes responsibility in ensuring we deliver only the best customer care to your members. NAFG offers members 24 hour website access to customer support to personably walk members through any questions they may have. No matter what the issue may be, we always think outside the box to help members find a solution.	*

Table 9A: Warranty

Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure. You may upload representative samples of your warranty materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
45	Do your warranties cover all products, parts, and labor?	Each of the 15 manufactures we represent cover their own products, parts, and labor. All warranty information may be found in our attachments under the ZIP File "All 15 Manufactures".	*
46	Do your warranties impose usage restrictions or other limitations that adversely affect coverage?	Prior to purchase, members should be aware of each manufacturer's restrictions. Such as improper use of the vehicle may result in disqualification of coverage under the OEM's warranty. An example of this may be an F-350 being used for a police related pursuit, which may void certain warranties. Although, we always welcome and encourage members to contact us for their particular warranty coverage.	*
47	Do your warranties cover the expense of technicians' travel time and mileage to perform warranty repairs?	In some cases, manufacturers will tow a member's vehicle to the nearest warranty repair facility in case of a breakdown and cover expenses, but prior approval is required.	*
48	Are there any geographic regions of the United States or Canada (as applicable) for which you cannot provide a certified technician to perform warranty repairs? How will Sourcewell participating entities in these regions be provided service for warranty repair?	This may vary from manufacturer to manufacturer. Thus, we encourage members to call in prior to purchase and inquire about their specific region and how their warranty repairs will be covered with their manufacturer.	*
49	Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?	All warranties are typically passed on to the original equipment manufacturer and any upfit warranty will be passed on to the upfitter to perform.	*
50	What are your proposed exchange and return programs and policies?	If a member changes their mind, NAFG will quickly make every effort to change or cancel the order with the factory. However, once the manufacturer begins producing the vehicle, there are no changes, exchanges, or refunds available. The order is then deemed non-cancellable. This includes any upfit equipment an upfitter has ordered for the unit.	*
51	Describe any service contract options for the items included in your proposal.	NAFG offers any and all manufacturer service contracts for all members. There are several parameters in which a service contract may be customizable. These customized service contracts will be treated as add factory options and following the same discount schedule provided in the pricing file.	*

Table 9B: Performance Standards or Guarantees

Describe in detail your performance standards or guarantees, including conditions and requirements to qualify, claims procedure, and overall structure. You may upload representative samples of your performance materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
52	Describe any performance standards or guarantees that apply to your services	The only guarantee we can ever provide is the guarantee that we will treat and help every member that contacts with respect, integrity and professionalism.	*
53	Describe any service standards or guarantees that apply to your services (policies, metrics, KPIs, etc.)	NAFG and staff uphold high standards with how we provide service to the members, not only holding each other accountable but by embracing member feedback of how we can improve. Then we act upon it and implement improvements.	*

Table 10: Payment Terms and Financing Options

Line Item	Question	Response *	
54	Describe your payment terms and accepted payment methods?	Standard payment terms are Net 20, with a 10 – day grace period.	*
55	Describe any leasing or financing options available for use by educational or governmental entities.	. In order to provide leasing or financing options, NAFG has partnered with National Cooperative Leasing to offer leasing terms for Sourcewell members for all NAFG quotes under the Sourcewell contract. For further review, we have attached a PDF called "NCL Sample Lease" in the "Member Walk Through" Zip file.	*
56	Describe any standard transaction documents that you propose to use in connection with an awarded contract (order forms, terms and conditions, service level agreements, etc.). Upload a sample of each (as applicable) in the document upload section of your response.	National Auto Fleet Group's transaction process (Purchase Order) is closely tracked, well documented, and neatly organized to monitor each transaction performed through our Sourcewell Contract. This way, NAFG may produce swift and accurate quarterly reporting.	*
57	Do you accept the P-card procurement and payment process? If so, is there any additional cost to Sourcewell participating entities for using this process?	Yes, NAFG accepts up to $2,500 per vehicle. However, any dollar amount higher than $2,500 will require a P-card/ Credit Card transactional fee that would be passed onto the member	*

Table 11: Pricing and Delivery

Provide detailed pricing information in the questions that follow below. Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract as described in the RFP, the template Contract, and the Sourcewell Price and Product Change Request Form.

Line Item	Question	Response *	
58	Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the Sourcewell discounted price) on all of the items that you want Sourcewell to consider as part of your RFP response. If applicable, provide a SKU for each item in your proposal. Upload your pricing materials (if applicable) in the document upload section of your response.	National Auto Fleet Group is offering Line-Item Discounts Off Manufacture Suggested Retail Price for 15 manufacturers that is detailed in the Price File. NAFG will also offer any Upfits to be added to any and all vehicles' that members wish to add. Details are located on the Price Summary Page in the Price File.	*
59	Quantify the pricing discount represented by the pricing proposal in this response. For example, if the pricing in your response represents a percentage discount from MSRP or list, state the percentage or percentage range.	NAFG has an provided offerings from 15 Brands/OEMS and there respective percentage off vary and are detailed in the "Price File" zip Each Manufacture Range is detailed in the tabs below, here is an overview Chevrolet from -.077 to 24.45 % Ford Motor Company from -5.19 to 23.31 % GMC from 6.14 to 22.45 % Ram from 4.99 to 14.23 % Dodge from 3.09 to 9.96 % Jeep from 1.38 to 4.17 % Chrysler from 1.65 to 4.55 % Toyota from .03 to 8.98 % Honda from 1.34 to 4.9 % Nissan from -.085 to 14.61 % Buick from 2.36 to6.08 Kia from .69 to 8.39 % BMW from 3.8 to 4.77 % Cadillac from 4.22 to 6.77 % Volkswagen from 2.17 to 2.46 %	*
60	Describe any quantity or volume discounts or rebate programs that you offer.	If clients are considering an order of 150 or more units, we encourage members to contact us for any additional discounted quotes.	*
61	Propose a method of facilitating "sourced" products or related services, which may be referred to as "open market" items or "nonstandard options". For example, you may supply such items "at cost" or "at cost plus a percentage," or you may supply a quote for each such request.	"Open Market" products or "Sourced Goods" will be considered and treated as regular upfits. However, they may be quoted up to a 10% mark up, if applicable.	*
62	Identify any element of the total cost of acquisition that is NOT included in the pricing submitted with your response. This includes all additional charges associated with a purchase that are not directly identified as freight or shipping charges. For example, list costs for items like pre-delivery inspection, installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.	All considerations have already been taken into account in its entirely. The Price Summary Page and Price Table contained in the price file includes all considered costs. Although if a member requested a specialized quote for a unique situation that requires special training, direction, or installation, the additional costs would be added as a part of the upfit and then included inside the member's quote.	*
63	If freight, delivery, or shipping is an additional cost to the Sourcewell participating entity, describe in detail the complete freight, shipping, and delivery program.	All manufactures charge a standard "Factory Destination Charge". However, that is separate from the freight/destination cost that members may incur to ship a vehicle to and from an installer, if applicable. These subsequent locational movements may bare additional freight costs that will be outlined within the members quote for their review prior to purchase.	*
64	Specifically describe freight, shipping, and delivery terms or programs available for Alaska, Hawaii, Canada, or any offshore delivery.	Freight, shipping, and delivery terms among these regions sometimes carry additional logistical charges for added ferry, port and driver costs from both to and from the mainland. These added costs will be disclosed on the quote for members to review and approve prior to purchase.	*
65	Describe any unique distribution and/or delivery methods or options offered in your proposal.	National Auto Fleet Group already has a well-established Automobile Franchise Distribution Network that allows for swift and relatively seamless delivery to members and their end users.	*

Table 12: Pricing Offered

Line Item	The Pricing Offered in this Proposal is: *	Comments
66	c. better than the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.	NAFG Strives to offer the best overall value to the member with each and every quote.

Table 13: Audit and Administrative Fee

Line Item	Question	Response *	
67	Specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with Sourcewell. This process includes ensuring that Sourcewell participating entities obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to Sourcewell. Provide sufficient detail to support your ability to report quarterly sales to Sourcewell as described in the Contract template.	Sourcewell participating members are able to obtain proper pricing directly from our website, where they are able to use our user-friendly design to build and price their vehicles. The NAFG is updated daily to reflect updated manufacturer MSRP information. Our system will provide members with an accurate quote 99.99% of the time. In addition, NAFG has a stream line and organized process hat calculates administrative fees and allows NAFG to give a turnaround time of 15 – 30 days for quarterly reports.	*
68	If you are awarded a contract, provide a few examples of internal metrics that will be tracked to measure whether you are having success with the contract.	One of the internal metrics NAFG uses to track and measure success with the Sourcewell Contract is maintained through our website. Our website keeps a detailed log of quotes that members are generating. We oversee and keep track of how many quotes are being generated and which quotes are met with a purchase order. Every month we evaluate our sales indicators and closely monitor the volume and frequency of sales. One example is by evaluating which members are purchasing from our platform – new members or frequent members to ensure we are growing our member base. We use these metrics to measure our projected growth rate and work to exceed our expectations.	*
69	Identify a proposed administrative fee that you will pay to Sourcewell for facilitating, managing, and promoting the Sourcewell Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor's sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member's cost of goods. (See the RFP and template Contract for additional details.)	NAFG will submit $ 300 per vehicle purchased through NAFG and $ 200 per vehicle purchased though our partner dealer Alan Jay Automotive. For the purpose of an admin fee there are no other partner dealer groups considered.	*

Table 14A: Depth and Breadth of Offered Equipment Products and Services

Line Item	Question	Response *	
70	Provide a detailed description of the equipment, products, and services that you are offering in your proposal.	NAFG has provided a "Model Roll Out" Charts in the "Price File" zip, but of the 15 manufacturers we represent, they have over 100 makes and models for members to choose from that range from Class 1-3 and supporting Class 4 Cab and Chassis trucks. NAFG's platforms can add any upfit of their choosing, ranging from toolboxes to Line Mechanic Bodies. Any and all upfits can be added to any one of our vehicles through one of our upfit partner suppliers or by an upfit supplier of the members choosing. NAFG and the supplier will work together to supply members with turnkey quotes.	*
71	Within this RFP category there may be subcategories of solutions. List subcategory titles that best describe your products and services.	National Auto Fleet Group lists the makes and models of all 15 manufacturers we represent under the ZIP File "All 15 Manufactures". These 15 OEMs make up over 100 combined makes, models, and engine combinations for members to select from along with several subtitle "Upfits" detailed for members in the price file.	*

Table 14B: Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Line Item	Category or Type	Offered *	Comments
72	Automobiles	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
73	Sport Utility Vehicles	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
74	Vans	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
75	Trucks	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
76	Vehicles described in Lines 72-75 above for Public Safety applications	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
77	Conventional internal combustion models	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
78	Natural gas or propane autogas, hybrid, or alternative fuel models	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models
79	Electric powered models	(•) Yes ( ) No	15 Manufacturers totaling well above 700 makes and models

Table 15: Exceptions to Terms, Conditions, or Specifications Form

Line Item 80. **NOTICE**: To identify any exception, or to request any modification, to the Sourcewell template Contract terms, conditions, or specifications, a Proposer must submit the exception or requested modification on the **Exceptions to Terms, Conditions, or Specifications Form** immediately below. The contract section, the specific text addressed by the exception or requested modification, and the proposed modification must be identified in detail. Proposer's exceptions and proposed modifications are subject to review and approval of Sourcewell and will not automatically be included in the contract.

Contract Section	Term, Condition, or Specification	Exception or Proposed Modification

Documents

Ensure your submission document(s) conforms to the following:

1. Documents in PDF format are preferred. Documents in Word, Excel, or compatible formats may also be provided.

2. Documents should NOT have a security password, as Sourcewell may not be able to open the file. It is your sole responsibility to ensure that the uploaded document(s) are not either defective, corrupted or blank and that the documents can be opened and viewed by Sourcewell.

3. Sourcewell may reject any response where any document(s) cannot be opened and viewed by Sourcewell.

4. If you need to upload more than one (1) document for a single item, you should combine the documents into one zipped file. If the zipped file contains more than one (1) document, ensure each document is named, in relation to the submission format item responding to. For example, if responding to the Marketing Plan category save the document as “Marketing Plan.”

- Pricing - NAFG Price File for Bid 091521.zip - Monday September 13, 2021 19:29:27
- Financial Strength and Stability - Market Success and Financial Stability.zip - Monday September 13, 2021 19:30:12
- Marketing Plan/Samples - Marketing Plan Compressed.zip - Tuesday September 14, 2021 11:38:30
- WMBE/MBE/SBE or Related Certificates - Insurance and Related Documents.zip - Tuesday September 14, 2021 11:40:18
- Warranty Information - Warranties RFP 091521.zip - Tuesday September 14, 2021 11:40:36
- Standard Transaction Document Samples - Standard Transaction.zip - Monday September 13, 2021 19:54:48
- Upload Additional Document - ALL 15 Makes and Upfits.zip - Tuesday September 14, 2021 11:35:54

Addenda, Terms and Conditions

PROPOSER AFFIDAVIT AND ASSURANCE OF COMPLIANCE

I certify that I am the authorized representative of the Proposer submitting the foregoing Proposal with the legal authority to bind the Proposer to this Affidavit and Assurance of Compliance:

1. The Proposer is submitting this Proposal under its full and complete legal name, and the Proposer legally exists in good standing in the jurisdiction of its residence.

2. The Proposer warrants that the information provided in this Proposal is true, correct, and reliable for purposes of evaluation for contract award.

3. The Proposer, including any person assisting with the creation of this Proposal, has arrived at this Proposal independently and the Proposal has been created without colluding with any other person, company, or parties that have or will submit a proposal under this solicitation; and the Proposal has in all respects been created fairly without any fraud or dishonesty. The Proposer has not directly or indirectly entered into any agreement or arrangement with any person or business in an effort to influence any part of this solicitation or operations of a resulting contract; and the Proposer has not taken any action in restraint of free trade or competitiveness in connection with this solicitation. Additionally, if Proposer has worked with a consultant on the Proposal, the consultant (an individual or a company) has not assisted any other entity that has submitted or will submit a proposal for this solicitation.

4. To the best of its knowledge and belief, and except as otherwise disclosed in the Proposal, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest. An organizational conflict of interest exists when a vendor has an unfair competitive advantage or the vendor's objectivity in performing the contract is, or might be, impaired.

5. The contents of the Proposal have not been communicated by the Proposer or its employees or agents to any person not an employee or legally authorized agent of the Proposer and will not be communicated to any such persons prior to Due Date of this solicitation.

6. If awarded a contract, the Proposer will provide to Sourcewell Participating Entities the equipment, products, and services in accordance with the terms, conditions, and scope of a resulting contract.

7. The Proposer possesses, or will possess before delivering any equipment, products, or services, all applicable licenses or certifications necessary to deliver such equipment, products, or services under any resulting contract.

8. The Proposer agrees to deliver equipment, products, and services through valid contracts, purchase orders, or means that are acceptable to Sourcewell Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to Sourcewell Members under an awarded Contract.

9. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.

10. The Proposer understands that Sourcewell will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statutes Section 13.591, subdivision 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals become public data. Minnesota Statutes Section 13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.

11. Proposer its employees, agents, and subcontractors are not:

    1. Included on the "Specially Designated Nationals and Blocked Persons" list maintained by the Office of Foreign Assets Control of the United States Department of the Treasury found at: https://www.treasury.gov/ofac/downloads/sdnlist.pdf;

    2. Included on the government-wide exclusions lists in the United States System for Award Management found at: https://sam.gov/SAM/; or

    3. Presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this solicitation.

☑ By checking this box I acknowledge that I am bound by the terms of the Proposer's Affidavit, have the legal authority to submit this Proposal on behalf of the Proposer, and that this electronic acknowledgment has the same legal effect, validity, and enforceability as if I had hand signed the Proposal. This signature will not be denied such legal effect, validity, or enforceability solely because an electronic signature or electronic record was used in its formation. - Jesse Cooper, Fleet Manager, 72 Hour LLC

The Proposer declares that there is an actual or potential Conflict of Interest relating to the preparation of its submission, and/or the Proposer foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the bid.

○ **Yes** ◉ **No**

The Bidder acknowledges and agrees that the addendum/addenda below form part of the Bid Document.

Check the box in the column "**I have reviewed this addendum"** below to acknowledge each of the addenda.

File Name	I have reviewed the below addendum and attachments (if applicable)	Pages
Addendum_6_ Autos_SUVs_Vans_Trucks_RFP_091521 Wed September 8 2021 06:27 PM	☑	1
Addendum_5_ Autos_SUVs_Vans_Trucks_RFP_091521 Tue September 7 2021 07:28 PM	☑	2
Addendum_4_ Autos_SUVs_Vans_Trucks_RFP_091521 Thu August 26 2021 05:55 PM	☑	1
Addendum_3_ Autos_SUVs_Vans_Trucks_RFP_091521 Mon August 23 2021 09:47 AM	☑	1
Addendum_2_ Autos_SUVs_Vans_Trucks_RFP_091521 Sun August 8 2021 09:02 PM	☑	1
Addendum_1_ Autos_SUVs_Vans_Trucks_RFP_091521 Thu August 5 2021 03:58 PM	☑	1

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CONTRACT EXTENSION

Contract Number: 091521-NAF

Sourcewell
202 12th Street Northeast
P.O. Box 219
Staples, MN 56479
(Sourcewell)

and

National Auto Fleet
490 Auto Center Dr

Watsonville, California 95076-3726
(Vendor)

have entered into Contract Number: 091521-NAF
for the procurement of: Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories

The Contract has an expiration date of 2025-11-08 , but the parties may extend the Contract by mutual consent.

Sourcewell and Vendor acknowledge that extending the Contract benefits the Vendor, Sourcewell and Sourcewell's Members. Vendor and Sourcewell agree to extend the Contract listed above for an additional period, with a new Contract expiration date of 2026-11-08 . All other terms and conditions of the Contract remain in full force and effect.

Sourcewell

Signed by:
Jeremy Schwartz
C0FD2A139D06489...
Authorized Signature

Jeremy Schwartz
Name

Chief Operating and Procurement Officer
Title

5/29/2025 | 12:25 PM CDT
Date

Signed by:
FACBB5730C1E467...
Authorized Signature

Jesse Cooper
Name

Fleet Manager
Title

5/30/2025 | 10:38 AM CDT
Date

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Proposal Evaluation
Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories RFP #091521

	Possible Points	72 HOUR, LLC dba National Auto Fleet Group	CONTEMPORARY MOTOR CARS, INC.	Creative Bus Sales, Inc.	Davis Chevrolet, GMC, Buick, Ltd.	Donlen, LLC	GreenPower Motor Company, Inc.	Lithia Toyota of Billings II, LLC	Lordstown Motors Corp.	Mike Albert Leasing, Inc.	RO Truck & Equipment LLC DBA RO Bus Sales	Tesla, Inc.	TROPICAL FORD, INC.	VALLEY FORD TRUCK, INC.
Conformance to Terms/ Conditions to Include Documentation	50	46	33	38	34	38		34	37	36	35	40	38	41
Pricing	400	355	244	298	240	268		268	264	259	255	260	301	314
Financial, Industry and Marketplace Successes	75	66	56	63	47	49		50	46	55	58	60	55	64
Bidder's Ability to Sell/ Service Contract Nationally	100	84	66	79	60	72		70	59	70	64	82	65	77
Bidder's Marketing Plan	50	47	31	40	26	31		29	36	36	34	34	36	40
Value Added Attributes	75	61	43	45	49	58		49	64	49	48	65	56	53
Warranty Coverages and Information	50	43	37	40	38	39		41	41	38	38	44	41	39
Depth and Breadth of Offered Equipment, Products, or Services	200	176	134	146	155	154		149	133	156	156	143	160	166
Total Points	1,000	878	644	749	649	709		690	680	699	688	728	752	794
Rank Order		1	12	4	11	6		8	10	7	9	5	3	2

DocuSigned by:
James Voelker
15F8CCF1A61E4A0...
James Voelker, CPCM, CFCM, Procurement Lead Analyst

DocuSigned by:
Stephanie Haataja
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Stephanie Haataja, CPIM, Procurement Analyst

DocuSigned by:
Craig West
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Craig West, Procurement Analyst

DocuSigned by:
Tom Sharbonno
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Tom Sharbonno, Procurement Analyst

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Sourcewell

Solicitation Number: RFP #032824

CONTRACT

This Contract is between Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 (Sourcewell) and 72 Hour LLC, dba National Auto Fleet Group, 490 Auto Center Drive, Watsonville, CA 95076 (Supplier).

Sourcewell is a State of Minnesota local government unit and service cooperative created under the laws of the State of Minnesota (Minnesota Statutes Section 123A.21) that offers cooperative procurement solutions to government entities. Participation is open to eligible federal, state/province, and municipal governmental entities, higher education, K-12 education, nonprofit, tribal government, and other public entities located in the United States and Canada. Sourcewell issued a public solicitation for Class 4-8 Chassis and Cabs with Related Equipment, Accessories, and Services from which Supplier was awarded a contract.

Supplier desires to contract with Sourcewell to provide equipment, products, or services to Sourcewell and the entities that access Sourcewell's cooperative purchasing contracts (Participating Entities).

1. TERM OF CONTRACT

A. EFFECTIVE DATE. This Contract is effective upon the date of the final signature below.

EXPIRATION DATE AND EXTENSION. This Contract expires July 9, 2028, unless it is cancelled sooner pursuant to Article 22. This Contract allows up to three additional one-year extensions upon the request of Sourcewell and written agreement by Supplier. Sourcewell retains the right to consider additional extensions beyond seven years as required under exceptional circumstances.

B. SURVIVAL OF TERMS. Notwithstanding any expiration or termination of this Contract, all payment obligations incurred prior to expiration or termination will survive, as will the following: Articles 11 through 14 survive the expiration or cancellation of this Contract. All other rights will cease upon expiration or termination of this Contract.

2. EQUIPMENT, PRODUCTS, OR SERVICES

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A. EQUIPMENT, PRODUCTS, OR SERVICES. Supplier will provide the Equipment, Products, or Services as stated in its Proposal submitted under the Solicitation Number listed above. Supplier's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract.

All Equipment and Products provided under this Contract must be new and the current model. Supplier may offer close-out or refurbished Equipment or Products if they are clearly indicated in Supplier's product and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

This Contract offers an indefinite quantity of sales, and while substantial volume is anticipated, sales and sales volume are not guaranteed.

B. WARRANTY. Supplier warrants that all Equipment, Products, and Services furnished are free from liens and encumbrances, and are free from defects in design, materials, and workmanship. In addition, Supplier warrants the Equipment, Products, and Services are suitable for and will perform in accordance with the ordinary use for which they are intended. Supplier's dealers and distributors must agree to assist the Participating Entity in reaching a resolution in any dispute over warranty terms with the manufacturer. Any manufacturer's warranty that extends beyond the expiration of the Supplier's warranty will be passed on to the Participating Entity.

C. DEALERS, DISTRIBUTORS, AND/OR RESELLERS. Upon Contract execution and throughout the Contract term, Supplier must provide to Sourcewell a current means to validate or authenticate Supplier's authorized dealers, distributors, or resellers relative to the Equipment, Products, and Services offered under this Contract, which will be incorporated into this Contract by reference. It is the Supplier's responsibility to ensure Sourcewell receives the most current information.

3. PRICING

All Equipment, Products, or Services under this Contract will be priced at or below the price stated in Supplier's Proposal.

When providing pricing quotes to Participating Entities, all pricing quoted must reflect a Participating Entity's total cost of acquisition. This means that the quoted cost is for delivered Equipment, Products, and Services that are operational for their intended purpose, and includes all costs to the Participating Entity's requested delivery location.

Regardless of the payment method chosen by the Participating Entity, the total cost associated with any purchase option of the Equipment, Products, or Services must always be disclosed in the pricing quote to the applicable Participating Entity at the time of purchase.

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A. SHIPPING AND SHIPPING COSTS. All delivered Equipment and Products must be properly packaged. Damaged Equipment and Products may be rejected. If the damage is not readily apparent at the time of delivery, Supplier must permit the Equipment and Products to be returned within a reasonable time at no cost to Sourcewell or its Participating Entities. Participating Entities reserve the right to inspect the Equipment and Products at a reasonable time after delivery where circumstances or conditions prevent effective inspection of the Equipment and Products at the time of delivery. In the event of the delivery of nonconforming Equipment and Products, the Participating Entity will notify the Supplier as soon as possible and the Supplier will replace nonconforming Equipment and Products with conforming Equipment and Products that are acceptable to the Participating Entity.

Supplier must arrange for and pay for the return shipment on Equipment and Products that arrive in a defective or inoperable condition.

Sourcewell may declare the Supplier in breach of this Contract if the Supplier intentionally delivers substandard or inferior Equipment or Products.

B. SALES TAX. Each Participating Entity is responsible for supplying the Supplier with valid tax-exemption certification(s). When ordering, a Participating Entity must indicate if it is a tax-exempt entity.

C. HOT LIST PRICING. At any time during this Contract, Supplier may offer a specific selection of Equipment, Products, or Services at discounts greater than those listed in the Contract. When Supplier determines it will offer Hot List Pricing, it must be submitted electronically to Sourcewell in a line-item format. Equipment, Products, or Services may be added or removed from the Hot List at any time through a Sourcewell Price and Product Change Form as defined in Article 4 below.

Hot List program and pricing may also be used to discount and liquidate close-out and discontinued Equipment and Products as long as those close-out and discontinued items are clearly identified as such. Current ordering process and administrative fees apply. Hot List Pricing must be published and made available to all Participating Entities.

4. PRODUCT AND PRICING CHANGE REQUESTS

Supplier may request Equipment, Product, or Service changes, additions, or deletions at any time. All requests must be made in writing by submitting a signed Sourcewell Price and Product Change Request Form to the assigned Sourcewell Supplier Development Administrator. This approved form is available from the assigned Sourcewell Supplier Development Administrator. At a minimum, the request must:

- Identify the applicable Sourcewell contract number;

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- Clearly specify the requested change;
- Provide sufficient detail to justify the requested change;
- Individually list all Equipment, Products, or Services affected by the requested change, along with the requested change (e.g., addition, deletion, price change); and
- Include a complete restatement of pricing documentation in Microsoft Excel with the effective date of the modified pricing, or product addition or deletion. The new pricing restatement must include all Equipment, Products, and Services offered, even for those items where pricing remains unchanged.

A fully executed Sourcewell Price and Product Change Request Form will become an amendment to this Contract and will be incorporated by reference.

5. PARTICIPATION, CONTRACT ACCESS, AND PARTICIPATING ENTITY REQUIREMENTS

A. PARTICIPATION. Sourcewell's cooperative contracts are available and open to public and nonprofit entities across the United States and Canada; such as federal, state/province, municipal, K-12 and higher education, tribal government, and other public entities.

The benefits of this Contract should be available to all Participating Entities that can legally access the Equipment, Products, or Services under this Contract. A Participating Entity's authority to access this Contract is determined through its cooperative purchasing, interlocal, or joint powers laws. Any entity accessing benefits of this Contract will be considered a Service Member of Sourcewell during such time of access. Supplier understands that a Participating Entity's use of this Contract is at the Participating Entity's sole convenience and Participating Entities reserve the right to obtain like Equipment, Products, or Services from any other source.

Supplier is responsible for familiarizing its sales and service forces with Sourcewell contract use eligibility requirements and documentation and will encourage potential participating entities to join Sourcewell. Sourcewell reserves the right to add and remove Participating Entities to its roster during the term of this Contract.

B. PUBLIC FACILITIES. Supplier's employees may be required to perform work at government-owned facilities, including schools. Supplier's employees and agents must conduct themselves in a professional manner while on the premises, and in accordance with Participating Entity policies and procedures, and all applicable laws.

6. PARTICIPATING ENTITY USE AND PURCHASING

A. ORDERS AND PAYMENT. To access the contracted Equipment, Products, or Services under this Contract, a Participating Entity must clearly indicate to Supplier that it intends to access this Contract; however, order flow and procedure will be developed jointly between Sourcewell and Supplier. Typically, a Participating Entity will issue an order directly to Supplier or its authorized

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subsidiary, distributor, dealer, or reseller. If a Participating Entity issues a purchase order, it may use its own forms, but the purchase order should clearly note the applicable Sourcewell contract number. All Participating Entity orders under this Contract must be issued prior to expiration or cancellation of this Contract; however, Supplier performance, Participating Entity payment obligations, and any applicable warranty periods or other Supplier or Participating Entity obligations may extend beyond the term of this Contract.

Supplier's acceptable forms of payment are included in its attached Proposal. Participating Entities will be solely responsible for payment and Sourcewell will have no liability for any unpaid invoice of any Participating Entity.

B. ADDITIONAL TERMS AND CONDITIONS/PARTICIPATING ADDENDUM. Additional terms and conditions to a purchase order, or other required transaction documentation, may be negotiated between a Participating Entity and Supplier, such as job or industry-specific requirements, legal requirements (e.g., affirmative action or immigration status requirements), or specific local policy requirements. Some Participating Entities may require the use of a Participating Addendum, the terms of which will be negotiated directly between the Participating Entity and the Supplier or its authorized dealers, distributors, or resellers, as applicable. Any negotiated additional terms and conditions must never be less favorable to the Participating Entity than what is contained in this Contract.

C. SPECIALIZED SERVICE REQUIREMENTS. In the event that the Participating Entity requires service or specialized performance requirements not addressed in this Contract (such as e-commerce specifications, specialized delivery requirements, or other specifications and requirements), the Participating Entity and the Supplier may enter into a separate, standalone agreement, apart from this Contract. Sourcewell, including its agents and employees, will not be made a party to a claim for breach of such agreement.

D. TERMINATION OF ORDERS. Participating Entities may terminate an order, in whole or in part, immediately upon notice to Supplier in the event of any of the following events:

1. The Participating Entity fails to receive funding or appropriation from its governing body at levels sufficient to pay for the equipment, products, or services to be purchased; or
2. Federal, state, or provincial laws or regulations prohibit the purchase or change the Participating Entity's requirements.

E. GOVERNING LAW AND VENUE. The governing law and venue for any action related to a Participating Entity's order will be determined by the Participating Entity making the purchase.

7. CUSTOMER SERVICE

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A. PRIMARY ACCOUNT REPRESENTATIVE. Supplier will assign an Account Representative to Sourcewell for this Contract and must provide prompt notice to Sourcewell if that person is changed. The Account Representative will be responsible for:

- Maintenance and management of this Contract;
- Timely response to all Sourcewell and Participating Entity inquiries; and
- Business reviews to Sourcewell and Participating Entities, if applicable.

B. BUSINESS REVIEWS. Supplier must perform a minimum of one business review with Sourcewell per contract year. The business review will cover sales to Participating Entities, pricing and contract terms, administrative fees, sales data reports, performance issues, supply issues, customer issues, and any other necessary information.

8. REPORT ON CONTRACT SALES ACTIVITY AND ADMINISTRATIVE FEE PAYMENT

A. CONTRACT SALES ACTIVITY REPORT. Each calendar quarter, Supplier must provide a contract sales activity report (Report) to the Sourcewell Supplier Development Administrator assigned to this Contract. Reports are due no later than 45 days after the end of each calendar quarter. A Report must be provided regardless of the number or amount of sales during that quarter (i.e., if there are no sales, Supplier must submit a report indicating no sales were made).

The Report must contain the following fields:

- Participating Entity Name (e.g., City of Staples Highway Department);
- Participating Entity Physical Street Address;
- Participating Entity City;
- Participating Entity State/Province;
- Participating Entity Zip/Postal Code;
- Participating Entity Contact Name;
- Participating Entity Contact Email Address;
- Participating Entity Contact Telephone Number;
- Sourcewell Assigned Entity/Participating Entity Number;
- Item Purchased Description;
- Item Purchased Price;
- Sourcewell Administrative Fee Applied; and
- Date Purchase was invoiced/sale was recognized as revenue by Supplier.

B. ADMINISTRATIVE FEE. In consideration for the support and services provided by Sourcewell, the Supplier will pay an administrative fee to Sourcewell on all Equipment, Products, and Services provided to Participating Entities. The Administrative Fee must be included in, and not added to, the pricing. Supplier may not charge Participating Entities more than the contracted

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price to offset the Administrative Fee.

The Supplier will submit payment to Sourcewell for the percentage of administrative fee stated in the Proposal multiplied by the total sales of all Equipment, Products, and Services purchased by Participating Entities under this Contract during each calendar quarter. Payments should note the Supplier's name and Sourcewell-assigned contract number in the memo; and must be mailed to the address above "Attn: Accounts Receivable" or remitted electronically to Sourcewell's banking institution per Sourcewell's Finance department instructions. Payments must be received no later than 45 calendar days after the end of each calendar quarter.

Supplier agrees to cooperate with Sourcewell in auditing transactions under this Contract to ensure that the administrative fee is paid on all items purchased under this Contract.

In the event the Supplier is delinquent in any undisputed administrative fees, Sourcewell reserves the right to cancel this Contract and reject any proposal submitted by the Supplier in any subsequent solicitation. In the event this Contract is cancelled by either party prior to the Contract's expiration date, the administrative fee payment will be due no more than 30 days from the cancellation date.

9. AUTHORIZED REPRESENTATIVE

Sourcewell's Authorized Representative is its Chief Procurement Officer.

Supplier's Authorized Representative is the person named in the Supplier's Proposal. If Supplier's Authorized Representative changes at any time during this Contract, Supplier must promptly notify Sourcewell in writing.

10. AUDIT, ASSIGNMENT, AMENDMENTS, WAIVER, AND CONTRACT COMPLETE

A. AUDIT. Pursuant to Minnesota Statutes Section 16C.05, subdivision 5, the books, records, documents, and accounting procedures and practices relevant to this Contract are subject to examination by Sourcewell or the Minnesota State Auditor for a minimum of six years from the end of this Contract. This clause extends to Participating Entities as it relates to business conducted by that Participating Entity under this Contract.

B. ASSIGNMENT. Neither party may assign or otherwise transfer its rights or obligations under this Contract without the prior written consent of the other party and a fully executed assignment agreement. Such consent will not be unreasonably withheld. Any prohibited assignment will be invalid.

C. AMENDMENTS. Any amendment to this Contract must be in writing and will not be effective until it has been duly executed by the parties.

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D. WAIVER. Failure by either party to take action or assert any right under this Contract will not be deemed a waiver of such right in the event of the continuation or repetition of the circumstances giving rise to such right. Any such waiver must be in writing and signed by the parties.

E. CONTRACT COMPLETE. This Contract represents the complete agreement between the parties. No other understanding regarding this Contract, whether written or oral, may be used to bind either party. For any conflict between the attached Proposal and the terms set out in Articles 1-22 of this Contract, the terms of Articles 1-22 will govern.

F. RELATIONSHIP OF THE PARTIES. The relationship of the parties is one of independent contractors, each free to exercise judgment and discretion with regard to the conduct of their respective businesses. This Contract does not create a partnership, joint venture, or any other relationship such as master-servant, or principal-agent.

11. INDEMNITY AND HOLD HARMLESS

Supplier must indemnify, defend, save, and hold Sourcewell and its Participating Entities, including their agents and employees, harmless from any claims or causes of action, including attorneys' fees incurred by Sourcewell or its Participating Entities, arising out of any act or omission in the performance of this Contract by the Supplier or its agents or employees; this indemnification includes injury or death to person(s) or property alleged to have been caused by some defect in the Equipment, Products, or Services under this Contract to the extent the Equipment, Product, or Service has been used according to its specifications. Sourcewell's responsibility will be governed by the State of Minnesota's Tort Liability Act (Minnesota Statutes Chapter 466) and other applicable law.

12. GOVERNMENT DATA PRACTICES

Supplier and Sourcewell must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by or provided to Sourcewell under this Contract and as it applies to all data created, collected, received, maintained, or disseminated by the Supplier under this Contract.

13. INTELLECTUAL PROPERTY, PUBLICITY, MARKETING, AND ENDORSEMENT

A. INTELLECTUAL PROPERTY

1. *Grant of License.* During the term of this Contract:

    a. Sourcewell grants to Supplier a royalty-free, worldwide, non-exclusive right and license to use the trademark(s) provided to Supplier by Sourcewell in advertising and promotional materials for the purpose of marketing Sourcewell's relationship with Supplier.

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b. Supplier grants to Sourcewell a royalty-free, worldwide, non-exclusive right and license to use Supplier's trademarks in advertising and promotional materials for the purpose of marketing Supplier's relationship with Sourcewell.

2. *Limited Right of Sublicense*. The right and license granted herein includes a limited right of each party to grant sublicenses to their respective subsidiaries, distributors, dealers, resellers, marketing representatives, and agents (collectively "Permitted Sublicensees") in advertising and promotional materials for the purpose of marketing the Parties' relationship to Participating Entities. Any sublicense granted will be subject to the terms and conditions of this Article. Each party will be responsible for any breach of this Article by any of their respective sublicensees.

3. *Use; Quality Control.*

a. Neither party may alter the other party's trademarks from the form provided and must comply with removal requests as to specific uses of its trademarks or logos.

b. Each party agrees to use, and to cause its Permitted Sublicensees to use, the other party's trademarks only in good faith and in a dignified manner consistent with such party's use of the trademarks. Upon written notice to the breaching party, the breaching party has 30 days of the date of the written notice to cure the breach or the license will be terminated.

4. *Termination*. Upon the termination of this Contract for any reason, each party, including Permitted Sublicensees, will have 30 days to remove all Trademarks from signage, websites, and the like bearing the other party's name or logo (excepting Sourcewell's pre-printed catalog of suppliers which may be used until the next printing). Supplier must return all marketing and promotional materials, including signage, provided by Sourcewell, or dispose of it according to Sourcewell's written directions.

B. PUBLICITY. Any publicity regarding the subject matter of this Contract must not be released without prior written approval from the Authorized Representatives. Publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Supplier individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this Contract.

C. MARKETING. Any direct advertising, marketing, or offers with Participating Entities must be approved by Sourcewell. Send all approval requests to the Sourcewell Supplier Development Administrator assigned to this Contract.

D. ENDORSEMENT. The Supplier must not claim that Sourcewell endorses its Equipment, Products, or Services.

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14. GOVERNING LAW, JURISDICTION, AND VENUE

The substantive and procedural laws of the State of Minnesota will govern this Contract. Venue for all legal proceedings arising out of this Contract, or its breach, must be in the appropriate state court in Todd County, Minnesota or federal court in Fergus Falls, Minnesota.

15. FORCE MAJEURE

Neither party to this Contract will be held responsible for delay or default caused by acts of God or other conditions that are beyond that party's reasonable control. A party defaulting under this provision must provide the other party prompt written notice of the default.

16. SEVERABILITY

If any provision of this Contract is found by a court of competent jurisdiction to be illegal, unenforceable, or void then both parties will be relieved from all obligations arising from that provision. If the remainder of this Contract is capable of being performed, it will not be affected by such determination or finding and must be fully performed.

17. PERFORMANCE, DEFAULT, AND REMEDIES

A. PERFORMANCE. During the term of this Contract, the parties will monitor performance and address unresolved contract issues as follows:

1. *Notification.* The parties must promptly notify each other of any known dispute and work in good faith to resolve such dispute within a reasonable period of time. If necessary, Sourcewell and the Supplier will jointly develop a short briefing document that describes the issue(s), relevant impact, and positions of both parties.
2. *Escalation.* If parties are unable to resolve the issue in a timely manner, as specified above, either Sourcewell or Supplier may escalate the resolution of the issue to a higher level of management. The Supplier will have 30 calendar days to cure an outstanding issue.
3. *Performance while Dispute is Pending*. Notwithstanding the existence of a dispute, the Supplier must continue without delay to carry out all of its responsibilities under the Contract that are not affected by the dispute. If the Supplier fails to continue without delay to perform its responsibilities under the Contract, in the accomplishment of all undisputed work, the Supplier will bear any additional costs incurred by Sourcewell and/or its Participating Entities as a result of such failure to proceed.

B. DEFAULT AND REMEDIES. Either of the following constitutes cause to declare this Contract, or any Participating Entity order under this Contract, in default:

1. Nonperformance of contractual requirements, or
2. A material breach of any term or condition of this Contract.

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The party claiming default must provide written notice of the default, with 30 calendar days to cure the default. Time allowed for cure will not diminish or eliminate any liability for liquidated or other damages. If the default remains after the opportunity for cure, the non-defaulting party may:

- Exercise any remedy provided by law or equity, or
- Terminate the Contract or any portion thereof, including any orders issued against the Contract.

18. INSURANCE

A. REQUIREMENTS. At its own expense, Supplier must maintain insurance policy(ies) in effect at all times during the performance of this Contract with insurance company(ies) licensed or authorized to do business in the State of Minnesota having an "AM BEST" rating of A- or better, with coverage and limits of insurance not less than the following:

1. *Workers' Compensation and Employer's Liability.*
Workers' Compensation: As required by any applicable law or regulation.
Employer's Liability Insurance: must be provided in amounts not less than listed below:
Minimum limits:
$500,000 each accident for bodily injury by accident
$500,000 policy limit for bodily injury by disease
$500,000 each employee for bodily injury by disease

2. *Commercial General Liability Insurance.* Supplier will maintain insurance covering its operations, with coverage on an occurrence basis, and must be subject to terms no less broad than the Insurance Services Office ("ISO") Commercial General Liability Form CG0001 (2001 or newer edition), or equivalent. At a minimum, coverage must include liability arising from premises, operations, bodily injury and property damage, independent contractors, products-completed operations including construction defect, contractual liability, blanket contractual liability, and personal injury and advertising injury. All required limits, terms and conditions of coverage must be maintained during the term of this Contract.
Minimum Limits:
$1,000,000 each occurrence Bodily Injury and Property Damage
$1,000,000 Personal and Advertising Injury
$2,000,000 aggregate for products liability-completed operations
$2,000,000 general aggregate

3. *Commercial Automobile Liability Insurance.* During the term of this Contract, Supplier will maintain insurance covering all owned, hired, and non-owned automobiles in limits of liability not less than indicated below. The coverage must be subject to terms

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no less broad than ISO Business Auto Coverage Form CA 0001 (2010 edition or newer), or equivalent.

Minimum Limits:
$1,000,000 each accident, combined single limit

4. *Umbrella Insurance*. During the term of this Contract, Supplier will maintain umbrella coverage over Employer's Liability, Commercial General Liability, and Commercial Automobile.

Minimum Limits:
$2,000,000

5. *Professional/Technical, Errors and Omissions, and/or Miscellaneous Professional Liability*. During the term of this Contract, Supplier will maintain coverage for all claims the Supplier may become legally obligated to pay resulting from any actual or alleged negligent act, error, or omission related to Supplier's professional services required under this Contract.

Minimum Limits:
$2,000,000 per claim or event
$2,000,000 – annual aggregate

6. *Network Security and Privacy Liability Insurance*. During the term of this Contract, Supplier will maintain coverage for network security and privacy liability. The coverage may be endorsed on another form of liability coverage or written on a standalone policy. The insurance must cover claims which may arise from failure of Supplier's security resulting in, but not limited to, computer attacks, unauthorized access, disclosure of not public data – including but not limited to, confidential or private information, transmission of a computer virus, or denial of service.

Minimum limits:
$2,000,000 per occurrence
$2,000,000 annual aggregate

Failure of Supplier to maintain the required insurance will constitute a material breach entitling Sourcewell to immediately terminate this Contract for default.

B. CERTIFICATES OF INSURANCE. Prior to commencing under this Contract, Supplier must furnish to Sourcewell a certificate of insurance, as evidence of the insurance required under this Contract. Prior to expiration of the policy(ies), renewal certificates must be mailed to Sourcewell, 202 12th Street Northeast, P.O. Box 219, Staples, MN 56479 or sent to the Sourcewell Supplier Development Administrator assigned to this Contract. The certificates must be signed by a person authorized by the insurer(s) to bind coverage on their behalf.

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Failure to request certificates of insurance by Sourcewell, or failure of Supplier to provide certificates of insurance, in no way limits or relieves Supplier of its duties and responsibilities in this Contract.

C. ADDITIONAL INSURED ENDORSEMENT AND PRIMARY AND NON-CONTRIBUTORY INSURANCE CLAUSE. Supplier agrees to list Sourcewell and its Participating Entities, including their officers, agents, and employees, as an additional insured under the Supplier's commercial general liability insurance policy with respect to liability arising out of activities, "operations," or "work" performed by or on behalf of Supplier, and products and completed operations of Supplier. The policy provision(s) or endorsement(s) must further provide that coverage is primary and not excess over or contributory with any other valid, applicable, and collectible insurance or self-insurance in force for the additional insureds.

D. WAIVER OF SUBROGATION. Supplier waives and must require (by endorsement or otherwise) all its insurers to waive subrogation rights against Sourcewell and other additional insureds for losses paid under the insurance policies required by this Contract or other insurance applicable to the Supplier or its subcontractors. The waiver must apply to all deductibles and/or self-insured retentions applicable to the required or any other insurance maintained by the Supplier or its subcontractors. Where permitted by law, Supplier must require similar written express waivers of subrogation and insurance clauses from each of its subcontractors.

E. UMBRELLA/EXCESS LIABILITY/SELF-INSURED RETENTION. The limits required by this Contract can be met by either providing a primary policy or in combination with umbrella/excess liability policy(ies), or self-insured retention.

19. COMPLIANCE

A. LAWS AND REGULATIONS. All Equipment, Products, or Services provided under this Contract must comply fully with applicable federal laws and regulations, and with the laws in the states and provinces in which the Equipment, Products, or Services are sold.

B. LICENSES. Supplier must maintain a valid and current status on all required federal, state/provincial, and local licenses, bonds, and permits required for the operation of the business that the Supplier conducts with Sourcewell and Participating Entities.

20. BANKRUPTCY, DEBARMENT, OR SUSPENSION CERTIFICATION

Supplier certifies and warrants that it is not in bankruptcy or that it has previously disclosed in writing certain information to Sourcewell related to bankruptcy actions. If at any time during this Contract Supplier declares bankruptcy, Supplier must immediately notify Sourcewell in writing.

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Supplier certifies and warrants that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Supplier certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this Contract. Supplier further warrants that it will provide immediate written notice to Sourcewell if this certification changes at any time.

21. PROVISIONS FOR NON-UNITED STATES FEDERAL ENTITY PROCUREMENTS UNDER UNITED STATES FEDERAL AWARDS OR OTHER AWARDS

Participating Entities that use United States federal grant or FEMA funds to purchase goods or services from this Contract may be subject to additional requirements including the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 C.F.R. § 200. Participating Entities may have additional requirements based on specific funding source terms or conditions. Within this Article, all references to "federal" should be interpreted to mean the United States federal government. The following list only applies when a Participating Entity accesses Supplier's Equipment, Products, or Services with United States federal funds.

A. EQUAL EMPLOYMENT OPPORTUNITY. Except as otherwise provided under 41 C.F.R. § 60, all contracts that meet the definition of "federally assisted construction contract" in 41 C.F.R. § 60-1.3 must include the equal opportunity clause provided under 41 C.F.R. §60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 C.F.R. §, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 C.F.R. § 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." The equal opportunity clause is incorporated herein by reference.

B. DAVIS-BACON ACT, AS AMENDED (40 U.S.C. § 3141-3148). When required by federal program legislation, all prime construction contracts in excess of $2,000 awarded by non-federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. § 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 C.F.R. § 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-federal entity must report all suspected or reported violations to the federal awarding agency. The contracts must also include a provision for compliance with

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the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 C.F.R. § 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to the federal awarding agency. Supplier must be in compliance with all applicable Davis-Bacon Act provisions.

C. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. § 3701-3708). Where applicable, all contracts awarded by the non-federal entity in excess of $100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 C.F.R. § 5). Under 40 U.S.C. § 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. § 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. This provision is hereby incorporated by reference into this Contract. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

D. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT. If the federal award meets the definition of "funding agreement" under 37 C.F.R. § 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 C.F.R. § 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Supplier certifies that during the term of an award for all contracts by Sourcewell resulting from this procurement process, Supplier must comply with applicable requirements as referenced above.

E. CLEAN AIR ACT (42 U.S.C. § 7401-7671Q.) AND THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. § 1251-1387). Contracts and subgrants of amounts in excess of $150,000 require the non-federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. § 7401- 7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. § 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

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Supplier certifies that during the term of this Contract will comply with applicable requirements as referenced above.

F. DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689). A contract award (see 2 C.F.R. § 180.220) must not be made to parties listed on the government wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 C.F.R. §180 that implement Executive Orders 12549 (3 C.F.R. § 1986 Comp., p. 189) and 12689 (3 C.F.R. § 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Supplier certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

G. BYRD ANTI-LOBBYING AMENDMENT, AS AMENDED (31 U.S.C. § 1352). Suppliers must file any required certifications. Suppliers must not have used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Suppliers must disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier up to the non-federal award. Suppliers must file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 U.S.C. § 1352).

H. RECORD RETENTION REQUIREMENTS. To the extent applicable, Supplier must comply with the record retention requirements detailed in 2 C.F.R. § 200.333. The Supplier further certifies that it will retain all records as required by 2 C.F.R. § 200.333 for a period of 3 years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

I. ENERGY POLICY AND CONSERVATION ACT COMPLIANCE. To the extent applicable, Supplier must comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

J. BUY AMERICAN PROVISIONS COMPLIANCE. To the extent applicable, Supplier must comply with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must follow the applicable procurement rules calling for free and open competition.

K. ACCESS TO RECORDS (2 C.F.R. § 200.336). Supplier agrees that duly authorized representatives of a federal agency must have access to any books, documents, papers and

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records of Supplier that are directly pertinent to Supplier's discharge of its obligations under this Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Supplier's personnel for the purpose of interview and discussion relating to such documents.

L. PROCUREMENT OF RECOVERED MATERIALS (2 C.F.R. § 200.322). A non-federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. § 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

M. FEDERAL SEAL(S), LOGOS, AND FLAGS. The Supplier cannot use the seal(s), logos, crests, or reproductions of flags or likenesses of Federal agency officials without specific pre-approval.

N. NO OBLIGATION BY FEDERAL GOVERNMENT. The U.S. federal government is not a party to this Contract or any purchase by a Participating Entity and is not subject to any obligations or liabilities to the Participating Entity, Supplier, or any other party pertaining to any matter resulting from the Contract or any purchase by an authorized user.

O. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS. The Contractor acknowledges that 31 U.S.C. 38 (Administrative Remedies for False Claims and Statements) applies to the Supplier's actions pertaining to this Contract or any purchase by a Participating Entity.

P. FEDERAL DEBT. The Supplier certifies that it is non-delinquent in its repayment of any federal debt. Examples of relevant debt include delinquent payroll and other taxes, audit disallowance, and benefit overpayments.

Q. CONFLICTS OF INTEREST. The Supplier must notify the U.S. Office of General Services, Sourcewell, and Participating Entity as soon as possible if this Contract or any aspect related to the anticipated work under this Contract raises an actual or potential conflict of interest (as described in 2 C.F.R. Part 200). The Supplier must explain the actual or potential conflict in writing in sufficient detail so that the U.S. Office of General Services, Sourcewell, and Participating Entity are able to assess the actual or potential conflict; and provide any additional information as necessary or requested.

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R. U.S. EXECUTIVE ORDER 13224. The Supplier, and its subcontractors, must comply with U.S. Executive Order 13224 and U.S. Laws that prohibit transactions with and provision of resources and support to individuals and organizations associated with terrorism.

S. PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. To the extent applicable, Supplier certifies that during the term of this Contract it will comply with applicable requirements of 2 C.F.R. § 200.216.

T. DOMESTIC PREFERENCES FOR PROCUREMENTS. To the extent applicable, Supplier certifies that during the term of this Contract will comply with applicable requirements of 2 C.F.R. § 200.322.

22. CANCELLATION

Sourcewell or Supplier may cancel this Contract at any time, with or without cause, upon 60 days' written notice to the other party. However, Sourcewell may cancel this Contract immediately upon discovery of a material defect in any certification made in Supplier's Proposal. Cancellation of this Contract does not relieve either party of financial, product, or service obligations incurred or accrued prior to cancellation.

Sourcewell	72 Hour LLC, dba National Auto Fleet Group
DocuSigned by: Jeremy Schwartz C0FD2A139D06489...	DocuSigned by: Jesse Cooper FACBB5730C1E467...
By: _____	By: _____
Jeremy Schwartz	Jesse Cooper
Title: Chief Procurement Officer	Title: National Fleet Manager
Date: 7/2/2024 | 2:37 PM CDT	Date: 7/2/2024 | 2:04 PM CDT

RFP 032824 - Class 4-8 Chassis and Cabs with Related Equipment, Accessories, and Services

Vendor Details

Company Name:	72 HOUR LLC
Does your company conduct business under any other name? If yes, please state:	National Auto Fleet Group
Address:	490 Auto Center Drive Watsonville, CA 95076
Contact:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Phone:	951-440-0585
Fax:	831-840-8497
HST#:	263297677

Submission Details

Created On:	Thursday February 08, 2024 14:26:39
Submitted On:	Wednesday March 27, 2024 18:09:27
Submitted By:	Jesse Cooper
Email:	Jcooper@nationalautofleetgroup.com
Transaction #:	de37f6a4-b806-40a7-b5b6-766f219b36f2
Submitter's IP Address:	104.35.160.44

Specifications

Table 1: Proposer Identity & Authorized Representatives

General Instructions (applies to all Tables) Sourcewell prefers a brief but thorough response to each question. Do not merely attach additional documents to your response without also providing a substantive response. Do not leave answers blank; respond "N/A" if the question does not apply to you (preferably with an explanation).

Line Item	Question	Response *	
1	Proposer Legal Name (one legal entity only): (In the event of award, will execute the resulting contract as "Supplier")	72 HOUR, LLC	*
2	Identify all subsidiary entities of the Proposer whose equipment, products, or services are included in the Proposal.	72 Hour, LLC	*
3	Identify all applicable assumed names or DBA names of the Proposer or Proposer's subsidiaries in Line 1 or Line 2 above.	National Auto Fleet Group	*
4	Provide your CAGE code or Unique Entity Identifier (SAM):	Y1FHD2Z1ZDY5	*
5	Proposer Physical Address:	490 Auto Center Drive Watsonville, CA 95076	*
6	Proposer website address (or addresses):	www.Nationalautofleetgroup.com	*
7	Proposer's Authorized Representative (name, title, address, email address & phone) (The representative must have authority to sign the "Proposer's Assurance of Compliance" on behalf of the Proposer and, in the event of award, will be expected to execute the resulting contract):	Jesse Cooper National Fleet Manager 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com 855-289-6572	*
8	Proposer's primary contact for this proposal (name, title, address, email address & phone):	Jesse Cooper National Fleet Manager 490 Auto Center Drive Watsonville, CA 95076 Jcooper@nationalautofleetgroup.com 855-289-6572	*
9	Proposer's other contacts for this proposal, if any (name, title, address, email address & phone):	Clarke Cooper National Fleet Manager 490 Auto Center Drive Watsonville, CA 95076 Clarkecooper@watsonvillefleetgroup.com 818-618-6136	

Table 2: Company Information and Financial Strength

Line Item	Question	Response *	
10	Provide a brief history of your company, including your company's core values, business philosophy, and industry longevity related to the requested equipment, products or services.	National Auto Fleet Group was established in 1987 in Southern California, and boasts a rich history of family-driven success. From humble beginnings with a single dealership, we've grown into a nationwide network of over 15 dealerships, thanks to the dedication and vision of our father. One of our core values has always been fostering a strong company culture, and we achieve this by prioritizing internal growth. We proudly promote from within, leveraging the talent and experience of our dedicated team members. This approach not only ensures continuity and a deep understanding of our values, but also fosters a sense of loyalty and belonging among our employees. This commitment to internal development has been instrumental in our expansion, allowing us to cultivate a leadership team that embodies our core values and drives our continued success. We are proud of the journey we've taken and excited for the future, as we continue to empower our team and provide exceptional service to our customers. For over 35 years, National Auto Fleet Group has remained a family-owned and operated company. The Cooper family has deep roots in the automobile industry, with a passion for exceeding expectations passed down through generations. Today, even our future generations are learning the ropes, ensuring decades more of industry leadership. We aren't just selling vehicles; we're building relationships that last. Our family values of integrity, dedication, and customer service permeate everything we do. This commitment has earned us numerous industry awards and the trust of countless clients. But this is just the beginning. With fresh perspectives from future generations joining the team, we're excited to lead the industry for decades to come. National Auto Fleet Group isn't just about delivering vehicles; it's about delivering peace of mind. Our unwavering commitment to the 4 RIGHTs: delivering the RIGHT vehicle, at the RIGHT time, to the RIGHT place, and at the RIGHT price, ensures our clients experience unmatched satisfaction and success. Since 1987, we've witnessed the auto industry shift gears, evolving from gas-powered machines to the cutting edge of all-electric and fuel cell technology. Through it all, one thing has remained constant: our core values. Even in today's rapidly changing landscape, we hold steadfast to the principles that have guided us for decades. These values – internal growth, customer focus, efficiency, teamwork, accountability and integrity are the engine that powers our growth and fuels our commitment to exceeding expectations. While the vehicles we offer may have changed, our dedication to providing superior customer service remains as strong as ever. We embrace the future with the same passion and determination that fueled our success in the past, ensuring that our customers continue to receive the exceptional service they deserve.	*
11	What are your company's expectations in the event of an award?	Securing another Sourcewell contract would mark our sixth, propelling us to even greater heights by leveraging our proven track record of serving customers nationwide. This expansion fuels our commitment to invest in our divisions, particularly our Partner Program (details in uploaded Zip file). This innovative program empowers members to recommend local upfitters, fostering win-win partnerships and delivering	*
12	Demonstrate your financial strength and stability with meaningful data. This could include such items as financial statements, SEC filings, credit and bond ratings, letters of credit, and detailed reference letters. Upload supporting documents (as applicable) in the document upload section of your response.	We have demonstrated throughout the past 12 years to our financial institutions that we stability in the market place and with this meaning data our bank has provided us with a $ 72,000,000 floor plan limit to help in our growing operations which include Sourcewell Members.	*
13	What is your US market share for the solutions that you are proposing?	Our US market share for the products and models we are offering is roughly 70-80% as represented by the 15 manufacturers.	*
14	What is your Canadian market share for the solutions that you are proposing?	While we haven't yet entered the Canadian market, National Auto Fleet Group's proven track record of success fuels our aggressive expansion plans, with a strong focus on international markets like Canada. We are confident that our expertise and commitment to innovation will allow us to make a significant impact in the near future, expanding our reach and serving customers across new borders.	*
15	Has your business ever petitioned for bankruptcy protection? If so, explain in detail.	No	*
16	How is your organization best described: is it a manufacturer, a distributor/dealer/reseller, or a service provider? Answer whichever question (either a) or b) just below) best applies to your organization. a) If your company is best described as a distributor/dealer/reseller (or similar entity), provide your written authorization to act as a distributor/dealer/reseller for the manufacturer of the products proposed in this RFP. If applicable, is your dealer network independent or company owned? b) If your company is best described as a manufacturer or service provider, describe your relationship with your sales and service force and with your dealer network in delivering the products and services proposed in this RFP. Are these individuals your employees, or the employees of a third party?	A) we are best described as a distributor/dealer/reseller and all our written authorization documents are attached in the Related Certificates section.	*
17	If applicable, provide a detailed explanation outlining the licenses and certifications that are both required to be held, and actually held, by your organization (including third parties and subcontractors that you use) in pursuit of the business contemplated by this RFP.	What is required does vary from state to state however we 72 Hour LLC, do hold all applicable licenses and certifications required by the State of California to sell, service and delivery New/Unused Vehicles we are franchised for and sell, service and delivery any vehicle we are not franchised for through our resellers permit. All our dealer partners across the county have provide us with there dealer certificates and department of motor vehicles certificates to allow NAFG to partner and sell there products. All documents are attached in the Certificates section.	*
18	Provide all "Suspension or Debarment" information that has applied to your organization during the past ten years.	None exist	*

Table 3: Industry Recognition & Marketplace Success

Line Item	Question	Response *
19	Describe any relevant industry awards or recognition that your company has received in the past five years	NAFG has a strong track record of success, consistently ranking among the top dealerships in Government Sales for Ford Motor Company and receiving high recognition from General Motors for its Chevrolet brand. The most prodigious award NAFG has received in the past 5 years would be: Top Placement in Ford Motor Company as a leading dealership in Government Sales followed by our high ranking recognition from General Motors for our Chevrolet brand. Both NAFG has received 4 of the past 5 years
20	What percentage of your sales are to the governmental sector in the past three years	In our division in Fleet, we have sold about 95% to Government accounts
21	What percentage of your sales are to the education sector in the past three years	As a percentage of our sales in the Government, about 20% would be considered to Universities and Unified School Districts.
22	List any state, provincial, or cooperative purchasing contracts that you hold. What is the annual sales volume for each of these contracts over the past three years?	We hold the State of California contract with volumes from 200 to 500 units a year during the past three years. Second, our Sourcewell Contract's 091521 and 060920 which over the past three years LADWP Contracts valued over $ 220,000,000 City of San Diego Contracts valued over $ 120,000,000
23	List any GSA contracts or Standing Offers and Supply Arrangements (SOSA) that you hold. What is the annual sales volume for each of these contracts over the past three years?	NAFG focus is on our Sourcewell Contracts we do not hold any other besides the State of California.

Table 4: References/Testimonials

Line Item 24. Supply reference information from three customers who are eligible to be Sourcewell participating entities.

Entity Name *	Contact Name *	Phone Number *
Port of Los Angeles (CA)	David Comer	310-732-3794
Los Angeles Department of Water & Power (CA)	Philip Ly	818-771-3607
City of Jersey City (NJ)	James Lovero	201-547-4423
Washington Suburban Sanitary Commission (Maryland)	Jarrett Baumgartner	301-206-4226
Town of Hempstead (NY)	Christopher Carter	516-812-3555

Table 5: Top Five Government or Education Customers

Line Item 25. Provide a list of your top five government, education, or non-profit customers (entity name is optional), including entity type, the state or province the entity is located in, scope of the project(s), size of transaction(s), and dollar volumes from the past three years.

Entity Name	Entity Type *	State / Province *	Scope of Work *	Size of Transactions *	Dollar Volume Past Three Years *
Port of Los Angeles Mr. David Comer 310-732-3794	Government	California - CA	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000
Los Angeles Department of Water & Power Mr. Philip Ly 818-771-3607	Government	California - CA	Provided New Vehicles with Upfits	Over $ 20,000,000	Over $ 80,000,000
City of Jersey City Mr. James Lovero 201-547-4423	Government	New Jersey - NJ	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000
Washington Suburban Sanitary Commission Mr. Jarrett Baumgartner 301-206-4226	Government	Maryland - MD	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000
El Paso Water Mr. Ivan Ibarra 915-594-5712	Government	Texas - TX	Provided New Vehicles with Upfits	Over $1,000,000	Over $ 3,000,000

Table 6: Ability to Sell and Deliver Service

Describe your company's capability to meet the needs of Sourcewell participating entities across the US and Canada, as applicable.

Your response should address in detail at least the following areas: locations of your network of sales and service providers, the number of workers (full-time equivalents) involved in each sector, whether these workers are your direct employees (or employees of a third party), and any overlap between the sales and service functions.

Line Item	Question	Response *	
26	Sales force.	National Auto Fleet Group boasts a robust sales force exceeding 100 dedicated personnel. This includes both direct employees and a network of partner dealers, ensuring comprehensive support for dealerships and our dedicated fleet division. Our indirect sales force seamlessly complements our direct team, effectively serving existing member needs. As our member base expands, we're committed to scaling our team accordingly to maintain exceptional service levels.	*
27	Dealer network or other distribution methods.	NAFG leverages an unparalleled franchise network encompassing 15 leading manufacturers. These industry giants, like (Ford Motor Company, General Motors, CDJR, etc..), boast a nationwide presence, ensuring our members receive seamless service and warranty repairs for their vehicles. Historically, auto manufacturers have faced challenges in distributing automobiles and cab chassis. However, the United States boasts the world's most efficient automotive supply chain network, and as franchised dealers of these renowned brands, NAFG capitalizes on this advantage to efficiently ship and supply vehicles to our members nationwide.	*
28	Service force.	Our extensive network of service locations, spanning thousands of facilities across our 15 manufacturers, ensures convenient access for our members. This comprehensive coverage allows them to easily find service stations or warranty repair facilities nearby, minimizing downtime and maximizing convenience. While Alaska and Hawaii may have slightly larger distances between dealerships, our members can still rely on our network for support, potentially with extended lead times.	*
29	Describe the ordering process. If orders will be handled by distributors, dealers or others, explain the respective roles of the Proposer and others.	Members can place orders with NAFG for all products we are offering, we will either place the order with the OEM as we are franchised for or we will provide the order to our partner dealer who was part of the quote generation from the start with the member so we can allow there relationship to maintain while serving the member. NAFG maintains the role of administering and facilitating the transaction between the member and the OEM dealer.	*
30	Describe in detail the process and procedure of your customer service program, if applicable. Include your response-time capabilities and commitments, as well as any incentives that help your providers meet your stated service goals or promises.	I understand that you want me to use the information in your ZIP file, specifically the "Member Walk Through" document, as a reference to explain your Customer Service programs. Here's a breakdown based on the information you provided: Obtaining Quotes Online: ● Members can register on our website (https://www.nationalautofleetgroup.com/) for free. This protects member pricing. ● After registration, they'll receive a welcome email with a demo video explaining the website. ● A secure dashboard keeps all quotes organized. ● Members choose their desired brand, model year, and category (cars, vans, etc.). ● Filters help narrow down options (cab style, drivetrain, bed length). ● All available factory options are displayed for easy selection. ● Sourcewell Price reports show MSRP, member price, and savings (percentage and dollar amount). ● Optional extras include additional keys, manuals, sales tax, and upfits. ● A final, printable quote package includes a unique Sourcewell Quote ID number, description, and specifications. Partnering with Upfitters: ● A dedicated website (https://www.nationalautofleetgroup.com/) connects members with upfitters. ● Upfitters can learn about partnering with NAFG to serve local members. ● This simplifies the process of getting a vehicle upfitted. Tracking Orders: ● Members can track orders directly on the main website using the "Track your order" feature. ● Orders can be tracked by entering the purchase order number, quote ID, upfit quote ID, or VIN. Order Confirmation: ● NAFG sends a courtesy confirmation email to double-check order details (color, quantity, upfit, specifications). ● Title information is requested to expedite paperwork at delivery. Factory Order Cut-Off Notices: ● The website highlights upcoming factory order cut-off dates. ● This information is also printed on the quote cover page (when available). Price Validation Example: ● A sample build process showcases member pricing benefits. ● The example shows the difference between MSRP, member price, and total savings (percentage and dollar amount). (Provide an example with savings %) ● This emphasizes the additional discount offered by NAFG.	*
31	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in the United States.	We have provided a list of our top 1,000 member/clients demonstrating our ability to service all members nationwide. Located in the Marketing Place ZIP file as "NAFG Top 1,000 Member Clients" PDF	*
32	Describe your ability and willingness to provide your products and services to Sourcewell participating entities in Canada.	National Auto Fleet Group is poised to expand into Canada, leveraging our proven business model and expertise. We believe the favorable exchange rate and our competitive pricing structure create an ideal opportunity to partner with Canadian dealer groups, ultimately serving members across North America.	*
33	Identify any geographic areas of the United States or Canada that you will NOT be fully serving through the proposed contract.	We are not serving Canada at this moment.	*
34	Identify any Sourcewell participating entity sectors (i.e., government, education, not-for-profit) that you will NOT be fully serving through the proposed contract. Explain in detail. For example, does your company have only a regional presence, or do other cooperative purchasing contracts limit your ability to promote another contract?	We're happy to service all Sourcewell members through our 24/7 website. We offer government members a specific discount program in recognition of their use of taxpayer funds. For non-profit organizations, we've designed a tailored pricing program to meet their unique needs and budgets. We'll work with each non-profit on a case-by-case basis to ensure they receive the most value from our services.	*
35	Define any specific contract requirements or restrictions that would apply to our participating entities in Hawaii and Alaska and in US Territories.	For members in Alaska, Hawaii, and US Territories, the only membership requirement is the same as for all other members. However, due to logistical shipping constraints in these regions, additional costs may apply. We currently provide members in Alaska with chassis cabs with upfits. In these cases, the member agrees to cover the extra shipping cost, port cost, and driver cost associated with loading and unloading their vehicles from port to port. This additional cost would be clearly outlined in any quote provided to members in these regions.	*

Table 7: Marketing Plan

Line Item	Question	Response *	

36	Describe your marketing strategy for promoting this contract opportunity. Upload representative samples of your marketing materials (if applicable) in the document upload section of your response.	National Auto Fleet Group utilizes a number of outbound strategies to promote the Sourcewell Vehicle contract. National Auto Fleet Group isn't waiting for government agencies to come knocking about the Sourcewell Vehicle contract. Instead, we're proactively hitting the gas pedal with outbound marketing strategies. With outbound marketing, NAFG initiates by pushing the message out to our government agencies. Examples include: . ● Cold Email Campaigns: Tailored messages reaching relevant government agencies directly. Examples include new vehicle pricing availability, in stock units, new website features, holiday themed flyers and vehicle cutoff dates. ● Trade Show Presence: Engaging exhibits and knowledgeable representatives making connections at key events. ● Targeted Content: Creating diverse campaign materials that resonate with different government segments. For example, police vehicle availability flyers for police agencies. ● Data-Driven Decisions: Tracking results and optimizing campaigns for maximum impact such as open rates, click-through rates to gauge the effectiveness of our email campaigns Our use of Campaigner Email Marketing platform service is a CRM database used to monitor, send and track effectiveness of emails and more. This service has assisted in streamlining email flyer messages to many of our government agencies across the United States. Campaigner has been an essential tool in not only creating new campaigns but recurring campaigns to ensure our message is sent to new potential clients. This type of outbound marketing fosters proactive engagement with potential customers, sparking their interest in our products. We invite them to explore the diverse product range showcased on our NAFG website, conveniently accessible through both phone calls and website visits. To further empower their buying journey, we encourage registration. It not only unlocks real-time product availability, but also grants access to our innovative self-quoting system. This intuitive tool empowers customers with the autonomy to create unlimited personalized quotes, tailoring them to their specific needs and budget. By eliminating the wait for traditional quotes, this self-service option streamlines the process, fostering a sense of control and ownership for the customer. Ultimately, this outbound marketing approach, coupled with our user-friendly self-quoting system, empowers potential customers to confidently explore and confidently make informed decisions. Business to Business Marketing: National Auto Fleet Group National Auto Fleet Group (NAFG) acknowledges the importance of building strong relationships with local upfitting body companies. That's why we employ strategic business-to-business (B2B) marketing strategies to attract potential partners and create a mutually beneficial ecosystem. Introducing Our Partner Website: We encourage any body upfitting company to visit our dedicated partner website: www.nafgpartner.com. This platform makes it easy for local upfitting companies to explore the benefits of collaborating with NAFG. Key Perks for Upfitting Body Companies: ● Enhanced Visibility: Get the body company's company profile listed on our website, making them searchable by NAFG's extensive network of government clients. ● Targeted referrals: We actively connect upfitting companies with qualified government clients seeking their specific expertise. ● Profile Customization: Partners are encouraged to create a unique profile showcasing the body company's strengths, experience, and service offerings. ● Geographic Reach: Expand the network by having our partners' contact information and location displayed on our interactive map. By partnering with NAFG, body companies gain access to a vast pool of potential government clients seeking vehicle upfitting services. In turn, the body company helps us fulfill client needs and deliver comprehensive vehicle solutions. National Auto Fleet Group also exercises the use of inbound marketing strategies to promote our Sourcewell Vehicle contract. Our marketing department cultivates a targeted audience by maintaining a database of registered government agencies on our website and nurturing past customers who have experienced the benefits of our offerings. This allows us to deliver relevant content and resources directly to those already interested in our solutions, fostering trust and brand loyalty. Relationship building is another technique used to foster positive relations with clients to become long-term customers. NAFG team provides excellent customer service and support to encourage word of mouth referral. The positive quality of service experienced by customers has led to an increased number of sales through referrals. Our goal is to provide exemplary customer service throughout the entire purchasing process to encourage repeat business and referrals.

37	Describe your use of technology and digital data (e.g., social media, metadata usage) to enhance marketing effectiveness.	The creation of the National Auto Fleet Group app is one way to build a stronger relationship with interested buyers and empower them with the information they need. By downloading our NAFG app, clients are able to: ● Receive instant push notifications on their phones regarding new vehicle availability: Be the first to know when new vehicles arrive on the lot that match your specific needs and preferences. ● Stay informed about crucial cutoff dates: Ensure clients don't miss out on deadlines by having them conveniently delivered straight to your phone. ● View Available In-Stock Units: Scroll through a list of in stock vehicles available on our website. A specific inbound marketing tactic that can significantly boost our online presence is the development of search engine optimization (SEO). By optimizing our website for relevant keywords and user experience, we can attract more qualified visitors organically and establish NAFG as a leading name in its field. Here's how we're actively implementing SEO on the NAFG website: Rewriting the NAFG Story: ● By crafting a compelling and informative webpage that clearly defines who we are, what we do, and how we benefit our audience. ● Included relevant keywords naturally throughout the content, including product names, mission statement, and contract numbers. ● Ensured the page is concise and scannable, breaking up text with headings and bullet points. 2. On-Page Optimization Techniques: ● Title tags: Each page includes a unique and descriptive title tag, under 65 characters, that accurately reflects the content and includes relevant keywords. ● Meta descriptions: Crafting captivating meta descriptions (under 155 characters) that entice users to click and summarize the page's value proposition. ● Header tags: Structured the content with clear headings and subheadings (H1, H2, etc.) to improve readability and search engine crawlability. ● Images: Optimize image file names and alt text with relevant keywords to increase accessibility and image search ranking. ● Internal linking: Connecting related pages within the website using descriptive anchor text ● Social media: Ensure social media profiles and share buttons are linked to our pages. By implementing these actionable SEO strategies, we can significantly improve NAFG's online presence, attract more qualified leads, and establish ourselves as a thought leader in the industry. When the terms “government fleet vehicle purchasing”, “purchasing vehicles for the government”, “government vehicle purchasing”, “how do I purchase vehicles for the government”, “purchasing government fleet”, “government vehicle procurement”, “procuring vehicles for the government”,are entered in the google search button, NAFG is on the top five search results. Social media is a critical part in the way people communicate and connect with each other. Linkedin offers a variety of ways to expand our network by finding and connecting with relevant professionals in the industry. Platforms like LinkedIn offer invaluable tools for professional networking, allowing individuals to expand their network by finding and connecting with relevant professionals and industry leaders. A prime example is National Auto Fleet Group, which effectively utilizes LinkedIn to reach out to current and potential members through personalized messages, fostering stronger relationships and community engagement. Beyond professional connections, social media serves as a powerful bridge between individuals and their governing bodies. By following government pages on Instagram and Twitter, government municipalities can gain valuable insights into pressing issues and important announcements
38	In your view, what is Sourcewell’s role in promoting contracts arising out of this RFP? How will you integrate a Sourcewell-awarded contract into your sales process?	Sourcewell is a trusted brand that government entities can rely on to provide a wide variety of products and services. They aim to simplify the procurement process of government entities. The Sourcewell brand integrates a thorough documentation review of all vendors prior to awarding their cooperative contract to ensure products and services are from reputable vendors. The brand provides a sense of showing legitimacy and verification of our company name and members understand that products and services provided are from reputable vendors. Clients recognize the Sourcewell brand and their vendors as a trusted source that will meet their needs. The main selling point of the brand is the elimination of the need to go out to bid. Sourcewell has done the bidding for the government entities which simplifies the purchasing process. This process not only saves money but valuable time as well. Sourcewell has provided NAFG overwhelming opportunities to work with government agencies across the United States. The Sourcewell name represents a high standard of integrity and ethics and we are proud to be part of this dynamic. Sourcewell members have access to a contract that is more flexible than the standard bidding process. Sourcewell is an organization that aids government entities to stay competitive without the frustrations and issues involved with the traditional bidding process. The Sourcewell contract can be also customized to meet the needs of the client. The sales team has incorporated not only this standard of integrity in their sales practice by ensuring clients we will always assist them with their vehicle purchasing needs. The cost savings and stress free nature of the cooperative contracts favors that of the traditional bidding process. It enables vendors to work with qualifying government entities in a more efficient manner. We vow to maintain these levels of standards across the board throughout all departments within National Auto Fleet Group Sourcewell isn't just a trusted brand; it's a comprehensive solution for government procurement. From vehicles and food to technology and administrative services, they offer a diverse range of high-quality products and services. Partnering with pre-vetted vendors ensures reliability and peace of mind. The flexibility of Sourcewell contracts allows us to tailor our services to a specific need, unlike the one-size-fits-all approach of typical bidding. Government agencies across the United States, like NAFG, have utilized Sourcewell to procure their needs efficiently.

39	Are your products or services available through an e-procurement ordering process? If so, describe your e-procurement system and how governmental and educational customers have used it.	Our website provides a hands-on empowering approach to ordering vehicles online. Clients can search through many vehicle makes and models with the ability to customize a vehicle tailored to the specific needs of their agency. A personalized quote with pricing can be available in as little as 5 minus depending on the complexity of the vehicle. If upfitting is needed, a sales representative can be reached through phone, email, live chat or noted on the self-quoting online system. Once a customized quote is built, clients have the option to finalize the sales transaction by submitting a purchase order to our sales team via email. This gives complete autonomy to the client to purchase vehicles without the need to speak to a sales rep. If assistance is needed, they can contact sales through email, live chat or phone. If support is required to build a quote, our sales reps are available to assist the client step by step. Once the vehicle is built to the client's needs, government agencies are also able to upload a purchase order from their account to purchase a vehicle. NAFG will then process the purchase order and place the vehicle on order with the manufacturer. Government agencies are also able to track the status of their order using the ETA tracking available on the NAFG website. Our website puts the power to order vehicles directly in your hands, with a user-friendly approach that empowers government agencies to choose the perfect solution for their needs. Browse through a comprehensive selection of vehicle makes and models, or customize your ideal vehicle with features tailored to your specific requirements. Get a personalized quote with upfront pricing in as little as 5 minutes, depending on the complexity of your chosen vehicle. Upfitting needed? No problem! Reach out to our dedicated sales team via phone, email, live chat, or simply mention your requirements directly in the self-quoting system. Once a government municipality is ready to purchase, they can simply submit a purchase order through their online account. We offer complete autonomy, allowing buyers to acquire vehicles without needing to speak directly to a sales representative. However, our expert team is always available to assist if they need a helping hand. Our assistance is available via email, live chat, or phone – For government agencies, the process is streamlined even further. They are able to stay informed throughout the entire journey with our convenient ETA tracking system, accessible right on the NAFG website. Experience the convenience and control of online vehicle ordering for government agencies with NAFG. Visit our website today and empower your agency to acquire the perfect vehicle solution. As of today, National Auto Fleet Group has over 8000 members registered on our website and 2400 customers buying from us.	*

Table 8: Value-Added Attributes

Line Item	Question	Response *	
40	Describe any product, equipment, maintenance, or operator training programs that you offer to Sourcewell participating entities. Include details, such as whether training is standard or optional, who provides training, and any costs that apply.	NAFG extends any and all Service Training Programs provided by the Manufacturer. Many of the programs offered are quoted individually by the manufacture based on class size and region of the country. NAFG will pass these quotes onto the member at NAFG cost.	*
41	Describe any technological advances that your proposed products or services offer.	With world leaders in chassis technology like Ford Motor Company, General Motor's and MACK Truck which the member automatically gets the benefit of the latest up to date technology NAFG offers our dealer body to the members for the most leading up to date information.	*
42	Describe any "green" initiatives that relate to your company or to your products or services, and include a list of the certifying agency for each.	NAFG has Partnered to create a 400 US Mayor Drive Climate Mayor Purchasing Collaborative www.Driveevfleet.org to help spread the benefit of members going 100% green. We have 100% Pure Electric vehicles to offer such as the Chevrolet Bolt and Ford Fusion, which are all predecessors to the All New Ford Electric F-150. We are certain over the next few years, Ford and many other manufacturers will be making available 100% pure electric cab chassis for members to select from.	*
43	Identify any third-party issued eco-labels, ratings or certifications that your company has received for the equipment or products included in your Proposal related to energy efficiency or conservation, life-cycle design (cradle-to-cradle), or other green/sustainability factors.	Ford Motor Company and General Motors just to name 2 of the 15 OEM's we are representing have leading edge certifications and rating which provide them the ability to offer there products nationwide.	*
44	Describe any Women or Minority Business Entity (WMBE), Small Business Entity (SBE), or veteran owned business certifications that your company or HUB partners have obtained. Upload documentation of certification (as applicable) in the document upload section of your response.	We hold a Minority Certification through the California Clearing House Authorization	*
45	What unique attributes does your company, your products, or your services offer to Sourcewell participating entities? What makes your proposed solutions unique in your industry as it applies to Sourcewell participating entities?	NAFG's dedication to the member. NAFG has built its division solely for the purpose of serving the members experience from our 24-hour member website or website improvements and capabilities to thinking outside the box to help a member find a solution.	*

Table 9A: Warranty

Describe in detail your manufacturer warranty program, including conditions and requirements to qualify, claims procedure, and overall structure.

You may upload representative samples of your warranty materials (if applicable) in the document upload section of your response in addition to responding to the questions below.

Line Item	Question	Response *	
46	Do your warranties cover all products, parts, and labor?	We have attached all Warranty information provided by all 15 manufacturers offered in our proposal as an added attachment.	*
47	Do your warranties impose usage restrictions or other limitations that adversely affect coverage?	Each manufacturer have there own usage restrictions that a member should be aware of. Such an improper use of a chassis may not allow it to be covered under warranty. For example, a F-250 being used for a police rated pursuit vehicle would void certain warranties. We encourage for each member to contact us for there particular warranty coverage.	*
48	Do your warranties cover the expense of technicians' travel time and mileage to perform warranty repairs?	Yes, in some cases of a breakdown event, manufacturers would tow your vehicle to there nearest warranty repair facility.	*
49	Are there any geographic regions of the United States or Canada (as applicable) for which you cannot provide a certified technician to perform warranty repairs? How will Sourcewell participating entities in these regions be provided service for warranty repair?	Each manufacture is different, and we encourage prior to purchasing a product to call in and ask about your specific region and how it's covered.	*
50	Will you cover warranty service for items made by other manufacturers that are part of your proposal, or are these warranties issues typically passed on to the original equipment manufacturer?	All warranties are passed on to the original equipment manufacturer.	*
51	What are your proposed exchange and return programs and policies?	We offer no exchange, return programs or policies. Once an order is in production with the factory and NAFG can not cancel the order after trying to cancel with the manufacturer, then the order is non-cancellable.	*
52	Describe any service contract options for the items included in your proposal.	We offer any and all manufacturer service contracts to all members. There are several parameters which a customized service contract can be created. NAFG will treat each of these as an added factory option and follow the same discount schedule in the price file.	*

Table 10: Payment Terms and Financing Options

Line Item	Question	Response *	
53	Describe your payment terms and accepted payment methods.	Payment terms are Net 20, with a 10-day grace period.	*
54	Describe any leasing or financing options available for use by educational or governmental entities.	NAFG has partnered with National Cooperative Leasing to offer Sourcewell Contract Lease Terms to all NAFG Quotes for all Sourcewell Members. We have attached a PDF called "NCL Sample Lease" in the Zip File Called "Member Walk Through"	*
55	Describe any standard transaction documents that you propose to use in connection with an awarded contract (order forms, terms and conditions, service level agreements, etc.). Upload a sample of each (as applicable) in the document upload section of your response.	We attached our Standard Documents that all member would see in a typical transaction. Starting with all quotes which contain there unique Quote ID on the top of each quote. A member can then call and help us identify which quote they are inquiring within so we can help hem quicker. Each quote has its list of standard equipment and selected equipment the member has chosen for themselves. Followed by the contract discount on each cover page so the member can easily see there Sourcewell saving. A sample transaction has been attached.	*
56	Do you accept the P-card procurement and payment process? If so, is there any additional cost to Sourcewell participating entities for using this process?	Yes, up to $ 2,500 per vehicle, any amount higher than $ 2,500 would carry a P-card/ Credit Card transaction fee which will be passed onto the member.	*

Table 11: Pricing and Delivery

Provide detailed pricing information in the questions that follow below. Keep in mind that reasonable price and product adjustments can be made during the term of an awarded Contract as described in the RFP, the template Contract, and the Sourcewell Price and Product Change Request Form.

Line Item	Question	Response *	
57	Describe your pricing model (e.g., line-item discounts or product-category discounts). Provide detailed pricing data (including standard or list pricing and the Sourcewell discounted price) on all of the items that you want Sourcewell to consider as part of your RFP response. If applicable, provide a SKU for each item in your proposal. Upload your pricing materials (if applicable) in the document upload section of your response.	NAFG is offering Line Item Discounts Off MSRP for 15 manufacturers detailed in the Price File, NAFG is offering all Upfits to be added to any and all chassis cabs and trucks, details are on the Summary Page in the price file.	*
58	Quantify the pricing discount represented by the pricing proposal in this response. For example, if the pricing in your response represents a percentage discount from MSRP or list, state the percentage or percentage range.	Each Manufacture Product Range is detailed in the tabs below, here is an overview Ford Motor Company from 1.16% to 6.00% RAM Stallantis Company from 4.13% to 4.14% Chevrolet from 6.83% to 6.92% Autocar at 9.00% ISUZU at 5.00% Volvo at 12.00% Freightliner from 4.76% to 15.15% Western Star from 15.00% to 20.00% MACK from 3.00% to 26.36% Kenworth from 13.83% to 32.80% Peterbilt from 10.27% to 31.56% Battle Motors at 25.00% RIZO from 38.25% to 38.46% REE at 7.00% Bollinger Motors at 5.50% Upfits can be added at dealer invoice up to 20%, detailed in the price file.	*
59	Describe any quantity or volume discounts or rebate programs that you offer.	We encourage any and all members to contact us if considering ordering 100 at time of order or more units for an additional discount quote.	*
60	Propose a method of facilitating “sourced” products or related services, which may be referred to as “open market” items or “nonstandard options”. For example, you may supply such items “at cost” or “at cost plus a percentage,” or you may supply a quote for each such request.	Open Market products or Sourced Goods will be treated as any upfit and may be quoted up to a 20% mark-up if applicable.	*
61	Identify any element of the total cost of acquisition that is NOT included in the pricing submitted with your response. This includes all additional charges associated with a purchase that are not directly identified as freight or shipping charges. For example, list costs for items like pre-delivery inspection, installation, set up, mandatory training, or initial inspection. Identify any parties that impose such costs and their relationship to the Proposer.	All considerations have been taken into account in the price file in its entirety. Price Summary Page and Price Tabs contain all costs associated with all quotes. If a member would like a quote for a particular situation and the item needed special training or installation, these charges would be added as part of the upfit and included in the members quote.	*
62	If freight, delivery, or shipping is an additional cost to the Sourcewell participating entity, describe in detail the complete freight, shipping, and delivery program.	All manufacturers charge a standardized “Factory Destination Charge” which is displayed on all window stickers and on all trucks on a dealer’s lot. This is not the needed destination charge that maybe charged to then ship a chassis to and from an installer, these subsequent movements are all added freight charges and will displayed on the members quote.	*
63	Specifically describe freight, shipping, and delivery terms or programs available for Alaska, Hawaii, Canada, or any offshore delivery.	Freight to these regions carry a specific logistical barrier which carry added cost such as ferry, port and driver cost both to and from the mainland. These added costs will be disclosed and added to any quote for the member to review.	*
64	Describe any unique distribution and/or delivery methods or options offered in your proposal.	NAFG will utilize the power and expertise of the already established Automobile Franchise Distribution Network to have members vehicles delivered promptly there destination.	*

Table 12: Pricing Offered

Line Item	The Pricing Offered in this Proposal is: *	Comments
65	c. better than the Proposer typically offers to GPOs, cooperative procurement organizations, or state purchasing departments.	NAFG Offers Members of Sourcewell the very best selection and service for the overall best value we can offer.

Table 13: Audit and Administrative Fee

Line Item	Question	Response *	
66	Specifically describe any self-audit process or program that you plan to employ to verify compliance with your proposed Contract with Sourcewell. This process includes ensuring that Sourcewell participating entities obtain the proper pricing, that the Vendor reports all sales under the Contract each quarter, and that the Vendor remits the proper administrative fee to Sourcewell. Provide sufficient detail to support your ability to report quarterly sales to Sourcewell as described in the Contract template.	We have created a member friendly to build and price there chassis cabs on, the pricing is built directly into the website and is loaded daily by the manufacture MSRP information. Our system will provide an accurate quote 99.99% of the time. We have stream lined how our admin fee is processed to allow a quick 15-30 day turn around on quarterly reports.	*
67	If you are awarded a contract, provide a few examples of internal metrics that will be tracked to measure whether you are having success with the contract.	We have internal charts that track how many members we are serving per month and what regions we need to market into to raise awareness of Sourcewell and our contract. We also track how many vehicles we deliver to members to see if our volume is picking up or where the current market is at as it does fluctuate.	*
68	Identify a proposed administrative fee that you will pay to Sourcewell for facilitating, managing, and promoting the Sourcewell Contract in the event that you are awarded a Contract. This fee is typically calculated as a percentage of Vendor’s sales under the Contract or as a per-unit fee; it is not a line-item addition to the Member’s cost of goods. (See the RFP and template Contract for additional details.)	Our Admin Fee has been streamlined to allow for growth to occur with maintaining a high level of accuracy and reporting. Our proposed admin fee would follow these guidelines: Flat $ 400 per unit for all units excluding Alan Jay Automotive Network in Florida Units sold through Alan Jay Automotive Network in Florida will have a$ 200 flat	*

Table 14A: Depth and Breadth of Offered Equipment Products and Services

Proposers submitting a proposal in Category 1 as defined herein will be submitting in the broad category that includes all types of engines, fuel, and propulsion systems. For example, if a Proposer offers chassis and cabs with Internal Combustion Engines (ICE) as well as chassis and cabs with electric propulsion systems the Proposer should designate it is seeking an award in Category 1 **only**. Proposers seeking an award in Category 2, as defined herein, must include at least one solution offered within the scope of Category 2 for electric propulsion systems **only**.

Line Item	Category Selection *	
69	Category 1: All engines, fuel, and propulsion type chassis and cabs	*

Table 14B: Depth and Breadth of Offered Equipment Products and Services

Line Item	Question	Response *	
70	Provide a detailed description of the equipment, products, and services that you are offering in your proposal.	15 Manufacturers totaling 200 makes and models ranging from Class 4 to Class 8 Cab an Chassis and trucks. With available Upfits to be added ranging from tool boxes to Line Mechanics Bodies. Any and all upfits can be added to our chassis cabs either by our upfit partner supplier or by a members upfit supplier working with NAFG to provide a Turn Key Quote.	*
71	Within this RFP category there may be subcategories of solutions. List subcategory titles that best describe your products and services.	NAFG Lists all makes and models in each ZIP file under ZIP File “All 15 Manufacturers” representing a combined hundred’s makes and model/engine combinations for members to choose from along with a subtitle “Upfits” detailed in the price file.	
72	Describe any manufacturing processes or materials utilized that contribute to chassis strength, cab strength, overall durability, driver safety.	Leading materials are used by the OEM's daily to safely supply all members with the best on the market place for each OEM.	
73	Describe any differentiating serviceability attributes (remote diagnostics, etc.) your proposal offers.	Each OEM has there own unique attribute that all cater and serve the members.	

Table 15: Category 1 - Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Proposers submitting a proposal in Category 1 will be submitting in the broad category that includes all types of engines, fuel, and propulsion systems. See RFP Section II. B. 1 for details.

☐ We will not be submitting for Table 15: Category 1 - Depth and Breadth of Offered Equipment Products and Services

Line Item	Category or Type	Offered *	Chassis Type (ICE and/or BEV)	Comments	
74	Class 4 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
75	Class 5 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
76	Class 6 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
77	Class 7 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
78	Class 8 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class.	*
79	Related equipment, accessories, parts, upfitting, services, used chassis and Class 3 chassis	◉ Yes ○ No	Both Chassis Types (ICE and BEV)	All 15 Manufactures are listed in the price file, along with each OEM's product offering for this class. All upfitting is available and outlined in the pricing summary.	

Table 16: Category 2 - Depth and Breadth of Offered Equipment Products and Services

Indicate below if the listed types or classes of equipment, products, and services are offered within your proposal. Provide additional comments in the text box provided, as necessary.

Proposers seeking an award in Category 2, as defined herein, must include at least one solution offered within the scope of Category 2 for electric propulsion systems **only**. See RFP Section II. B. 1 for details.

☑ We will not be submitting for Table 16: Category 2 - Depth and Breadth of Offered Equipment Products and Services

Line Item	Category or Type	Offered *	Comments	
80	Battery Electric Vehicle (BEV) Class 4 Chassis	○ Yes ○ No		*
81	Battery Electric Vehicle (BEV) Class 5 Chassis	○ Yes ○ No		*
82	Battery Electric Vehicle (BEV) Class 6 Chassis	○ Yes ○ No		*
83	Battery Electric Vehicle (BEV) Class 7 Chassis	○ Yes ○ No		*
84	Battery Electric Vehicle (BEV) Class 8 Chassis	○ Yes ○ No		*
85	Related equipment, accessories, parts, upfitting, services, used chassis and Class 3 chassis	○ Yes ○ No		

Table 17: Exceptions to Terms, Conditions, or Specifications Form

Line Item 86. NOTICE: To identify any exception, or to request any modification, to Sourcewell standard Contract terms, conditions, or specifications, a Proposer must submit the proposed exception(s) or requested modification(s) via redline in the Contract Template provided in the "Bid Documents" section. Proposer must upload the redline in the "Requested Exceptions" upload field. All exceptions and/or proposed modifications are subject to review and approval by Sourcewell and will not automatically be included in the Contract.

Do you have exceptions or modifications to propose?	Acknowledgement *
	○ Yes ◉ No

Documents

Ensure your submission document(s) conforms to the following:

1. Documents in PDF format are preferred. Documents in Word, Excel, or compatible formats may also be provided.

2. Documents should NOT have a security password, as Sourcewell may not be able to open the file. It is your sole responsibility to ensure that the uploaded document(s) are not either defective, corrupted or blank and that the documents can be opened and viewed by Sourcewell.

3. Sourcewell may reject any response where any document(s) cannot be opened and viewed by Sourcewell.

4. If you need to upload more than one (1) document for a single item, you should combine the documents into one zipped file. If the zipped file contains more than one (1) document, ensure each document is named, in relation to the submission format item responding to. For example, if responding to the Marketing Plan category save the document as "Marketing Plan."

- Pricing - NAFG Price File 032824.zip - Wednesday March 27, 2024 16:08:51
- Financial Strength and Stability - Financial Strength and Market Stability 032824.zip - Tuesday March 26, 2024 21:32:50
- Marketing Plan/Samples - 032824 NAFG Marketing Plan.zip - Tuesday March 26, 2024 21:30:53
- WMBE/MBE/SBE or Related Certificates - Insurance and Realted Certificated 032824.zip - Tuesday March 26, 2024 21:33:17
- Warranty Information - Warranty Information 032824.zip - Tuesday March 26, 2024 21:42:37
- Standard Transaction Document Samples - 032824 Standard Transaction Document.zip - Wednesday March 27, 2024 13:28:58
- Requested Exceptions (optional)
- Upload Additional Document - 032824 Uploaded ALL 15 MANUFACTURED MODEL's and ELECTIRC SPEC's.zip - Wednesday March 27, 2024 01:25:13

Addenda, Terms and Conditions

PROPOSER AFFIDAVIT AND ASSURANCE OF COMPLIANCE

I certify that I am the authorized representative of the Proposer submitting the foregoing Proposal with the legal authority to bind the Proposer to this Affidavit and Assurance of Compliance:

1. The Proposer is submitting this Proposal under its full and complete legal name, and the Proposer legally exists in good standing in the jurisdiction of its residence.
2. The Proposer warrants that the information provided in this Proposal is true, correct, and reliable for purposes of evaluation for contract award.
3. The Proposer, including any person assisting with the creation of this Proposal, has arrived at this Proposal independently and the Proposal has been created without colluding with any other person, company, or parties that have or will submit a proposal under this solicitation; and the Proposal has in all respects been created fairly without any fraud or dishonesty. The Proposer has not directly or indirectly entered into any agreement or arrangement with any person or business in an effort to influence any part of this solicitation or operations of a resulting contract; and the Proposer has not taken any action in restraint of free trade or competitiveness in connection with this solicitation. Additionally, if Proposer has worked with a consultant on the Proposal, the consultant (an individual or a company) has not assisted any other entity that has submitted or will submit a proposal for this solicitation.
4. To the best of its knowledge and belief, and except as otherwise disclosed in the Proposal, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest. An organizational conflict of interest exists when a vendor has an unfair competitive advantage or the vendor's objectivity in performing the contract is, or might be, impaired.
5. The contents of the Proposal have not been communicated by the Proposer or its employees or agents to any person not an employee or legally authorized agent of the Proposer and will not be communicated to any such persons prior to Due Date of this solicitation.
6. If awarded a contract, the Proposer will provide to Sourcewell Participating Entities the equipment, products, and services in accordance with the terms, conditions, and scope of a resulting contract.
7. The Proposer possesses, or will possess before delivering any equipment, products, or services, all applicable licenses or certifications necessary to deliver such equipment, products, or services under any resulting contract.
8. The Proposer agrees to deliver equipment, products, and services through valid contracts, purchase orders, or means that are acceptable to Sourcewell Members. Unless otherwise agreed to, the Proposer must provide only new and first-quality products and related services to Sourcewell Members under an awarded Contract.
9. The Proposer will comply with all applicable provisions of federal, state, and local laws, regulations, rules, and orders.
10. The Proposer understands that Sourcewell will reject RFP proposals that are marked "confidential" (or "nonpublic," etc.), either substantially or in their entirety. Under Minnesota Statutes Section 13.591, subdivision 4, all proposals are considered nonpublic data until the evaluation is complete and a Contract is awarded. At that point, proposals become public data. Minnesota Statutes Section 13.37 permits only certain narrowly defined data to be considered a "trade secret," and thus nonpublic data under Minnesota's Data Practices Act.
11. Proposer its employees, agents, and subcontractors are not:
    1. Included on the "Specially Designated Nationals and Blocked Persons" list maintained by the Office of Foreign Assets Control of the United States Department of the Treasury found at: https://www.treasury.gov/ofac/downloads/sdnlist.pdf;
    2. Included on the government-wide exclusions lists in the United States System for Award Management found at: https://sam.gov/SAM/; or
    3. Presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from programs operated by the State of Minnesota; the United States federal government or the Canadian government, as applicable; or any Participating Entity. Vendor certifies and warrants that neither it nor its principals have been convicted of a criminal offense related to the subject matter of this solicitation.

☑ By checking this box I acknowledge that I am bound by the terms of the Proposer's Affidavit, have the legal authority to submit this Proposal on behalf of the Proposer, and that this electronic acknowledgment has the same legal effect, validity, and enforceability as if I had hand signed the Proposal. This signature will not be denied such legal effect, validity, or enforceability solely because an electronic signature or electronic record was used in its formation. - Jesse Cooper, National Fleet Manager, 72 Hour LLC, DBA National Auto Fleet Group

The Proposer declares that there is an actual or potential Conflict of Interest relating to the preparation of its submission, and/or the Proposer foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the bid.

○ **Yes** ◉ **No**

The Bidder acknowledges and agrees that the addendum/addenda below form part of the Bid Document.

Check the box in the column "**I have reviewed this addendum"** below to acknowledge each of the addenda.

File Name	I have reviewed the below addendum and attachments (if applicable)	Pages
Addendum_7_Class 4-8 Chassis and Cabs _RFP_032824 Thu March 21 2024 08:45 AM	☑	1
Addendum_6_Class 4-8 Chassis and Cabs _RFP_032824 Wed March 20 2024 12:36 PM	☑	3
Addendum_5_Class 4-8 Chassis and Cabs _RFP_032824 Mon March 18 2024 12:01 PM	☑	1
Addendum_4_Class 4-8 Chassis and Cabs _RFP_032824 Wed March 6 2024 09:38 AM	☑	1
Addendum_3_Class 4-8 Chassis and Cabs _RFP_032824 Wed February 21 2024 04:08 PM	☑	2
Addendum_2_Class 4-8 Chassis and Cabs _RFP_032824 Wed February 14 2024 04:12 PM	☑	1
Addendum_1_Class 4-8 Chassis and Cabs _RFP_032824 Thu February 8 2024 04:24 PM	☑	1

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Proposal Evaluation
Class 4-8 Chassis and Cabs RFP #032824
Category 1

	Possible Points	72 HOUR, LLC dba National Auto Fleet Group	Amthor International	Autocar Truck, LLC	Battle Motors, Inc.	Buyers Products Company, Inc.	Certified Stainless Service, Inc. dba West-Mark	Daimler Trucks North America, LLC	Dennis Eagle, Inc.	Ed Murdock Superstores, Inc. dba Lavonia Ford	Emerald Transportation Solutions, LLC	Expertec Van Systems, Inc.	Hino Motors Sales U.S.A., Inc.	Kenworth Truck Company, Division of PACCAR, Inc.
Conformance to RFP Requirements	50	44	42	42	43	41	45	44	43	41	41		42	44
Pricing	400	339	328	326	333	326	335	331	321	319	321		331	344
Financial Viability and Marketplace Success	75	66	63	63	59	60	66	65	61	58	56		64	69
Ability to Sell and Deliver Service	100	85	69	81	77	73	80	90	84	74	68		80	90
Marketing Plan	50	45	43	38	43	41	43	44	42	45	38		37	43
Value Added Attributes	75	63	59	61	62	57	63	64	62	57	56		56	64
Warranty and Performance Standards or Guarantees	50	44	39	43	44	37	40	44	43	41	38		40	43
Depth and Breadth of Offered Equipment, Products, or Services	200	178	164	164	166	166	173	168	134	162	167		156	174
Total Points	1,000	863	807	818	826	802	844	850	789	798	784		805	870
Rank Order		2	13	12	10	15	5	4	19	16.5	20		14	1

	Possible Points	LOS ANGELES TRUCK CENTERS (VVG Holdings, LLC)	Mack Trucks, Inc.	Navistar, Inc. (International Truck)	North Central International dba Hoglund Bus Co.	Olathe Ford Sales, Inc.	Par-Kan Company, LLC	Peterbilt Motors - MD Sales	Rush Enterprises (Rush Truck Centers of Texas, L.P.)	Stellar Industries, Inc.	Stykemain Chevrolet, LLC	Truck Country of Wisconsin	Truckcorp, LLC	VALLEY FORD OF HURON, INC.
Conformance to RFP Requirements	50	43	43	45	42	44		43	44	42	37	39	43	43
Pricing	400	274	331	299	311	323		314	331	324	258	276	338	271
Financial Viability and Marketplace Success	75	68	68	65	61	64		67	65	60	50	59	65	64
Ability to Sell and Deliver Service	100	86	87	87	73	83		87	84	78	60	73	84	74
Marketing Plan	50	42	41	44	40	42		43	38	39	31	39	44	39
Value Added Attributes	75	64	66	66	56	62		66	61	59	47	60	68	63
Warranty and Performance Standards or Guarantees	50	44	44	44	40	44		44	41	41	34	41	43	41
Depth and Breadth of Offered Equipment, Products, or Services	200	174	163	174	162	170		168	176	156	163	159	173	173
Total Points	1,000	795	843	823	782	830		831	840	798	677	747	858	767
Rank Order		18	6	11	21	9		8	7	16.5	24	23	3	22

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Michael Muñoz, CPPB, Senior Procurement Analyst

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James Voelker, CPCM, CFCM, Procurement Manager

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Ginger Line, MPA NIGP-CPP CPPB, Senior Procurement Analyst

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Carol Jackson, Procurement Analyst

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Proposal Evaluation
Class 4-8 Chassis and Cabs RFP #032824
Category 2

	Possible Points	Bollinger Motors, Inc.	BYD Motors, LLC	Electric Vehicle Conversions, LLC dba Electric Vehicle Choice (EVC)	GreenPower Motor Company, Inc.	Lion Buses, Inc. (The Lion Electric Company)	Nikola Corporation	REE Automotive USA, Inc.	Roundtrip EV Solutions, Inc.	Workhorse Technologies, Inc.
Conformance to RFP Requirements	**50**	37	42	43	42	43	42	41	43	42
Pricing	**400**	293	296	325	306	320	318	318	333	320
Financial Viability and Marketplace Success	**75**	50	61	58	58	62	60	53	55	56
Ability to Sell and Deliver Service	**100**	50	69	76	68	75	83	75	69	67
Marketing Plan	**50**	39	39	41	40	39	40	41	42	40
Value Added Attributes	**75**	49	61	65	60	64	62	61	64	59
Warranty and Performance Standards or Guarantees	**50**	36	42	43	42	43	42	43	41	41
Depth and Breadth of Offered Equipment, Products, or Services	**200**	108	157	176	149	167	138	136	168	154
Total Points	**1,000**	660	766	827	764	811	784	765	814	778
Rank Order		9	6	1	8	3	4	7	2	5

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Michael Muñoz, CPPB, Senior Procurement Analyst

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James Voelker, CPCM, CFCM, Procurement Manager

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Ginger Line, MPA NIGP-CPP CPPB, Senior Procurement Analyst

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Carol Jackson
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Carol Jackson, Procurement Analyst

CONSENT AGENDA ITEM 302

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Purchase of the MVB3X Modular Vehicle Barrier System with Storage Solution

SUMMARY

The MVB3X barriers are designed for simple setup and take-down to close off traffic points within an event. The deployment requires no anchoring or tools. They are rapidly movable and provide a rapid signal to motorists and pedestrians. The pivot wheel systems make transitioning to additional lanes and or taking down simple. The MVB3X comes with its own storage solution, which will protect these units from the elements. This makes deployment faster, with less staffing needed for full deployment. Additional features include a custom banner tailored to our specific needs and sequential lighting for extra awareness.

FUNDING SOURCE

The funding source has been approved within the FY26 budget, under capital item "Machinery and Equipment" 001-2100-560640.

RECOMMENDATION

Staff recommends the City Commission approve the purchase of the MVB3X Modular Vehicle Barrier System from Advanced Security Technologies (AST) for the purchase price of $134,655. AST is a sole-source company that provides the components of a specialized transport and storage trailer, the MVBs, a pivot system, and accessories that no other manufacturer or entity provides.

Bringing Advanced Technologies to the security world

August 21, 2025

Captain Nick Ramano
Winter Springs Police Department
300 North Moss Road
Winter Springs, FL 32708

Phone: (407) 327-7998
email: nromano@winterspringsfl.org

RE: Sole Source Letter
MVB3X Modular Vehicle Barrier System Package

Dear Captain Ramano:

This letter confirms that Advanced Security Technologies LLC is the sole source provider of the Mobile Vehicle Barrier System package, which includes the specialized transport trailer, the modular vehicle barriers, pivot systems, and accessories. No other company or entity provides all the components of the system.

AST has been supplying the Mobile Vehicle Barrier System package throughout the US since 2017and we look forward to working with you as well.

If you have any additional questions, please don't hesitate to contact me at any time.

Sincerely,

Sal DiSalvo
Advanced Security Technologies LLC
Mobile: (201) 755-0557 I sdisalvo@adsectec.com

CONSENT AGENDA ITEM 303

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Resolution No. 2025-08 Updating the Parks & Recreation Fee Schedule and Establishing a Veterans Banner Program

SUMMARY

This resolution is recommended for the purpose to proposed of establishing the Veterans Banner recognition program and the associated fees. An outline of the proposed banner is 'Exhibit A' of the resolution. The amended fee schedule is 'Exhibit B' of the resolution. None of the previously adopted fees within the Parks and Recreation fee schedule are proposed for changes under this resolution.

In accordance with direction provided by the City Commission on May 12, 2025, City staff has collaborated with the Veterans and Veterans Family Advisory Committee to develop an annual Veterans Recognition Banner Program, along with associated fees.

The proposed program was presented to the Veterans and Veterans Family Advisory Committee on July 10, 2025. Following this meeting, City staff worked with a designated liaison from the Committee to further refine the program model.

The Winter Springs Veteran Banner Program is designed to honor local veterans by displaying commemorative banners on designated City streetlight poles located in the public right-of-way. This annual initiative serves to recognize and celebrate the service and sacrifice of Winter Springs residents who have served in the U.S. Armed Forces. Banners will be displayed annually from early January through early June and may be renewed each year for an additional fee.

To date, staff has identified approximately 77 potential installation locations for the program's first year. These include decorative light poles leased by the City from Duke Energy along the public right-of-way on North Tuskawilla Road and Blumberg Boulevard within the Town Center.

A program model has been developed, outlining key responsibilities of relevant City staff positions related to program administration. An initial participation fee of $200 is proposed to cover banner production, installation, and administrative overhead. A renewal fee of $100 is also proposed for returning participants in future years. Participants who wish to have a banner displayed in future years but their previously used banner is not in acceptable condition for display an additional banner reproduction fee of $100 will be applied.

To streamline the application and payment process, staff has integrated the program with existing Parks & Recreation software already in use by the City.

For the initial display period beginning in January 2026, the proposed application deadline is Friday, October 14, 2025. For future years, the annual application deadline will be October 1.

A sample illustration of the proposed banner has been attached to the this agenda item.

FUNDING SOURCE

City staff has identified funds from 001-72-7240-550520 in the proposed FY25/26 budget to cover the printing cost associated with producing these banners which will be offset by associated revenues from program participants.

RECOMMENDATION

Staff is recommending the City Commission approved Resolution No. 2025-08 to update the Parks & Recreation Fee Schedule and approve the establishment of a Veterans Banner Recognition Program.

RESOLUTION 2025-08

RESOLUTION OF THE CITY COMMISSION OF THE CITY OF WINTER SPRINGS, FLORIDA, ESTABLISHING A VETERANS BANNER RECOGNITION PROGRAM AND UPDATING AND REVISING THE SCHEDULE OF FEES FOR PARKS AND RECREATION FACILITY USES AND ACTIVITIES; PROVIDING FOR REPEAL OF PRIOR INCONSISTENT RESOLUTIONS; SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the City is granted the authority, under Section 2(b), Article VIII, of the State Constitution, to exercise any power for municipal purposes, except when expressly prohibited by law; and

WHEREAS, the City Commission has the authority to establish fees pursuant to section 166.201. Florida Statutes; and

WHEREAS, the City Commission Desires to establish a Veterans Banner Recognition Program; and

WHEREAS, the City Commission desires to revise the fees for the City's Parks and Recreation Facility uses and activities to establish the associated fees for the Veterans Banner program; and

WHEREAS, the City Commission of the City of Winter Springs finds that this Resolution is in the best interests of the public health, safety, and welfare of the citizens of Winter Springs.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF WINTER SPRINGS, SEMINOLE COUNTY, FLORIDA, AS FOLLOWS:

Section 1. **Recitals.** The foregoing recitals are deemed true and correct and are hereby fully incorporated herein by this reference.

Section 2. **Program Established.** The City Commission hereby approves the establishment of the Veterans Banner Program which is outlined in **Exhibit "A,"** attached hereto and fully incorporated herein by this reference.

Section 3. **Fees Established.** The City Commission hereby adopts the fee schedule set in **Exhibit "B,"** attached hereto and fully incorporated herein by this reference.

Section 4. **Repeal of Prior Inconsistent Resolutions.** All prior inconsistent resolutions adopted by the City Commission, or parts of prior resolutions in conflict herewith, are hereby repealed to the extent of the conflict.

Section 5. **Severability.** If any section, subsection, sentence, clause, phrase, word, or portion of this Resolution is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portion hereto.

Section 6. **Effective date.** This Resolution shall become effective immediately upon adoption by the City Commission.

DONE AND ADOPTED in regular session of the City Commission of the City of Winter Springs, Florida, this 13th day of October, 2025

KEVIN McCANN, Mayor

ATTEST:

CHRISTIAN GOWAN, City Clerk

Approved as to legal form and sufficiency for
The City of Winter Springs only:

ANTHONY A. GARGANESE, City Attorney

I. Program Description

a. The Winter Springs Banner program honors local veterans by displaying commemorative banners along designated streets within the City of Winter Springs on Right of Way street lights. This annual program recognizes the service and sacrifice of Winter Springs Residents who have served in the U.S. Armed Forces.

II. Designated City Streets for Banner Program

a. The designated City streets for display of these banners will be Tuskawilla Road within the Winter Springs Town Center, and Blumberg Boulevard.

III. Associated Fees

a. The initial program fee which includes design, banner production, installation and removal is $200. A renewal fee of $100 is available for participants who desire to have their banner displayed in future years, provided the banner remains in acceptable condition as determined by City staff. Participants who wish to have a banner displayed in future years but their previously used banner is not in acceptable condition for display an additional banner reproduction fee of $100 will be applied. Fees will be evaluated annually by City staff and any subsequent recommendations for fee amendments will be presented to the City Commission on an as needed basis.

IV. Display Period

a. The display period for the banners will be from mid-January until the mid of May each year

V. Registration Period

a. Applications can be submitted throughout the calendar year with an established deadline of October 1st annually in order to be included in the next annual display period.

VI. Banner Specification

a. The standard size of the banners will be 17X36 inches
b. The banners will be constructed from a double sided, weather resistance vinyl
c. Design Elements will include the Veteran's name, Military Branch, and a photograph of the veteran.

VII. Application Process

a. The application process will primarily be managed through the City's online recreation software program.
b. Payments may be made in the form of credit card, cash, or check made payable to The City of Winter Springs
c. Upon receipt of an application City staff will verify eligibility of the applicant and coordinate receipt of a digital photograph of the veteran.

VIII. Eligibility

a. Veterans Status: Must have served in any branch of the United States Armed Forces (Active Duty, Reserve, or National Guard). Must be honorably or generally discharged.
b. Residency: The veteran must be a current Winter Springs Resident, or the applicant must be an immediate family member of such a veteran.
c. Verification: Documentation confirming military service is required in addition to proof of residency.

IX. Renewals

a. Banners may be renewed annually for a fee of $100 contingent on the banner still being in acceptable condition as determined by the City.
b. If banners are not in suitable condition for display in future years a replacement banner may be purchased for an additional $100 in addition to the Renewal Fee of $100.

X. City Staff and City Liaison Responsibilities

a. The Recreation and Events Manager will serve as the Program Administrator. Their responsibilities generally will include overseeing the overall administration of the program, coordination with applicants, and scheduling.

b. The Communications Director will be responsible for creating banner designs, ensuring compliance with established City branding, and marketing the program to the public.

c. The Parks Manager will oversee the installation and maintenance of the banners. They will be responsible for the storage and of banners kept from previous years and coordinate staff resources for annual installation, removal, and storage of the banners.

d. A selected liaison from the Veterans and Veterans Family Advisory Committee will assist City staff on any questions and provide guidance to City staff on the program administration.

EXHIBIT "B"
RESOLUTION 2025-08
(Fees effective 10/14/2025)

ADULT SPORTS	RESIDENT	NON-RESIDENT
Softball	$450 Per Season	$450 Per Season
ALL BALL FIELDS/TURF FIELDS	**RESIDENT**	**NON-RESIDENT**
(Baseball, Softball, Soccer, Lacrosse, open field 2 hr minimum)		
CWP Upper Fields M-F	$30 | Hr*	$54.50 | Hr*
After 5 & Weekends	$40 | Hr*	$73 | Hr*
CWP Lower Fields M-F	$20 | Hr*	$36.50 | Hr*
After 5 & Weekends	$30 | Hr*	$54.50 | Hr*
All other Fields M-F	$15 | Hr*	$27.50 | Hr*
After 5 & Weekends	$20 | Hr*	$36.50 | Hr*
Field Prep	$25 | Hr*	$27.50 | Hr*
Parks Staff	$25 | Hr*	$27.50 | Hr*
5K Run Course	$200 | Hr*	$365 | Hr*
PARK RENTAL	**RESIDENT**	**NON-RESIDENT**
Pre-Event Set Up | Post- Event Clean Up	$150 | Hr*	$272.25 | Hr*
Full Day Park Rental	$2,000*	$3,630*
Park Rental Security/Damage Deposit	$500 refundable	$500 refundable
RECREATIONAL CAMP	**RESIDENT**	**NON-RESIDENT**
Summer Camp	$170 | Week	$255 | Week
PAVILION RENTALS	**RESIDENT**	**NON-RESIDENT**
Medium Pavilion	$40 | 4-hour block*	$73 | 4-hour block*
Large Pavilion	$50 | 4-hour block*	$91 | 4-hour block*
Trotwood Family Pavilion (4-hr min)	$35 | Hr*	$66.50 | Hr*
Trotwood Family Pavilion (full day)	$250*	$454*
Trotwood Family Pavilion Security/Damage Deposit		
Deposit	$200 refundable	$200 refundable
BLUMBERG BLVD. GAZEBOS	**RESIDENT**	**NON-RESIDENT**
Any road closures will require a separate permit	$100 | 4-hour block*	$181.50 | 4-hour block*
CIVIC CENTER RENTALS	**RESIDENT**	**NON-RESIDENT**
Weekdays before 5 PM (no minimum)	$35 | Hr*	$63.75 | Hr*
After 5 PM & Weekends (4-hr minimum)	$50 | Hr*	$90.75 | Hr*
Set Up (day before event if available)	$20 | Hr*	$22 | Hr*
Civic Center Security/Damage Deposit	$200 refundable	$200 refundable
SENIOR CENTER & THERAPY POOL	**RESIDENT**	**NON-RESIDENT**
The Senior Center offers recreational, cultural and educational	S.C. - $20 | Year	S.C. - $66 | Year
educational programs as well as aqua-aerobics	T.P. - $40 | Year	T.P. - $110 | Year
at the therapy pool	Guest Pass - $5 | Visit	Guest Pass - $5 | Visit
PICKLEBALL COURT RESERVATION	**RESIDENT**	**NON-RESIDENT**
	$5 | Per Court Per Hr	$9 | Per Court Per Hr
Full Day Pickleball Complex Rental	$2,000*	$3,630*
Veteran Banner Program	**RESIDENT**	**NON-RESIDENT**
Initial Banner Fee	$200	This program is not
Renewal Fee, eligiable banners in good condition		available for non-residents
for reinstallation	$100	

CITY OF
WINTER SPRINGS

Honoring Our Local Heroes



Name Goes Here

Branch

CONSENT AGENDA ITEM 304

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Proposed 2026 Meeting and Holiday Calendar

SUMMARY

Staff brings the proposed calendar forward each year with meeting dates for the City Commission and Advisory Boards as well as dates for City Holidays. The approval of this calendar does not limit the Commission's ability to schedule additional Special Meetings, Workshops, and/or holidays as outlined in the City Charter.

The proposed 2026 calendar adds one additional holiday on Wednesday, November 25, 2025 tied in to the Thanksgiving Holiday.

Additionally, one City Commission Regular Meeting is scheduled for the months of May, July, November, and December.

FUNDING SOURCE

RECOMMENDATION

Staff recommends the City Commission review and approve the proposed 2026 meeting and holiday calendar as presented.

January 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	**01** CITY HOLIDAY *New Years*	02	03
04	05	06	07	08 Planning and Zoning Board Regular Meeting - 5:30 PM	09	10
11	12 City Commission Regular Meeting - 6:30 PM	13	14	15 Veterans and Veteran Families Advisory Committee Meeting - 5:30 PM	16	17
18	**19** CITY HOLIDAY *Martin Luther King, Jr. Day*	20	21	22	23	24
25	26 City Commission Regular Meeting - 6:30 PM	27 Code Enforcement Board Regular Meeting - 5:30 PM	28	29	30	31
01	02	**Notes:**				

February 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	**02**	**03**	**04** Parks, Recreation, & Mobility Advisory Committee Regular Meeting - 5:30 PM	**05** Planning and Zoning Board Regular Meeting - 5:30 PM	**06**	**07**
08	**09** City Commission Regular Meeting - 6:30 PM	**10**	**11**	**12** Board of Trustees Regular Meeting - 5:30 PM	**13**	**14**
15	**16** CITY HOLIDAY *President's Day*	**17**	**18** Tuscawilla Lighting & Beautification District Committee Meeting - 5:15 PM	**19**	**20**	**21**
22	**23** City Commission Regular Meeting - 6:30 PM	**24** Code Enforcement Board Regular Meeting - 5:30 PM	**25**	**26**	**27**	**28**
01	**02**	**03**	**04**	**05**	**06**	**07**
08	**09**	**Notes:**				

March 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02	03	04	05 Planning and Zoning Board Regular Meeting - 5:30 PM	06	07
08	09 City Commission Regular Meeting - 6:30 PM	10	11	12	13	14
15	16	17	18	19	20	21
22	23 City Commission Regular Meeting - 6:30 PM	24 Code Enforcement Board Regular Meeting - 5:30 PM	25	26	27	28
29	30	31	01	02	03	04
05	06	**Notes:**				

April 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01	02 Planning and Zoning Board Regular Meeting - 5:30 PM	03	04
05	06	07	08	09 Veterans and Veteran Families Advisory Committee Meeting - 5:30 PM	10 CITY HOLIDAY *Spring Holiday*	11
12	13 City Commission Regular Meeting - 6:30 PM	14	15	16	17	18
19	20	21	22	23	24	25
26	27 City Commission Regular Meeting - 6:30 PM	28 Code Enforcement Board Regular Meeting - 5:30 PM	29	30	01	02
03	04	**Notes:**				

May 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	01	02
03	04	05	06 Parks, Recreation, & Mobility Advisory Committee Regular Meeting - 5:30 PM	07 Planning and Zoning Board Regular Meeting - 5:30 PM	08	09
10	11 City Commission Regular Meeting - 6:30 PM	12	13	14 Board of Trustees Regular Meeting - 5:30 PM	15	16
17	18	19	20 Tuscawilla Lighting & Beautification District Cmte Meeting - 5:15 PM Oak Forest Wall District Cmte Mtg - 6:30 PM	21	22	23
24	25 CITY HOLIDAY *Memorial Day*	26 Code Enforcement Board Regular Meeting - 5:30 PM	27	28	29	30
31	01	**Notes:**				

June 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	01	02	03	04 Planning and Zoning Board Regular Meeting - 5:30 PM	05	06
07	08 City Commission Regular Meeting - 6:30 PM	09	10	11	12	13
14	15	16	17	18	19 CITY HOLIDAY *Juneteenth*	20
21	22 City Commission Regular Meeting - 6:30 PM	23 Code Enforcement Board Regular Meeting - 5:30 PM	24	25	26	27
28	29	30	01	02	03	04
05	06	**Notes:**				

July 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	01	02 Planning and Zoning Board Regular Meeting - 5:30 PM	03 CITY HOLIDAY *Independence Day (observed)*	04
05	06	07	08	09 Veteran and Veteran Families Advisory Committee Regular Meeting - 5:30 PM	10	11
12	13 City Commission Budget Workshop - 4:30 PM City Commission Regular Meeting - 6:30 PM	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28 Code Enforcement Board Regular Meeting - 5:30 PM	29	30	31	01
02	03	**Notes:**				

August 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	31	01
02	03	04	05 Parks, Recreation, & Mobility Advisory Committee Regular Meeting - 5:30 PM	06 Planning and Zoning Board Regular Meeting - 5:30 PM	07	08
09	10 City Commission Regular Meeting - 6:30 PM	11	12	13 *Florida League of Cities Annual Conference* Board of Trustees Regular Meeting - 5:30 PM	14 *Florida League of Cities Annual Conference*	15 *Florida League of Cities Annual Conference*
16	17	18	19 Tuscawilla Lighting & Beautification District Committee Meeting - 5:15 PM	20	21	22
23	24 City Commission Regular Meeting - 6:30 PM	25 Code Enforcement Board Regular Meeting - 5:30 PM	26	27	28	29
30	31	**Notes:**				

September 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	31	01	02	03 Planning and Zoning Board Regular Meeting - 5:30 PM	04	05
06	07 CITY HOLIDAY *Labor Day*	08	09	10	11	12
13	14 City Commission Regular Meeting - 6:30 PM	15	16	17	18	19
20	21	22 Code Enforcement Board Regular Meeting - 5:30 PM	23	24	25	26
27	28 City Commission Regular Meeting - 6:30 PM	29	30	01	02	03
04	05	**Notes:**				

October 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	**01** Planning and Zoning Board Regular Meeting - 5:30 PM	**02**	**03**
04	**05**	**06**	**07**	**08** Veterans and Veteran Families Advisory Committee Meeting - 5:30 PM	**09**	**10**
11	**12** City Commission Regular Meeting - 6:30 PM	**13**	**14**	**15**	**16**	**17**
18	**19**	**20**	**21**	**22**	**23**	**24**
25	**26** City Commission Regular Meeting - 6:30 PM	**27** Code Enforcement Board Regular Meeting - 5:30 PM	**28**	**29**	**30**	**31**
01	02	**Notes:**				

November 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02	03	04 Parks, Recreation, & Mobility Advisory Committee Regular Meeting - 5:30 PM	05 Planning and Zoning Regular Meeting - 5:30 PM	06	07
08	09	10	11 CITY HOLIDAY *Veteran's Day*	12 Board of Trustees Regular Meeting - 5:30 PM	13	14
15	16 City Commission Regular Meeting - 6:30 PM	17	18 Tuscawilla Lighting & Beautification District Cmte Meeting - 5:15 PM Oak Forest Wall District Cmte Mtg - 6:30 PM	19	20	21
22	23	24 Code Enforcement Board Regular Meeting - 5:30 PM	25	26 CITY HOLIDAY *Thanksgiving*	27	28
29	30	01	02	03	04	05
06	07	**Notes:**				

December 2026

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	01	02	03 *Florida League of Cities Legislative Conference* Planning and Zoning Board Regular Meeting - 5:30 PM	04 *Florida League of Cities Legislative Conference*	05
06	07	08	09	10	11	12
13	14 City Commission Regular Meeting - 6:30 PM	15	16	17	18	19
20	21	22 Code Enforcement Board Regular Meeting - 5:30 PM	23	24 CITY HOLIDAY *Christmas Holiday*	25	26
27	28	29	30	31 CITY HOLIDAY *New Years Holiday*	01	02
03	04	**Notes:**				

CONSENT AGENDA ITEM 305

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Approval of the Minutes: Monday, September 8, 2025 City Commission Regular Meeting

SUMMARY

FUNDING SOURCE

RECOMMENDATION

Staff recommends the Commission review and approve the September 8, 2025 City Commission Regular Meeting Minutes as presented

CITY COMMISSION
REGULAR MEETING MINUTES

UNAPPROVED

MONDAY, SEPTEMBER 8, 2025 AT 6:30 PM

CITY HALL – COMMISSION CHAMBERS
1126 EAST STATE ROAD 434, WINTER SPRINGS, FLORIDA

CALL TO ORDER
Mayor Kevin McCann called the Regular Meeting of Monday, September 8, 2025 of the City Commission to order at 6:33 p.m. in the Commission Chambers of the Municipal Building (City Hall, 1126 East State Road 434, Winter Springs, Florida 32708).

Roll Call:
Mayor Kevin McCann, present
Deputy Mayor Cade Resnick, present
Commissioner Paul Diaz, present
Commissioner Victoria Bruce, present
Commissioner Sarah Baker, present
Commissioner Mark Caruso, present
City Manager Kevin Sweet, present
City Attorney Anthony Garganese, present
City Clerk Christian Gowan, present

Pastor Kyle Stewart provided the invocation and led the Pledge of Allegiance.

Mayor McCann asked if there were any agenda changes. It was noted that Item 500 would need to be heard prior to the Public Hearings adopting the millage and budget. The Commission agreed to hear Item 500 after the Consent Agenda and before Public Hearings.

AWARDS AND PRESENTATIONS
100) Not Used

INFORMATIONAL AGENDA
200) Update on City Holiday Parade Route

Mayor McCann noted that information about the proposed route change was available in the agenda packet and summarized that the change was in response to concerns raised by public safety agencies to ensure access in the event a response was needed.

PUBLIC INPUT
Mayor McCann opened Public Input.

Gina Burke, Winter Springs spoke in opposition to a proposed increase to the Tuscawilla area assessment and discussed the current economic environment.

Nancy Vail, Winter Springs spoke in opposition to the proposed Tuscawilla area assessment based on a lack of information about projects and was in favor of this money being used for stormwater improvements. Ms. Vail further noted that the fountains at the entrance of Tuscwailla were enjoyed by everyone and should be the responsibility of the city.

Linda Freeburn, Winter Springs asked that Commission not change course on the UCF Incubator and encouraged the Commission to keep struggling residents in mind. Ms. Freeburn also noted that she thought Zulu was doing a great job with their work on the creeks.

Arthur Mrruko, Winter Springs noted increasing taxes, water rates, etc., asked what had been improved to justify increases, and asked that the city consider residents on fixed incomes.

Ken Greenberg, Winter Springs Community Association asked that Item 300, the Senior Center Agreement, be pulled from the agenda. Mr. Greenberg thought the document was more complicated and not properly explained to Senior Center Association and he offered to serve as a

UNAPPROVED

liaison along with Joanne Krebs to discuss with the Senior Center Association. Mr. Greenberg then discussed a survey related to the proposed increase in the Tuscawilla area assessment and opposition from respondents. Finally, Mr. Greenberg discussed the current state of the landscaping, other rate and tax increases, concerns for residents on fixed incomes and noted he was not in favor of the proposed projects.

Carol Wallace, Winter Springs - representing Winter Springs Senior Center as Vice President - noted the makeup of the board and their experience, noted they did not require a liaison, and commented on the responsiveness of city staff. Ms. Wallace noted board members were elected by members to represent the Senior Center and encouraged Commissioners to join on Wednesdays for lunch.

Mayor McCann closed Public Input.

CONSENT AGENDA

300) Municipal Services Agreement - Winter Springs Senior Center Inc.

Deputy Mayor Resnick noted previously asking for a review of the Senior Center Agreement to bring it up to date and further commented on concerns he had related to Sections 5 and 6, as well as no mention of external activities and parking for outside field trips. The concerns were related to allowable activities and a consideration of donating the city's surplus technology to the Senior Center.

Discussion followed on the ability to update the agreement as needed in the future. Attorney Garganese noted the extensive conversations that staff had with the Senior Center Association and Mr. Brian Dunigan, Director, Operations & Administrative Services discussed risk components that needed to be considered.

301) Pavement Management Program Services

302) Vistawilla Road Reclaimed Water Main Extension Project Design Services

Commissioner Bruce noted that this would connect the east and west of the city reclaimed lines and noted excitement about the project.

303) Resolution 2025-13: 340 Shore Road Lot Split

No discussion.

304) The Blake Commons Final Plat Revision

No discussion.

305) Approval of the Minutes: Monday, August 11, 2025 City Commission Regular Meeting

Commissioner Bruce noted a minor correction related to her report.

306) Approval of the Minutes: Monday, August 25, 2025 City Commission Regular Meeting

No discussion.

"MOTION TO APPROVE CONSENT AGENDA AS PRESENTED." MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER. DISCUSSION.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (AYE); DIAZ (AYE); RESNICK (AYE)
MOTION CARRIED 5-0.

****AGENDA NOTE: THE FOLLOWING REGULAR AGENDA ITEM WAS DISCUSSED NEXT, AS APPROVED BY THE CITY COMMISSION****

UNAPPROVED

500) Consideration of One Year Extension to End UCF Incubator Contract

Mayor McCann noted that he requested the inclusion of this item and explained that he was seeking a one-year extension of the agreement with the UCF Winter Springs Incubator as he thought more than a month's notice was needed to be provided to partners.

"MOTION TO APPROVE ITEM 500 AS REQUESTED BY THE MAYOR." MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER. DISCUSSION.

Commissioner Diaz objected to the consideration of the motion and noted the contract's language that funding was subject to the Commission's discretion.

VOTE: BAKER (AYE); BRUCE (NAY); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION FAILED 2-3.

PUBLIC HEARINGS AGENDA
400) Tentative Millage Rate for Fiscal Year 2025-2026 and Related Advertising

Ms. Holly Queen, Director, Finance Department presented the item and noted Resolution 2025-14 would establish the Tentative Operating Millage Rate for Fiscal Year 2025-2026 for the City of Winter Springs at 2.6200 mills, 5.94% greater than the rolled back rate and would authorize staff to advertise the final hearing.

Discussion followed on revised projections from the state and Ms. Queen noted an additional $200,000 which was only recently released due to the Legislature's delay in adopting a budget.

Further discussion followed on actions taken by other cities to roll back their rates and the possibility of that occurring in Winter Springs.

"I MOVE TO ADOPT RESOLUTION 2025-14 ESTABLISHING THE FISCAL YEAR 2025-2026 OPERATING MILLAGE RATE FOR THE CITY OF WINTER SPRINGS AT 2.6200 MILLS AND PUBLICLY ANNOUNCE THAT THE TENTATIVE OPERATING MILLAGE RATE OF 2.6200 MILLS IS 5.94% GREATER THAN THE COMPUTED ROLLED-BACK RATE OF 2.4730 MILLS AND AUTHORIZING ADVERTISEMENT OF THE CITY'S INTENT TO HOLD PUBLIC HEARINGS TO ADOPT THE FINAL MILLAGE RATE AND BUDGET.." MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER. DISCUSSION.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED 3-2.

401) Tentative Budget for Fiscal Year 2025-2026 and Related Advertising

Ms. Queen introduced the item and noted that staff was seeking approval of Resolution 2025-15 to adopt the tentative budget and authorize the City to advertise their intent to hold a public hearing.

"I MOVE TO APPROVE RESOLUTION 2025-15 ESTABLISHING THE TENTATIVE BUDGET FOR THE CITY OF WINTER SPRINGS FOR THE FISCAL YEAR COMMENCING ON OCTOBER 1, 2025 AND ENDING ON SEPTEMBER 30, 2026 AND AUTHORIZING ADVERTISEMENT OF THE CITY'S INTENT TO HOLD PUBLIC HEARINGS TO ADOPT THE FINAL MILLAGE RATE AND BUDGET. " MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER CARUSO. DISCUSSION.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (AYE); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED 4-1.

REGULAR AGENDA

UNAPPROVED

501) Operation, Maintenance & Management Water, Wastewater & Reuse Facilities Agreement with Woodard & Curran, Inc.

Mr. Clete Saunier, Director, Public Works & Utilities Department presented the proposed contract with Woodard and Curran to maintain and operate the city's water and wastewater treatment plants. Mr. Saunier noted extensive meetings had taken place to craft this agreement with city staff and representatives from Woodard and Curran and noted that this was a collaborative process. Finally, Mr. Saunier explained that transitional services would begin tomorrow if the agreement were approved, highlighted the good references from Woodard and Curran's existing customers, and explained that this was an open, transparent actual cost + fixed fee contract.

Discussion followed on concerns about third-party operations of plants, historical concerns related to spills, reporting, and consent orders, and party responsibilities as detailed in the contract.

Mr. Saunier noted that staff intended to have constant communication and regular check-ins with Woodard and Curran to ensure that any issues were known and everyone was kept apprised. Mr. Saunier further explained that the contract could not address every imaginable issue that could arise but noted there were requirements in place to meet and communicate as found in Exhibit B.

Further discussion followed on payments, purchasing of equipment, and the need for good communication.

Manager Sweet reiterated the work that went into the contract, noted his experience elsewhere with contract negotiation and plant operations, and noted excitement about this partnership. Manager Sweet noted that the city was heading in the right direction and asked for patience in this process.

Brief discussion followed on regulatory requirements for reporting incidents to the Florida Department of Environmental Protection.

Manager Sweet noted there would be a staff liaison in place as well as standard operating procedures and permit regulations which would ensure the proper reporting and operations of the plants.

MOTION TO APPROVE ITEM 501. [PURSUANT TO RFQ #02-25-01 CS, STAFF RECOMMENDS THE CITY COMMISSION APPROVE THE ATTACHED CONTRACT WITH WOODARD & CURRAN, INC. FOR OPERATION, MAINTENANCE & MANAGEMENT WATER, WASTEWATER & REUSE FACILITIES SERVICES. ADDITIONALLY, AUTHORIZING FOR THE CITY MANAGER AND CITY ATTORNEY TO PREPARE AND EXECUTE ANY AND ALL APPLICABLE CONTRACT DOCUMENTS CONSISTENT WITH THIS AGENDA ITEM.] MOTION BY COMMISSIONER DIAZ. SECONDED BY COMMISSIONER BAKER. DISCUSSION.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (NAY); DIAZ (AYE); RESNICK (AYE)
MOTION CARRIED 4-1.

502) Matters Related to Boards and Committees

DEPUTY MAYOR RESNICK NOMINATED CYNTHIA MIERICKE TO SEAT FOUR OF THE TUSCAWILLA LIGHTING AND BEAUTIFICATION DISTRICT ADVISORY COMMITTEE. SECONDED BY COMMISSIONER BAKER. DISCUSSION

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (AYE); DIAZ (AYE); RESNICK (AYE)
MOTION CARRIED 5-0.

UNAPPROVED

503) New Business

Deputy Mayor Resnick asked about communications from the city and if the Commissioner should request a regular update be provided. City Manager Sweet noted a planned bi-weekly update which was to begin September 14, 2025 to include project updates and other information at a high level. Manager Sweet noted that these updates would be planned to go out opposite of weeks with Commission meetings. Deputy Mayor Resnick noted that he thought misinformation was being shared by some other entities and thought information and updates from the city would be useful to combat this.

REPORTS

600) City Manager Kevin Sweet

Manager Sweet noted sediment removal was underway, and work was to begin on Sheoah in the next week or so. He further noted that consultants had identified candidate ponds at Tioga Court, Solary Canal, and Deer Run for sediment removal and that these had been approved by NRCS. Mr. Sweet then provided updates on the ongoing ion exchange replacement and fire hydrant inspection and testing which would begin mid-next week and discussed the importance of the approved pavement management plan which would allow the city to proactively plan for resurfacing roads throughout the city objectively. Finally, Mr. Sweet provided an update on the Tuskawilla Crossings berm repair, noted that the St. Johns River Water Management District had issued a permit, noted a request for proposals was being developed, and noted that the city was moving forward with seeking remedies from responsible parties.

601) City Attorney Anthony A. Garganese

No report

602) City Clerk Christian Gowan

No report

603) Seat Three Commissioner Sarah Baker

Commissioner Baker noted her attendance at the recent CALNO meeting hosted by the City of Sanford at Decision Tactical and updates that she had received regarding a planned Costco at the Seminole Town Center and plans for commemorating the 250th anniversary of the country. Commissioner Baker also noted the upcoming September 11th Memorial Ceremony to be held at the police department and the Babe Ruth Opening Ceremonies to be held on Friday, September 12, 2025.

604) Seat Four Commissioner Deputy Mayor Resnick

Deputy Mayor Resnick commented that he thought the creeks were looking the best they had in several years. He further noted his attendance at a recent Tri-County League of Cities Advocacy Meeting in preparation for the next legislative session which would likely see a focus on the potential elimination of property taxes. Deputy Mayor Resnick also noted the October 11, 2025 Rotary pickleball tournament, and encouraged participation. Finally, Deputy Mayor Resnick noted he would not be in attendance at the upcoming September 11 Memorial.

605) Seat Five Commissioner Mark Caruso

No report.

UNAPPROVED

606) Mayor Kevin McCann

Mayor McCann noted his participation at a recent Leadership Seminole panel, noted a recognition ceremony held at Fire Station 26 for city parks staff who had reported and assisted in a fire response on Orange Avenue, noted his attendance at the Tri-County advocacy meeting, commented on a recent incident shared by the Chief and highlighted the work of the Winter Springs Police Department, and finally wished his wife a Happy Birthday.

607) Seat One Commissioner Paul Diaz

No report

608) Seat Two Commissioner Victoria Bruce

Commissioner Bruce wished her husband a Happy Birthday, noted she was coordinating with Representative Rachel Plakon to recognized her assistance to the city during the previous legislative session, and noted her previous concerns about arborist certifications and noted work was underway to correct this. Commissioner Bruce further discussed her participation in the Florida League of Cities Utilities, Natural Resources Committee and plans to introduce an issue related to arbor fees as a potential priority item, noted a request for a discussion non electric vehicle chargers to be brought forward to a future meeting, and finally noted a recently completed lighting project at Central Winds Park and recognized Alvaro Britos and other city staff who had worked on the project.

PUBLIC INPUT

Mayor McCann opened Public Input.

Gina Shafer, Winter Springs asked that Parks and Rec staff be recognized at a Commission meeting for their assistance with fire response, asked about potential coffee with commissioners event, noted Facebook comments made by commissioners that were not discussed on dais, and thanked the Police Department for work on e-bikes while noting that more work was needed. Finally, Ms. Shafer asked that the Commission consider holding a Town Hall meeting where people could come and just talk to the Commission.

Mayor McCann closed Public Input.

ADJOURNMENT

Mayor McCann adjourned the meeting at 8:19 p.m.

RESPECTFULLY SUBMITTED:

_____

CHRISTIAN D. GOWAN, MPA, CMC
CITY CLERK

APPROVED:

_____

MAYOR KEVIN McCANN

NOTE: These Minutes were approved at the *September 22, 2025* City Commission Regular Meeting.

UNAPPROVED

CONSENT AGENDA ITEM 306

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Approval of the Minutes: Tuesday, September 9, 2025 City Commission Special Meeting

SUMMARY

FUNDING SOURCE

RECOMMENDATION

Staff recommends the Commission review and approve the September 9, 2025 City Commission Special Meeting Minutes as presented

CITY COMMISSION
SPECIAL MEETING MINUTES

UNAPPROVED

MONDAY, SEPTEMBER 9, 2025 AT 5:30 PM

CITY HALL – COMMISSION CHAMBERS
1126 EAST STATE ROAD 434, WINTER SPRINGS, FLORIDA

CALL TO ORDER
Mayor Kevin McCann called the Special Meeting of Tuesday, September 9, 2025 of the City Commission to order at 5:32 p.m. in the Commission Chambers of the Municipal Building (City Hall, 1126 East State Road 434, Winter Springs, Florida 32708).

Roll Call:
Mayor Kevin McCann, present
Deputy Mayor Cade Resnick, present
Commissioner Paul Diaz, present
Commissioner Victoria Bruce, present
Commissioner Sarah Baker, present
Commissioner Mark Caruso, present
City Manager Kevin Sweet, present
City Attorney Anthony Garganese, present
City Clerk Christian Gowan, present

Pastor Bob Melhorn provided the invocation and then led the Pledge of Allegiance.

Mayor McCann briefly reviewed the rules related to Public Input and Public Hearings.

PUBLIC INPUT
Mayor McCann opened Public Input.

John Sundman, Winter Springs noted he lived in Hawk's Reserve and commented on a lack of maintenance or landscaping that had been conducted as well as concerns about irrigation charges.

Jesse Phillips, Winter Springs expressed concerns about what he perceived as a limitation on speech related to the rules described by Mayor McCann and noted 700 respondents to a survey that he was representing.

In response to a question from Commissioner Diaz, Attorney Garganese noted Public Input was for items not on the agenda and did not include separate public hearing items. City Clerk Christian Gowan noted that the rules governing this were in the City Code, Section 2-28.

Lachyn Turkmenova, Winter Springs spoke in opposition to an increased rate.

Dina Patino, Winter Springs noted she had read the financials, thought there was no deficit, noted a $50,000 surplus, and was not in favor of an increased rate.

Linda Freeburn, Winter Springs discussed overhead charges and was interested in how these were calculated and what they were for.

Mayor McCann closed Public Input.

PUBLIC HEARINGS AGENDA
400) Increase in Maximum Annual Tuscawilla Maintenance Assessment and Approval of Assessment Roll

Ms. Holly Queen, Director, Finance Department reviewed the history of the fund, the rate study process and associated noticing requirements, and noted a proposed increase in the cap from the current $128.00 to $255.20 and adopting the rate of $255.20 for FY26. Ms. Queen proceeded to review financials, projects completed and proposed, and discussed overhead charges, Duke Energy pole lease charges, and fund balances.

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Discussion followed on necessary reserves, signage that was included in the assessment, the intent of the assessment area to maintain a higher level of service for beautification in the area, and the work that had been done over the years including the median landscaping and the entryway fountains. Further discussion occurred on deferred maintenance, alternatives to adopting the maximum rate for FY26, and impact on project timelines.

City Manager Kevin Sweet noted that this process had been discussed for several years and discussed the city's role as essentially that of an HOA. Ms. Queen noted that the TLBD Advisory Committee had been asking for a rate study for years.

Discussion followed on the history of the assessment area's creation, differing charges based on equivalent residential units, the cost of rate studies, and it was reiterated that residents appointed to the TLBD were requesting this cap and rate.

Mayor McCann opened the Public Hearing for Item 400.

Kurt Miericke, Winter Springs – Tuscawilla Homeowners Association (THOA) - read a statement from the THOA Board of Directors in favor of the increased assessment.

Dennis Jones, Winter Springs noted the favorable market in Tuscawilla due to improvements and spoke in favor of the continued assessment and proposed increase.

Kim Coburn, Winter Springs spoke about the beauty of Tuscawilla and appeal, thought letting it slip would negatively impact property values, and noted she was In favor of keeping the amenities.

Karen Meyer, Winter Springs spoke about the importance of visual enrichment and noted she was in favor of maintaining the beautification.

Tommy Far, Winter Springs was not in favor of the proposed 100% increase and asked what additional benefit residents would see.

Matt Logan, Winter Springs was not in favor of a 100% increase due to sins of the past. He suggested the Commission raise the cap and then increase the rate incrementally.

Radi Adzemovic, Winter Springs spoke in support of the proposed increase, noted he did not want to compromise the beauty of the area and didn't think the increase was out of place in today's environment.

Bill Grodsky, Winter Springs noted he served on the Chelsea Woods HOA Board, spoke in favor of the proposed increase, and suggested putting in place a mechanism to allow future increases to meet future needs.

Louis Pinero, Winter Springs spoke about the current economic environment, his own experience, and urged consideration of residents on fixed incomes. He noted that he was not in favor of the increase for beautification over essentials.

Jean Grey, Winter Springs noted overwhelming approval of the assessment area's initial formation and noted she thought it had been beneficial. She spoke in support of the proposed increase to account for increasing prices.

Denise Ritchey, Winter Springs - Reserve HOA - spoke about her community's efforts on Tuscora Drive that had been funded by the HOA, the amount of work it took to maintain plantings, discussed

UNAPPROVED

neglect of entrance signs at Tuscora, and further noted her offer to donate flowers and other landscaping.

Scott Ritchey, Winter Springs discussed the importance of trust and accountability and noted he was opposed to the proposed increase. He stated that he didn't believe the rate should be doubled when it was not being properly and effectively managed at the current rate.

Tim Wansbury, Winter Springs - Howell Creek HOA - spoke in opposition to the proposed increase, noted concerns he had about a lack of information regarding priorities and schedules, and further discussed discrepancies between figures the city provided and the study consultant provided.

Avery Smith, Winter Springs noted she was opposed to raising the rate and discussed that the fountains were on an easement where the property was owned by the THOA.

Tom Vagnini noted previous his service on the Tuscawilla Lighting and Beautification District Advisory Committee (TLBD) and discussions with Ms. Bivona, the current chair. Mr. Vagnini noted that he had always been tight with the budget and spoke in support of the proposed increase.

Allison White, Winter Springs spoke about a failure to raise the rate over time, thought an increase was necessary but asked that gradual increases be considered in the future to avoid a similar situation.

Elaine Connors, Winter Springs spoke in opposition to the increased rate and shared further comments about the fountains stating they often did not work and should be removed.

Richard Williams, Winter Springs discussed sticker shock among residents and thought an incremental increase would be more welcome.

Linda Freeburn, Winter Springs noted she was in favor of increasing the cap but was not sure about the 100% increase in the assessment rate. Ms. Freeburn further asked about NBS expenditures and other costs hitting the assessment and noted she thought the fountains should be replaced with native plants.

Nancy Vail noted she was against the proposed increase, mainly due to the 100% increase. Ms. Vail reviewed the history of the assessment district, noted the need for more information about projects, and thought the money should be spent on other things.

Ken Greenberg, Winter Springs - Winter Springs Community Association – noted the association was firmly against the increase amid other rising rates. Mr. Greenberg discussed his prior service on the TLBD and noted he thought landscaping was not maintained and the fountains were inadequate.

Mayor McCann read 2 letters into the record from Karen Owens and Terri Bivona[1].

Mayor McCann closed the Public Hearing for Item 400.

Discussion followed with Commissioners thanking residents for coming and sharing their opinion, a seemingly split opinion from those present, the possibility of abolishing the tax district and creating a voluntary beautification fund, landscaping requirements and contracted services with Nature's Care, and the ownership of the entryway fountains.

[1] The referenced letters are attached to the end of these minutes.

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Attorney Garganese noted the fountains were city assets on an easement with the property owned by the THOA and referenced an existing agreement in place.

MOTION TO INCREASE THE CAP TO $255.20 AND SET THE RATE FOR FY26 AT $255.20. MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER.

VOTE: BAKER (AYE); BRUCE (NAY); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION FAILED: 2-3

Commissioner Diaz suggested that the assessment area should be abolished.

Discussion followed on the deadline to send the assessment rolls to the Tax Collector, noticing requirements, and it was noted that the budget was still open to adjustments based on the Commission's actions.

MOTION TO NOT RAISE THE CAP [OR RATE]. MOTION BY COMMISSIONER DIAZ. MOTION FAILED FOR LACK OF A SECOND.

MOTION TO INCREASE CAP TO $255.20 AND INCREASE THE RATE FOR FY26 BY 50% TO $192.00 WITH AN ADDITIONAL 25% INCREASE OVER THE NEXT TWO YEARS. MOTION BY COMMISSIONER BAKER. MOTION DIED FOR LACK OF A SECOND.

MOTION TO SET THE CAP TO $200.00 AND SET THE ASSESSMENT RATE FOR FY26 AT $178.00. MOTION BY COMMISSIONER BRUCE. MOTION DIED FOR LACK OF A SECOND.

MOTION TO SET THE CAP AT $255.20 AND SET THE ASSESSMENT RATE FOR FY26 AT $150.00. MOTION BY DEPUTY MAYOR RESNICK. MOTION FAILED FOR LACK OF A SECOND.

MOTION TO INCREASE THE CAP TO $255.20 AND INCREASE THE RATE FOR FY26 BY 50% TO $192.00. MOTION BY COMMISSIONER BAKER. MOTION DIED FOR LACK OF A SECOND.

Discussion followed on concerns about the cap, a suggestion that the assessment area be abolished, the cost of the rate studies, and further costs if the Commission did not take action.

Ms. Queen noted that what staff had presented came from the TLBD advisory committee, she noted sparse attendance at the advisory committee meetings and highlighted the detailed information regularly presented.

MOTION TO KEEP THE STATUS QUO [NOT RAISE CAP OR ASSESSMENT]. MOTION BY COMMISSIONER DIAZ. MOTION DIED FOR LACK OF A SECOND.

MOTION TO ADJOURN. MOTION BY COMMISSIONER DIAZ. MOTION DIED FOR LACK OF A SECOND.

MOTION TO INCREASE THE CAP TO $255.20 AND INCREASE THE ASSESSMENT RATE BY A MAXIMUM OF 25% EACH YEAR OVER THE NEXT THREE YEARS. MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER.

VOTE: BAKER (AYE); BRUCE (NAY); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION FAILED: 2-3

UNAPPROVED

MOTION TO INCREASE THE CAP TO $220.00/ERU AND INCREASE THE ASSESSMENT RATE FOR FY 26 BY 25% TO $160.00 WITH A MAXIMUM 25% INCREASE PER YEAR OVER THE NEXT THREE YEARS. MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BRUCE.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED: 3-2

MOTION TO APPROVE RESOLUTION 2025-16 AS AMENDED. MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BRUCE.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED: 3-2

401) Increase in Maximum Annual Oak Forest Maintenance Assessment and Approval of Assessment Rolls

Ms. Queen introduced the item and noted that staff was seeking to raise the cap for the Oak Forest Wall and Beautification District maintenance assessment from $63 to $84.03 and set the rate for Tax Year 2025 (FY26) to $60, unchanged from the prior year.

Mayor McCann opened the Public Hearing for Item 401.

Doug Atkins, Winter Springs noted his previous work with the beginning of the Oak Forest assessment area and service on the advisory committee. He noted that he was not opposed to the cap increase and discussed the importance of transparency.

Gary McCotter, Winter Springs asked about who maintained the wall and thought nothing was being done, he shared pictures with the Commission showing areas he was concerned about, and noted that he was opposed to an increase.

Lachyn Turkmenova, Winter Springs spoke in opposition to the proposed cap increase and rate.

Mayor McCann closed the Public Hearing for Item 401.

Discussion followed on the need to raise the cap, attempts by the city to approach the issue proactively to avoid the same situation as TLBD, issues of deferred maintenance, contractual requirements for Nature's Care, past work that had been done, and planned landscaping.

MOTION TO APPROVE ITEM 401 AS PRESENTED. [APPROVE RESOLUTION 2025-17 AUTHORIZING THE INCREASE IN THE MAXIMUM ANNUAL OAK FOREST MAINTENANCE ASSESSMENT, AUTHORIZING THE SUBMISSION OF THE CERTIFICATES TO NON-AD VALOREM ASSESSMENT ROLL, ASSESSMENT RATE, ASSESSMENT SUMMARY, AND FY2025-2026 ANNUAL ASSESSMENT ROLL FOR TAX YEAR 2025 FOR THE OAK FOREST BEAUTIFICATION DISTRICT MAINTENANCE TO THE SEMINOLE COUNTY TAX COLLECTOR BY SEPTEMBER 15, 2025.] MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BRUCE.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED: 3-2

UNAPPROVED

REGULAR AGENDA
500) Tuscawilla Phase III (Hawk's Reserve) Approval of Non-Ad Valorem Assessment Roll

Ms. Queen briefly reviewed the assessment area and noted that no changes to the cap or assessment rate were being sought at this time and explained that staff was seeking approval of the annual assessment roll to send to the Tax Collector by the September 15, 2025 deadline.

Discussion followed on the more complex nature of this assessment area, the difference in capital and maintenance assessments, concerns about a lack of maintenance for the wall, and efforts currently underway in the city to address the issue and seek solutions. Ms. Queen noted that the city was planning to have community dialogues and potentially commission a rate study based on the input of residents to determine if the cap would need to be raised.

Commissioner Diaz asked if members of the public could comment on this item. No member of the Commission objected.

Mayor McCann opened Public Input for Item 500.

John Sundman, Winter Springs noted that he had served on the previous ad hoc committee related to the assessment area and noted that some of the wall was on city property.

Ken Greenberg, Winter Springs – Winter Springs Community Association – noted his involvement on the previous ad hoc committee and shared concerns about a lack of maintenance that had been performed on the wall.

Mayor McCann closed Public Input for Item 500.

MOTION TO APPROVE ITEM 500 AS PRESENTED. [APPROVE RESOLUTION 2025-18 AUTHORIZING SUBMISSION OF THE CERTIFICATE TO NON-AD VALOREM ASSESSMENT ROLL, ASSESSMENT RATES, ASSESSMENT SUMMARY AND FY2025-2026 ANNUAL ASSESSMENT ROLL FOR THE TAX YEAR 2025 FOR TUSCAWILLA PHASE III ASSESSMENT AREA TO THE SEMINOLE COUNTY TAX COLLECTOR BY SEPTEMBER 15, 2025.] MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BRUCE.

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED: 3-2

PUBLIC INPUT
Mayor McCann opened Public Input.
No one addressed the Commission.
Mayor McCann closed Public Input.

ADJOURNMENT
Mayor McCann adjourned the meeting at 8:59 p.m.

RESPECTFULLY SUBMITTED:

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CHRISTIAN D. GOWAN, MPA, CMC
CITY CLERK

UNAPPROVED

APPROVED:

_____

MAYOR KEVIN McCANN

NOTE: These Minutes were approved at the *September 22, 2025* City Commission Regular Meeting.

UNAPPROVED

CONSENT AGENDA ITEM 307

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Approval of the Minutes: Monday, September 22, 2025 City Commission Regular Meeting

SUMMARY

FUNDING SOURCE

RECOMMENDATION

Staff recommends the City Commission review and approve the September 22, 2025 City Commission Regular Meeting Minutes as presented.

CITY COMMISSION
REGULAR MEETING MINUTES

UNAPPROVED

MONDAY, SEPTEMBER 22, 2025 AT 6:30 PM

CITY HALL – COMMISSION CHAMBERS
1126 EAST STATE ROAD 434, WINTER SPRINGS, FLORIDA

CALL TO ORDER
Mayor Kevin McCann called the Regular Meeting of Monday, September 22, 2025 of the City Commission to order at 6:32 p.m. in the Commission Chambers of the Municipal Building (City Hall, 1126 East State Road 434, Winter Springs, Florida 32708).

Roll Call:
Mayor Kevin McCann, present
Deputy Mayor Cade Resnick, present
Commissioner Paul Diaz, present
Commissioner Victoria Bruce, present
Commissioner Sarah Baker, present
Commissioner Mark Caruso, present
City Manager Kevin Sweet, present
City Attorney Anthony Garganese, present
City Clerk Christian Gowan, present

Pastor Bob Melhorn provided the invocation and then led the Pledge of Allegiance.

Mayor McCann asked if there were any agenda changes. No changes were noted and the agenda was adopted.

AWARDS AND PRESENTATIONS
100) Recognition of Senator Jason Brodeur for his Assistance and Support during the 2025 Legislative Session

Mayor McCann introduced Senator Jason Brodeur.

Senator Brodeur thanked the Commission for the opportunity to attend, noted the upcoming legislative session, and reviewed what was done in the 2025 session including appropriations for Seminole County and Winter Springs. Senator Brodeur highlighted the elimination of the business rent tax, clarification of sales tax holidays (hurricane preparedness tax holiday year-round, back to school tax holiday during the entire month of August, and a hunting, fishing, and camping sales tax holiday that was ongoing), and noted money put aside to pay down the state's debt.

Locally, Senator Brodeur highlighted appropriations to numerous Seminole County organizations focused on mental health, the Seminole County Sheriff's Office, and the Seminole State College nursing school. For Winter Springs, Senator Brodeur noted over $1 million in appropriations for a variety of projects including potable water tray aerator improvements, and the Michael Blake Boulevard reclaimed expansion. Finally, Senator Brodeur recommended looking for regional impacts in appropriations requests for the upcoming session.

INFORMATIONAL AGENDA
200) Not Used

PUBLIC INPUT
Mayor McCann opened Public Input.

Gina Shafer, Winter Springs asked that the Commission consider a Coffee with a Commissioner event and a mother and son event similar to the father daughter dance.

Mayor McCann closed Public Input.

UNAPPROVED

CONSENT AGENDA
300) Not Used

PUBLIC HEARINGS AGENDA
400) Final Millage Rate for Fiscal Year 2025-2026

Ms. Holly Queen, Director, Finance Department presented the item and noted Resolution 2025-19 would establish the Final Operating Millage Rate for Fiscal Year 2025-2026 for the City of Winter Springs at 2.6200 mills, 5.94% greater than the rolled back rate of 2.4730 mills.

Brief discussion followed where it was noted that this was considered a tax increase.

Mayor McCann opened the Public Hearing for Item 400
No one addressed the Commission.
Mayor McCann closed the Public Hearing for Item 400.

"**I MOVE TO ADOPT RESOLUTION 2025-19 ESTABLISHING THE FISCAL YEAR 2025-2026 OPERATING MILLAGE RATE FOR THE CITY OF WINTER SPRINGS AT 2.6200 MILLS AND PUBLICLY ANNOUNCE THAT THE FINAL OPERATING MILLAGE RATE OF 2.6200 MILLS IS 5.94% GREATER THAN THE COMPUTED ROLLED-BACK RATE OF 2.4730 MILLS." MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER. DISCUSSION.**

VOTE: BAKER (AYE); BRUCE (AYE); CARUSO (AYE); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED: 4-1

401) Final Budget for Fiscal Year 2025-2026

Ms. Queen introduced the item and noted the only change since the tentative budget hearing was the approved adjustment to the Tuscawilla Lighting and Beautification District fund following the Special Meeting of September 9, 2025.

Manager Sweet reviewed the budget process and discussed the time and effort put into the budget to maintain the current level of service. Manager Sweet thanked the budget team for their assistance.

Mayor McCann opened the Public Hearing for Item 401.
No one addressed the Commission.
Mayor McCann closed the Public Hearing for Item 401.

"I MOVE TO APPROVE RESOLUTION 2025-20, ESTABLISHING THE FINAL BUDGET FOR THE CITY OF WINTER SPRINGS FOR THE FISCAL YEAR COMMENCING ON OCTOBER 1, 2025 AND ENDING ON SEPTEMBER 30, 2026." MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER. DISCUSSION.

Commissioner Bruce noted a variety of expenses that she believed should be cut from the budget.[1]

VOTE: BAKER (AYE); BRUCE (NAY); CARUSO (NAY); DIAZ (NAY); RESNICK (AYE)
MOTION FAILED: 2-3

Discussion followed on the budget process and previous opportunities to express and address concerns, discussions with city staff, and options to review the noted expenditures at a later date while meeting statutory requirements to adopt a budget.

[1] A list of the identified expenditures is attached to the end of these minutes.

UNAPPROVED

Commissioner Bruce noted she believed the items in question were wish list items and thought the city should work to pay down debt interest payments.

Manager Sweet noted the restricted nature of several of the funds in question, discussed carry forward funds, and discussed the need for vehicle replacement to allow for crucial job functions to continue and services to be delivered. Manager Sweet noted there were no wish list items in the presented budget.

Discussion followed on the proposed purchase of two mowers as well as the arbor fund and planned expenditures for the Tuskawilla Crossings tree replacement.

"I'M GOING TO MAKE A MOTION TO CLAW BACK FOR THE 545270 REPAIR & MAINTENANCE GROUNDS TO NOT FUND THE TUSKAWILLA CROSSINGS REPLANTING OF THE LITTLE MAGNOLIA GEMS IN ADDITION TO INCLUDING ANY DEVELOPMENT SERVICES TO BE CROSSED OUT INCLUDING THE TROTWOOD LACROSSE WALL." MOTION BY COMMISSIONER BRUCE. MOTION DIED FOR LACK OF A SECOND.

Commissioner Diaz recommended a placeholder or set aside in the budget of $1 million which could then be discussed further at a future meeting. Discussion followed on other communities reducing their millage rates and differences in services provided.

"I MOVE TO APPROVE RESOLUTION 2025-20, ESTABLISHING THE FINAL BUDGET FOR THE CITY OF WINTER SPRINGS FOR THE FISCAL YEAR COMMENCING ON OCTOBER 1, 2025 AND ENDING ON SEPTEMBER 30, 2026." MOTION BY DEPUTY MAYOR RESNICK. SECONDED BY COMMISSIONER BAKER. DISCUSSION.

VOTE: BAKER (AYE); BRUCE (NAY); CARUSO (AYE); DIAZ (NAY); RESNICK (AYE)
MOTION CARRIED: 3-2

REGULAR AGENDA
500) Not Used

PUBLIC INPUT
Mayor McCann opened Public Input.

Gina Shafer, Winter Springs asked if the Michael Blake reclaimed project would include Winter Springs Village, urged the Commission to place trust in the city manager, and noted surprised that concerns about the budget were not brought forward previously.

Mayor McCann closed Public Input.

ADJOURNMENT
Mayor McCann adjourned the meeting at 7:32 p.m.

RESPECTFULLY SUBMITTED:

_____
CHRISTIAN D. GOWAN, MPA, CMC
CITY CLERK

UNAPPROVED

APPROVED:

_____

MAYOR KEVIN McCANN

NOTE: These Minutes were approved at the *October 13, 2025* City Commission Regular Meeting.

UNAPPROVED

Commissioner Bruce's Areas of Financial Spending Concern:

545270 R& M Grounds:

$25,089.00 22/23
$153,865.00 23/24
$457,600.00 24/25
$850,000.00 25/26

Governmental Funds: (Special Revenue Funds) Arbor #140:

$142,749.00 22/23
$370,575.00 23/24
$825,886.00 24/25
$923,286.00 25/26

Development Services Plans & Inspections #420:

Building Services Inspections Vehicle $35,000.00
Counter Remodel $125,000.00
Lobby Kiosk $200,000.00

Park Impact Fee Fund #153:

Trotwood Lacrosse Wall $100,000.00

Community Development:

60" Mower (2): $28,000.00
F250 4x4 (rebudget): $70,000.00

Parks & Rec:

Admin Car Replacement $35,000.00
Gators (2): $30,000.00
F150 rebudget: $50,000.00

Facilities Maintenance:

F150: $50,000.00

Other Capital:

Dump Truck: $90,000.00

PUBLIC HEARINGS AGENDA ITEM 400

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Wawa at Winter Springs Marketplace, SR 434 and Tuskawilla Road – Conditional Use Application, Site Plan/Final Engineering, Aesthetic Review, Waivers, and Development Agreement.

SUMMARY

The Community Development Department requests that the City Commission hold a Public Hearing to consider the Conditional Use Application, Site Plan/Final Engineering, Aesthetic Review, Waivers, and Development Agreement regarding the applicant's request to construct a convenient store and gas station in the Town Center District, T5 Transect.

FUNDING SOURCE

RECOMMENDATION

Staff recommends that the City Commission recommend denial of the Conditional Use Application, Site Plan /Final Engineering, and Development Agreement. The development plan does not meet Goal 2: Town Center of the Comprehensive Plan which states: which states: "The City seeks to create a Town Center based upon traditional design standards for development that will become the identifying focus of the City's downtown and contribute to an increased and diversified tax base for the City. The primary purpose of the Town Center shall be to create an economically successful, vibrant, aesthetic, compact, multimodal, diverse, mixed use (including horizontal and vertical integration of uses) neo-traditional urban environment, designed on a pedestrian scale and with a pedestrian orientation. The Town Center is to be a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center. The Town Center should be created through public and private investment and development," due to the following: The building placement is required to contain shallow setbacks or none, buildings oriented close to the street defining a street wall per Sec.20-320. Therefore, the convenient store placement is required to be oriented close to E. SR 434/Tuskawilla Road. Per Sec.20-325 the front setback is required to be 50 ft., and shall be the average of the front setback of the two developed lots abutting the lot. Therefore, the proposed convenient store setback of 182 ft. from E. SR 434 and 98 ft.

from Tuskawilla Rd. exceeds the required setback and the buildings along E. SR 434 in the Winter Springs Marketplace. There is no hardship present on the subject site to meet all the relevant standards for the Town Center to continue being a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center. However, in the event the project is recommended for approval, Staff recommends that it is contingent upon, and not effective until, the related Additional Parking project Site Plan/ Final Engineering application is approved. Further, Staff requests that the City Commission recommend approval of the Aesthetic Review with no conditions, and the Site Plan/Final Engineering subject to the following condition: Prior to the issuance of a site work permit and start of construction, an approved Maintenance of Traffic (MOT) permit is required. With regard to Waivers, Staff requests that the City Commission recommend denial of Waiver I, but approval of Waiver III with no conditions and approval of Waiver II, subject to the following condition: One (1) ground monument sign to be located at the intersection of SR 434 and Tuskawilla Road.

PUBLIC HEARINGS AGENDA ITEM

CITY COMMISSION
MONDAY, OCTOBER 13, 2025
REGULAR MEETING

TITLE

Wawa at Winter Springs Marketplace, 164 Tuskawilla Road – Conditional Use Application, Site Plan/Final Engineering, Aesthetic Review, Waivers, and Development Agreement.

SUMMARY

The Community Development Department requests that the City Commission hold a Public Hearing to consider the Conditional Use Application, Site Plan/Final Engineering, Aesthetic Review, Waivers, and Development Agreement regarding the applicant's request to construct a convenience store and gas station in the Town Center District, T5 Transect.

General Information			
Applicant	Cory Stitler \ Kimley-Horn and Associates, Inc.		
Property Owner(s)	Tuskawilla Property Investors, LLC		
Location	164 Tuskawilla Road, Winter Springs, FL 32708		
Tract Size	±1.22 Acres		
Parcel ID Number	36-20-30-502-0000-0090		
Zoning Designation	Town Center District, T-5 Transect		
FLUM Designation	Town Center District		
Adjacent Land Use	North: State Road 434 East: Tuskawilla Road	South: Aldi's West: Fifth Third Bank	
Height	33'4", 1 story (convenience store), 25'2" (gas canopy)		
Setbacks	Front: 25 ft, minimum, 50 ft. maximum	Rear: 15 ft. minimum	Side: 5 ft. minimum, 100 ft. maximum
Development Standards	Lot Coverage 100%		
Development Permits	Not applicable		
Development Agreement	Development Agreement | Pending		

Code Enforcement	Not applicable
City Liens	Not applicable

Background Data:

The development site consists of one lot, Resulting Trust Property Parcel #2 in accordance with the original Winter Springs Marketplace Development and Property Division Agreement, totaling 1.22 acres, having been subdivided from an 8.27 gross acre lot. The development site is located at the southwest corner of S.R. 434 and Tuskawilla Road within the Winter Springs Marketplace. The applicant is proposing a Wawa gas station/convenience store, which is permitted as a conditional use per the recent adoption of Ordinance No. 2025-09 in May of 2025. "Corner stores or neighborhood convenience store with gas pumps" is a conditional use in the Town Center District, Transect 5 (T5). The applicant is proposing a 4,736 sf convenience store and 5,903 sf gas canopy that contains 6 main pump stations with a cumulative of 12 gas dispensers. The Planning and Zoning Board (P&Z) held a meeting on Thursday, August 7, 2025 at 5:30 p.m. and considered this request (Agenda Item 401) and continued this agenda item to a date certain of Thursday, September 11, 2025 at 5:30 p.m. in the City Commission Chambers. The P&Z Board unanimously recommended denial of the Conditional Use Application, Site Plan /Final Engineering, and Development Agreement. However, recommended approval of the Aesthetic Review. With regard to Waivers, the P&Z Board recommended denial of WAIV-2025-0015 (setbacks), but approval of WAIV-2025-0014 (streetscape) with no conditions and WAIV-2025-0011 (signs) with one condition. Upon receipt of the Planning and Zoning Board's recommendation, the City Commission shall make a final decision on the application, to approve, approve with conditions, or deny the project within the Town Center district.

A "corner store or neighborhood convenience store with gas pumps" is permitted as a conditional use in the T5 Transect, with the following conditions:

> (1) Notwithstanding Section 20-418 of the City Code regarding gasoline stations, a conditional use may be approved by the City Commission for an expanded neighborhood convenience store. The store must be between 4,000 to 5,000 square feet and primarily offer traditional convenience store items, including dairy, bakery, tobacco, beverages, grocery, health and beauty aids, newspapers and magazines, lottery sales as may be approved by the State, and confectionery. Additionally, it must feature expanded grocery products, fresh fruits and vegetables, significant fast or prepared food operations and seating, coffee bars or kiosks, and gasoline sales with no more than twelve (12) fueling positions. The store must also be located at the corner of an arterial road intersection.

Public Notice

Notices were mailed to all owners of real property adjacent to and within approximately five hundred (500) feet of the subject property and all Homeowner's Associations on file with the City of Winter Springs on August 18, 2025.

A Community Workshop was held on June 30, 2025 at 6:00 PM at The Foundry Church. There were several concerns related to pedestrian safety and placement

of the convenience store building and traffic impacts raised at the Community Workshop, but no objections regarding the proposed development. Please see “Figure 1” Community Workshop Flyer and “Figure 2” Community Workshop Attendance.

As stated above, the Planning and Zoning Board (P&Z) previously held a meeting on Thursday, August 7, 2025 at 5:30 p.m. and considered this request (Agenda Item 401) and continued this agenda item to a date certain of Thursday, September 11, 2025 at 5:30 p.m. in the City Commission Chambers.

Analysis of Final Engineering Plans (Sec. 20-33.1) and Conditional Use (Sec. 20-33) Criteria:

The criteria for Final Engineering Plans are provided and analyzed below, along with all conditional use recommendations and final decisions shall be based on the following criteria to the extent applicable:

(a) Site and final engineering plans and the subdivision of land shall also be subject to the technical requirements set forth in Chapter 9 of the City Code. It is the intent of this section to apply to applications for site and final engineering plans and to any subdivision of land requiring a plat, if applicable, and does not include review and approval of a lot split application.

Please see the discussion below regarding technical requirements of Chapter 9. The Final Engineering Plans have been reviewed by the City’s contract engineer, who concluded that the Plans satisfy the technical requirements provided the conditions of approval set forth below are met.

(b) Except in situations involving one (1) single-family home, the Planning and Zoning Board shall be required to review all site and final engineering plan and subdivision of land applications and make a written recommendation to the city commission. Such recommendation shall include the reasons for the Board's recommendation and show the board has considered the applicable criteria set forth in this section.

(c) Upon receipt of the planning and zoning board's recommendation, the city commission shall make a final decision on the application. If the city commission determines that the planning and zoning board has not made a recommendation on an application within a reasonable period of time, the city commission may, at its discretion, consider an application without the planning and zoning board's recommendation.

Except in situations involving one (1) single-family home, all site and final engineering plan and subdivision recommendations and final decisions shall be based on whether the site and final engineering plan and subdivision of land comply with all the technical requirements set forth in chapter 9 of the City Code and the following criteria to the extent applicable:

(1) Whether the applicant has demonstrated the conditional use/final engineering plan, including its proposed density, height, scale and intensity, hours of operation, building and lighting design, setbacks, buffers, noise, refuse, odor, particulates, smoke, fumes and other emissions, parking and traffic-generating characteristics, number of persons anticipated using, residing or working under the conditional use, and other off-site impacts, is compatible and harmonious with adjacent land uses, and will not adversely impact land use activities in the immediate vicinity.

Analysis: Staff have found that the applicant's proposed convenience store/gas station has not demonstrated the requirements of the Code. The proposed gas station use will operate twenty-four (24) hours a day for seven (7) days a week and has sufficient landscape buffers to be aesthetically pleasing. A Traffic Impact Analysis (TIA) has been reviewed by City Staff and City consultants. Pegasus Engineering, the City's consultant reviewing the TIA, recommended the installation of an auxiliary southbound right-turn lane on Tuskawilla Road into the Marketplace due to the projected southbound right turn volume for the Tuskawilla access driveway. Rather than construct the auxiliary southbound right-turn lane on Tuskawilla Road, the applicant is proposing to increase the northern curb radius to 35 ft. as an alternative due to the site constraints. Pegasus Engineering has confirmed that they consider this to be an acceptable alternative.

Based on 693 daily trips generated, the Wawa project will be required to provide 1 mobility credit to Comply with Comprehensive Plan requirements. The applicant is providing the SR 434 and Tuskawilla Road streetscape (subject to the waiver below) and provides ample buffers and screening. Convenient bicycle and pedestrian access is achieved by the placement of two (2) bike racks that each contain five (5) bikes on the north side of the building and sidewalk ramp with handrails mounted in concrete sidewalks on Tuskawilla Road connect to interior sidewalks with crosswalk connections to store front sidewalk. Although, there is a lack of a pedestrian route to the store front from SR 434. These activities satisfy three (3) mobility credits, exceeding the required 1.

However, no changes to the site layout have been made by the applicant since the August 7th P&Z initial hearing. Accordingly, the development plan does not provide safe pedestrian access, in particular to students, and block noise, odor, and other emissions due to the convenience store proposed location not oriented close to SR 434, and the lack of a safe pedestrian travel route from SR 434 to the proposed convenience store location. The use is not compatible and harmonious with adjacent land uses as the development plan could potentially adversely impact land use activated in the immediate vicinity since the proposed layout contains a front setback of 182 ft. from SR 434 and 98 ft. from Tuskawilla Road, where 50 ft. is required per Sec.20-3254. This setback request is inconsistent with the rest of the Winter Springs Marketplace development, which has building setbacks of 60 ft.

As described further herein, the design of the project with the 182-foot proposed building setback is not consistent with the intent of the Winter Springs Town Center, as described in the City's Comprehensive Plan and Zoning Code. GOAL 2 of the Future Land Use Element of the Comprehensive Plan provides:

"The City seeks to create a Town Center based upon traditional design standards for development that will become the identifying focus of the City's downtown and contribute to an increased and diversified tax base for the City. The primary purpose of the Town Center shall be to create an economically successful, vibrant, aesthetic, compact, multimodal, diverse, mixed use (including horizontal and vertical integration of uses) **neo-traditional urban environment, designed on a pedestrian scale and with a pedestrian orientation**. The Town Center is to be a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center. The Town Center should be created through public and private investment and development." The setbacks proposed are not consistent with this Goal of creating a pedestrian-centered Town Center to recreate and gather.

In addition, Objective 2.2 and Policy 2.2.1 of the Future Land Use Element provides:

Objective 2.2: Neo-traditional. Promote and enhance the development of the Town Center by allowing a mixed use higher density/intensity neo-traditional urban pattern.

Policy 2.2.1: Neo-Traditional Characteristics. Encourage a mixed use higher density/intensity neo-traditional Town Center, utilizing, to the extent practical, the fundamentals and urban design concepts in the Town Center Master Plan:

- Urban and high density
- **Walkable community**
- **Predictability in design/flexibility in land uses.**
- **Visibly different section of S.R. 434**
- Important sites for special public places
- "Green network" of parks and preserved open spaces
- Connected network of streets and blocks
- Special public spaces of defined character
- Special sites for civic buildings
- Pedestrian sized blocks
- Non-gated developments

The setbacks proposed and placement of the corner store does not contribute to a walkable community and does not follow the development patterns of the rest of the Town Center on SR 434, with buildings close to the street to create a "visibly different section of SR 434."

At the Planning and Zoning Board meeting held on Thursday, August 7, 2025, the Board requested that the applicant consider the following items staff previously identified as deficient and make corresponding changes to the application:

1. The building placement is required to contain shallow setbacks or none, buildings oriented close to the street defining a street wall per Sec.20-320. Therefore, the convenience store placement is required to be oriented close to E. SR 434/Tuskawilla Road.
2. Per Sec.20-325 the front setback is required to be 50 ft., and shall be the average of the front setback of the two developed lots abutting the lot. Therefore, the proposed convenience store setback of 182 ft. from E. SR 434 and 98 ft. from Tuskawilla Rd. far exceeds the required setback and the buildings along E. SR 434 in the Winter Springs Marketplace.
3. Per Sec.20-325 the rear setback is required to be 15 ft., and the proposed convenience store is zero feet from the rear.
4. The proposed design and color of the proposed building and gas canopy are not consistent with the Winter Springs Marketplace; therefore, not compatible with the immediate surrounding area of the Town Center.
5. Single-tenant monument signs are required to be consistent in materials with the architecture of the proposed building per Sec.16-82(2)(e) and are discouraged in the Town Center.
6. The Traffic Impact Analysis is required to determine the impact on and adherence to the Town Center goals per the Comprehensive Plan and Land Development Code. However, as of the date of this report, the transportation review has not been addressed.
7. There is no hardship present on the subject site to meet all the relevant standards for the Town Center to continue being a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center.
8. It is not consistent with the use of a “corner store” or neighborhood convenience store to have the building placed 182 feet behind the corner.

The applicant resubmitted on August 29, 2025 with changes made only to the Aesthetic Review application. As stated above, the applicant also has committed to widen the driveway entrance to the Marketplace on Tuskawilla Road as an alternative to the right auxiliary turn lane recommended by the City’s traffic consultant, Pegasus Engineering. Otherwise, the applications remain unchanged. The site plan/final engineering plans continue to reflect that convenience store shall remain in the originally proposed location.

On second review, the required 15 ft. rear setback is being met since the convenience store is proposed to be 19 ft. from the rear property line. Additionally, the applicant proposed an adjustment to the color scheme and materials for the building and gas canopy that are consistent with the existing buildings in the Winter Springs Marketplace. Due to the proposed color scheme and material change, the proposed single-tenant monument signs are consistent in materials with the architecture of the proposed building.

Please see “Figure 3” Preliminary Requirements and “Figure 4” Applicant Response to Preliminary Requirements.

Accordingly, staff comments #1, 2, 7 and 8 remain unaddressed. Staff further notes that the applicant has submitted a written response to these comments, dated August 29, 2025, asserting that the maximum front setback is not significantly exceeded because the gas canopy provides the "street wall" feel the Code is intending and "the gas canopy is larger than the principal building." By the applicant's own admission, the principal building on the site is the convenience store building and not the gas canopy. Section 20-1 of the City Code defines principal buildings as follows: "*Principal building*. The building or structure of chief importance or function on a parcel or lot. In general, the primary use of the lot is carried out in the principal building." As explained at the August 7th P&Z hearing, the primary use that is permitted as a conditional use in the Town Center is a "corner store or neighborhood convenience store *with* gas pumps." The gas pumps are not intended to be the primary use on the site. Accordingly, the "principal building setbacks" established in Section 20-325 of the City Code for the T5 Transect remain unmet.

(2) Whether the applicant has demonstrated the size and shape of the site, the proposed access and internal circulation, and the design enhancements to be adequate to accommodate the proposed density, scale and intensity of the conditional use requested. The site shall be of sufficient size to accommodate design amenities such as screening, buffers, landscaping, open space, off-street parking, safe and convenient automobile, bicycle, and pedestrian mobility at the site, and other similar site plan improvements needed to mitigate against potential adverse impacts of the proposed use.

Analysis: Staff have found that the applicant demonstrated the size and shape of the site, access and internal circulation, and the design enhancements to be adequate to accommodate the proposed gas station/convenience store use. The site is able to accommodate the 4,736 sf convenience store and 5,903 sf gas canopy, landscape buffering and screening, off-street parking, and other improvements that will mitigate any adverse impacts of the day care use. However, the proposed site development could be designed in a manner to meet Town Center standards, and be harmonious with the Winter Springs Marketplace. There is no reason that the applicant cannot comply with the Town Center setbacks and alter the proposed layout of the building and gas canopy. There is adequate space to comply with City Code standards.

A Traffic Impact Analysis (TIA) has been reviewed by the City following the August 7th P&Z hearing. The City's traffic consultant recommended the installation of an auxiliary southbound right-turn lane on Tuskawilla Road due to the projected southbound right turn volume for the Tuskawilla access driveway, which the applicant is proposing to increase the northern curb radius to 35 ft. as an alternative due to the site constraints.

(3) Whether the proposed use will have an adverse impact on the local economy, including governmental fiscal impact, employment, and property values.

Analysis: Staff have found that the proposed gas station/convenience store use will have a beneficial impact on the local economy, providing additional gas station options to local residents and workers, while also providing employment at the facility. Staff find that these impacts will improve property values by continuing to make Town Center a desirable place to live and work.

(4) Whether the proposed use will have an adverse impact on the natural environment, including air, water, and noise pollution, vegetation and wildlife, open space, noxious and desirable vegetation, and flood hazards.

Analysis: Staff have found that the proposed use will have no adverse impact on the natural environment.

(5) Whether the proposed use will have an adverse impact on historic, scenic, and cultural resources, including views and vistas, and loss or degradation of cultural and historic resources.

Analysis: Staff have found that the proposed aesthetics of the Wawa building will not have an adverse impact on views and vistas due to the proposed color scheme and materials change being harmonious with the Winter Springs Marketplace. However, the required maximum setback continues to be significantly exceeded, which does not satisfy the Comprehensive Plan policies that demand the Town Center properties be "visibly different" or distinctive on SR 434.

(6) Whether the proposed use will have an adverse impact on public services, including water, sewer, stormwater and surface water management, police, fire, parks and recreation, streets, public transportation, marina and waterways, and bicycle and pedestrian facilities.

Analysis: A Traffic Impact Analysis (TIA) has since been reviewed by the City (Figure "9"), and the City's consultant recommended the installation of an auxiliary southbound right-turn lane on Tuskawilla Road due to the projected southbound right turn volume for the Tuskawilla access driveway, which the applicant is proposing to increase the northern curb radius to 35 ft. as an alternative due to the site constraints. Based on 693 daily trips generated, the Wawa project will be required to provide 1 mobility credit to Comply with Comprehensive Plan requirements. The applicant is providing the SR 434 and Tuskawilla Road streetscape (subject to the waiver below) and provides ample buffers and screening. Convenient bicycle and pedestrian access is achieved by the placement of two (2) bike racks that each contain five (5) bikes on the north side of the building and sidewalk ramp with handrails mounted in concrete sidewalks on Tuskawilla Road connect to interior sidewalks with crosswalk connections to store front sidewalk. Although, there is a lack of a pedestrian route to the store front from SR 434. These activities satisfy three (3) mobility credits, exceeding the required 1.

However, the proposed use will have no adverse impacts on other related public services.

(7) Whether the traffic report and plan provided by the applicant details safe and efficient means of ingress and egress into and out of the neighborhood and adequately addresses the impact of projected traffic on the immediate neighborhood, traffic circulation pattern for the neighborhood, and traffic flow through immediate intersections and arterials.

Analysis: A Traffic Impact Analysis (TIA) has since been reviewed by the City, and the City's consultant recommended the installation of an auxiliary southbound right-turn lane on Tuskawilla Road due to the projected southbound right turn volume for the Tuskawilla access driveway, which the applicant is proposing to increase the northern curb radius to 35 ft. as an alternative due to the site constraints.

(8) Whether the proposed use will have an adverse impact on housing and social conditions, including variety of housing unit types and prices, and neighborhood quality.

Analysis: Staff have found that the proposed use is not anticipated to have an adverse impact on housing and social conditions, as the proposed uses includes a gas station and convenience store. However, the proper development layout could contribute to safety concerns for the current social conditions within the Town Center.

(9) Whether the proposed use avoids significant adverse odor, emission, noise, glare, and vibration impacts on adjacent and surrounding lands regarding refuse collection, service delivery, parking and loading, signs, lighting, and other sire elements.

Analysis: Staff have found that the proposed use does not avoid significant adverse impacts on the parcel and the surrounding neighborhood since the proposed location of the gas canopy is oriented close to SR 434 and the convenience store is proposed to be 182' from SR 434.

(10) Whether the applicant has provided an acceptable security plan for the proposed establishment that addresses the safety and security needs of the establishment and its users and employees and minimizes impacts on the neighborhood, if applicable.

Analysis: Staff have found that the applicant has indicated that security systems will be installed for all on-site buildings with the development. The lighting provided illustrates that on-site area will be lit after dark.

(11) Whether the applicant has provided an acceptable plan for the mass delivery of merchandise for new large footprint buildings (greater than twenty thousand (20,000) square feet) including the hours of operation for delivery trucks to come into and exit the property and surrounding neighborhood, if applicable.

Analysis: All proposed buildings are less than 20,000 SF.

(12) Whether the applicant has demonstrated that the conditional use and associated site plan have been designed to incorporate mitigative techniques and plans needed to prevent adverse impacts addressed in the criteria stated herein or to adjacent and surrounding uses and properties.
Analysis: Staff have found that the proposed gas station/convenience store use will utilize mitigative techniques including walls, landscape buffers, and more to reduce and prevent adverse impacts on adjacent and surrounding properties. However, in staff's view, these mitigative techniques are not sufficient to overcome the overall lack of compliance with Town Center Code with regard to building placement.

(13) If the proposed conditional use is a residential use, whether the elementary, middle and high schools (K—12) that will be initially assigned to the residential project by the school district at the time the city commission considers final approval of the conditional use have both sufficient capacity, are in close proximity to the project so as to make each of the assigned schools accessible and convenience (e.g., walking distance, travel time, private and public transportation, and quality of route environment) to the majority of the school population that will be drawn from the project, and promote and support the integration of future residents of the project into the existing city of Winter Springs community in a sustainable manner.

Analysis: The proposed use is not a residential use.

(14) Whether the applicant has agreed to execute a binding development agreement required by city to incorporate the terms and conditions of approval deemed necessary by the city commission including, but not limited to, any mitigative techniques and plans required by City Code.

Analysis: The applicant has agreed to and is working on a binding development agreement with the City addressing terms and conditions deemed necessary by the City Commission.

Water and Sewer: Public Works & Utilities Department Staff have confirmed that sufficient water and sewer capacity exists for this project.

Stormwater:
Not applicable for this project as no drainage was proposed for this project. The infrastructure included for the development will tie into the existing stormwater pond. That stormwater system will be private and subject to the Declaration of Conditions, Covenants, Easements, and Restrictions as recorded in the Official Records of Seminole County (ORSC), Book 8871, Page 98, as amended by the First Amendment to the same, as recorded in ORSC, Book 8964, Page 1579. These documents govern the maintenance and cost allocations among properties in the Town Center.

Transportation:
A Traffic Impact Analysis (TIA) has since been reviewed by the City and recommended the installation of an auxiliary southbound right-turn lane on Tuskawilla Road due to the projected southbound right turn volume for the Tuskawilla access driveway, which the applicant is proposing to increase the northern curb radius to 35 ft. as an alternative due to the site constraints.

Parking:
The Town Center does not have minimum required parking standards, however, the applicant provided documentation (Figure 10) that Wawa will offer a total of fifty (50) spaces of which ten (10) are off-site for employee parking within the Winter Springs Marketplace under a separate permit.

Aesthetic Review:

Pursuant to Section 9-603, which sets forth guidelines and minimum standards for Aesthetic Review packages, staff have utilized the criteria below in Section 9-603 to determine the following. The attached Aesthetic Review package (Figures 11, 12, and 18) includes all of the submittal requirements for aesthetic review as set forth in Section 9-600 through 9-607 and include the following: (a) a site plan; (b) elevations illustration all sides of structures facing public streets or spaces; (c) illustrations of all walls, fences, and other accessory structures and the indication of height and their associated materials; (d) elevation of proposed exterior permanent signs or other constructed elements other than habitable space, if any; (e) illustrations of materials, texture, and colors to be used on all buildings, accessory structures, exterior signs; and (f) other architectural and engineering data as may be required. The procedures for review and approval are set forth in Section 9-603.

Aesthetic Review	
1.	The plans and specifications of the proposed project indicate that the setting, landscaping, proportions, materials, colors, texture, scale, unity, balance, rhythm, contrast, and simplicity are coordinated in a harmonious manner relevant to the project, surrounding area and cultural character of the community. **Analysis:** Staff finds that subject to the approval of the physical landscaping/streetscaping within the area 22-foot area depicted within the streetscape waiver request, landscaping elements are coordinated in a harmonious manner relevant to the particular proposal, the surrounding area, and cultural character of the community. However, the proposed color scheme and materials change being harmonious with the Winter Springs Marketplace are consistent with the surrounding area and cultural character of the community.
2.	The plans for the proposed project are in harmony with any future development which has been formally approved by the city within the surrounding area.

	Analysis: Staff finds that the plans for the proposed project are not in harmony with the Town Center District Code.
3.	The plans for the proposed project are not excessively similar or dissimilar to any other building, structure or sign which is either fully constructed, permitted but not fully constructed, or included on the same permit application, and facing upon the same or intersecting street within five hundred (500) feet of the proposed site, with respect to one or more of the following features of exterior design and appearance: a. Front or side elevations; b. Size and arrangement of elevation facing the street, including reverse arrangement; or c. Other significant features of design such as, but not limited to materials, roof line, hardscape improvements, and height or design elements. **Analysis:** The plans for this project are not excessively similar or dissimilar to other projects within 500 feet of the proposed project with the proposed color scheme and materials change being harmonious with the buildings located within Winter Springs Marketplace.
4.	The plans for the proposed project are in harmony with, or significantly enhance, the established character of other buildings, structures or signs in the surrounding area with respect to architectural specifications and design features deemed significant based upon commonly accepted architectural principles of the local community. **Analysis:** As previously mentioned, the project has been reviewed under the Town Center District Code standards, ensuring conformance with the high standard of development for Town Center. The streetscape design has a waiver from the width requirements of Town Center standards that staff approved, and with the proposed color scheme and materials changes, Staff does find the exterior design and color to enhance the aesthetic impact of the project as compatible with other developments along SR 434 and Tuskawilla Road.
5.	The proposed project has incorporated significant architectural enhancements such as concrete masonry units with stucco, wrought iron, columns and piers, porches, arches, planting areas, display windows, and other distinctive design features detailing and promoting the character of the community. **Analysis:** The project significantly meets the standards, with the building's primary exterior consisting of stucco, hardie plank fiber cement lap siding, and stone veneer with the signature bright red for the Wawa's sign on the front façade of the convenience store. The rear façade facing the parking area for the Winter Springs Marketplace does not include the sign. The proposed exterior color scheme and material changes are consistent with

	the Town Center's character of the community since the colors are similar to the buildings within Winter Springs Marketplace.

Reports:

The Final Engineering submittal is required to include the following reports or updates of previously prepared reports for the same property.

Reports	
July 14, 2020	Drainage Report (Figure 25)
July 28, 2020	Potable Water Analysis (Figure 26)
August 4, 2020	Listed Wildlife Species Survey (Figure 27)
December 15, 2020	Preliminary Geotechnical Report (Figure 28)
December 6. 2024	Parking Analysis (Figure 10)
December 2024	Traffic Impact Analysis (Figure 29)
August 15, 2025	Traffic Impact Analysis Review (Figure 4)

Procedural History:	
May 6, 2025	Pre-Application Meeting
June 30, 2025	Community Workshop
August 7, 2025	Planning & Zoning Board | Recommendation on Conditional Use Application, Site Plan /Final Engineering, Aesthetic Review, Waivers, and Development Agreement. (Continued to date certain of September 11, 2025 at 5:30 p.m. in the City Commission Chambers)
September 11, 2025	Planning & Zoning Board | Recommendation on Conditional Use Application, Site Plan /Final Engineering, Aesthetic Review, Waivers, and Development Agreement.
October 13, 2025	City Commission | Hearing on Conditional Use Application, Site Plan/ Final Engineering, Aesthetic Review, Waivers, and Development Agreement.

Waiver Review: Pursuant to Section 20-34, Any real property owner may file a waiver application requesting a waiver(s) for their real property from any term and condition of this chapter (except from the list of permitted, conditional and prohibited uses set forth in any zoning district category). The Planning and Zoning Board shall be required to review all waiver applications and make a written recommendation to the City Commission. Such recommendation shall include the reasons for the board's recommendation and show the board has considered the applicable waiver criteria set forth and analyzed below. Upon receipt of the Planning and Zoning board's recommendation, the city commission shall make a final decision on the application. If the city commission determines that the planning and zoning board has not made a recommendation on an application within a reasonable period, the city commission may, at its discretion, consider an application without the planning and zoning board's recommendation.

Waiver I: A waiver to allow Wawa to be located at a setback of 182' from the right-of-way of SR 434 and 98' from the right-of-way of Tuskawilla Road in lieu of the 50' maximum front setback. The required 15'minium rear setback is met since the convenience store is proposed to be 19' from the rear property line; therefore, is removed from the waiver request.

Waiver Review	
1.	The applicant clearly demonstrates that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development. **Analysis:** Staff find that the applicant has not demonstrated that the 50' setback requirement creates an impractical result in that meeting the standards would not prevent the lot to meet other requirements related to the proposed property and development.
2.	The proposed development plan is in substantial compliance with this chapter and in compliance with the comprehensive plan. **Analysis:** Staff find that the proposed setback adjustment is not compliant with the Town Center setback standards as it requires a building closer to the street and the proposed setbacks are not in compliance with the comprehensive plan.
3.	The proposed development plan will significantly enhance real property. **Analysis:** Staff find that the proposed site plan will significantly enhance the real property by providing an additional gas station option that includes a convenience store service which will enhance the value of surrounding property and provide families who live and work near Town Center.
4.	The proposed development plan serves the public health, safety, and welfare.

	Analysis: Staff find that the construction of Wawa will serve the public health, safety, and welfare of area residents.
5.	The waiver will not diminish property values in or alter the essential character of the surrounding neighborhood. **Analysis:** Staff find that the waiver will not diminish property values or the essential character of the surrounding neighborhood. The Town Center is meant to be a mixed-use of commercial and residential to serve residents and visitors. The construction of Wawa will enhance property values and the essential character by increasing convenience store/gas station options in Town Center.
6.	The waiver granted is the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under this chapter. **Analysis:** Staff find that the waiver is not the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under this chapter. The design does meet the associated requirements of the use while still meeting the intent of the ordinance.
7.	The proposed development plan is compatible and harmonious with the surrounding neighborhood. **Analysis:** Staff find that the site plan is not compatible with the with the Town Center since it exceeds the required setback and the buildings along SR 434 in the Winter Springs Marketplace.
8.	Whether the applicant has agreed to execute a binding development agreement required by the city to incorporate the terms and conditions of approval deemed necessary by the city commission including, but not limited to, any mitigative techniques and plans required by City Code. **Analysis:** The Applicant is working on and has agreed to a binding Development Agreement to incorporate terms and conditions deemed necessary by the City Commission.

Waiver II: A waiver to the requirement of the Town Center District Code, Sec. 20-327.1 to allow for two monument signs for the project. The signs will be identical, with one located at S.R. 434/Tuskawilla Road intersection and the second being located at the existing driveway of the Winter Springs Marketplace on Tuskawilla Road. The requested waiver to the requirement of the single-tenant monument signs, Sec.16-82 to allow the materials to be inconsistent with the architecture of the proposed building is being removed due to the applicant proposing to change the color scheme and materials of the building that is consistent with the proposed signs.

Waiver Review

1.	The applicant clearly demonstrates that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development. **Analysis:** Staff finds that although not permitted by right in the Town Center District, monument signs are a reasonable standard for drivers to note the location of a business. However, the Winter Springs Marketplace already contains four (4) multiple tenant ground monument signs. In fact, the First Modification to the Development and Property Division Agreement for the Winter Springs Marketplace, dated January 30, 2023, which was executed at the time the Fifth-Third Bank's plan approval stated: Section 5.1 – "The waiver from Winter Springs City Code, Sec. 20-327.1(a), to allow an additional monument-style ground sign on the Trust Property shall be a multi-tenant ground sign that will serve the tenants of both the Resulting Trust Property Parcel #1 and #2. **No further monument signs will be permitted on the Trust Property's SR 434 frontage**." City staff is recommending approval of one additional monument sign to display gasoline prices in accordance with state law. Therefore, one (1) single-tenant ground sign located at the intersection of SR434 and Tuskawilla would be sufficient for the proposed development**.** Staff has proposed that the Second Modification to the Development Agreement allow only one additional monument sign for gas station pricing signage at the corner of Tuskawilla and SR 434. However, staff finds that the applicant has demonstrated the monument signs material to be consistent with the proposed building requirement.
2.	The proposed development plan is in substantial compliance with this chapter and in compliance with the comprehensive plan. **Analysis:** Staff has reviewed the proposed signs for conformance with the regulations for monument signs for single-tenant businesses under Code Sec. 16-82 (2) and other applicable requirements of Chapter 16, Signs and Advertising. Staff also find them not to be in compliance with the Comprehensive Plan.
3.	The proposed development plan will significantly enhance the real property. **Analysis:** Staff finds that the proposed monument signs will not enhance the value of the subject property, since there are four (4) existing monument signs within the Winter Springs Marketplace; therefore, detracting from the enhancement of the property.
4.	The proposed development plan serves the public health, safety, and welfare. **Analysis:** Staff finds that the plan does not service the public health, safety, and welfare. The addition of 2 monument signs could decrease traffic safety, while degrading the aesthetics of the Town Center since there are four (4)

	existing monument signs within the Winter Springs Marketplace. It is noted that there is already one monument sign at the driveway entrance to the Marketplace on Tuskawilla. The proposal to place an additional monument sign at the same driveway entrance will create excessive visual clutter and blight. It is possible for the applicant to work with existing tenants to modify the existing monument sign at the Tuskawilla driveway if deemed desirable by the applicant.
5.	The waiver will not diminish property values in or alter the essential character of the surrounding neighborhood. **Analysis:** Staff find that the waiver will not diminish property values or the essential character of the surrounding neighborhood. The Town Center is meant to be a mixed-use of commercial and residential to serve residents and visitors. The construction of Wawa will enhance property values and the essential character by increasing convenience store with a gas station option in the Town Center.
6.	The waiver granted is the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under this chapter. **Analysis:** Staff finds that the waiver will diminish property values in or alter the essential character of the surrounding neighborhood. Further, it will diminish the high-quality development existing in the Town Center, especially Winter Springs Marketplace.
7.	The proposed development plan is compatible and harmonious with the surrounding neighborhood. **Analysis:** Staff finds that the proposed monument plan is not compatible and harmonious with the surrounding neighborhood due to the request is for two (2) ground monument signs within a retail complex that contains four (4) multiple-tenant signs.
8.	Whether the applicant has agreed to execute a binding development agreement required by the city to incorporate the terms and conditions of approval deemed necessary by the city commission including, but not limited to, any mitigative techniques and plans required by City Code. **Analysis:** The Applicant is working on and has agreed to a binding Development Agreement to incorporate terms and conditions deemed necessary by the City Commission.

Waiver III: A waiver to allow variations in the streetscape width requirements for Wawa, consisting of a 12' landscape and treescape area, a 6' sidewalk, and a 4' landscape area located near the existing access driveway from the Tuskawilla Road right-of-way.

Waiver Review

1.	The applicant clearly demonstrates that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development. **Analysis:** Staff find that the applicant clearly demonstrates that the applicable conditions create an illogical, impossible, impractical, or patently unreasonable result related to the Town Center streetscape requirements due to Tuskawilla Road containing an insufficient right-of-way at the southern end. Additionally, maintaining the existing dimensions would be in keeping with adjacent parcels.
2.	The proposed development plan is in substantial compliance with this chapter and in compliance with the comprehensive plan. **Analysis:** Staff find that the variations in the streetscape section widths are substantially compliant with the Code requirements and the desired goals for the Town Center as described in the Comprehensive Plan. The streetscape maintains the 27' overall width as required by the ordinance while adjusting the sections at Tuskawilla Road existing access driveway to be harmonious with the streetscapes on adjacent parcels.
3.	The proposed development plan will significantly enhance the real property. **Analysis:** Staff find that the proposed variations on the streetscape will significantly enhance the real property by enhancing the overall appearance of the streetscape. The applicant is proposing a number of canopy trees and shrubs that will improve the aesthetic value of the property.
4.	The proposed development plan serves the public health, safety, and welfare. **Analysis:** Staff find that the plan services the public health, safety, and welfare. The proposed streetscape will increase the quality of life for residents and visitors by maintaining the current path and providing a more aesthetically pleasing walkway.
5.	The waiver will not diminish property values in or alter the essential character of the surrounding neighborhood. **Analysis:** Staff find that the waiver will not diminish property values or the essential character of the surrounding neighborhood. The Town Center is meant to be a mixed-use of commercial and residential to serve residents and visitors.
6.	The waiver granted is the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under this chapter. **Analysis:** Staff find that this waiver eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable conditions by keeping the current landscape and sidewalk widths so as to be harmonious with the existing streetscape on adjacent

	parcels. The total required width of the streetscape as required by the Code will be unaffected.
7.	The proposed development plan is compatible and harmonious with the surrounding neighborhood. **Analysis:** Staff find that the proposed development plan is compatible and harmonious with the surrounding neighborhood. While the widths of each section as proposed are not within the Code, they are compatible with the streetscape for the adjacent parcels and the amount of both canopy trees, shrubs, and plantings will result in a harmonious landscape for the surrounding neighborhood.
8.	Whether the applicant has agreed to execute a binding development agreement required by the city to incorporate the terms and conditions of approval deemed necessary by the city commission including, but not limited to, any mitigative techniques and plans required by City Code. **Analysis:** The Applicant is working on and has agreed to a binding Development Agreement to incorporate terms and conditions deemed necessary by the City Commission.

Applicable Law, Public Policy, and Events:

Florida Statutes 163.2511-163.3246: Growth Policy; County and Municipal Planning; Land Development Regulation (Provides that land development regulations for municipal planning be consistent with the Comprehensive Plan).
Home Rule Powers
Code of Ordinances City of Winter Springs.
Section 20-1. Definitions.

Fiscal Impact:

Development of the subject property as a convenience store/gas station is anticipated to provide an increase to the City's taxable value, as well as enhance property values and the essential character by increasing convenience store/gas station options in the surrounding area.

Development Agreement:

The Applicant is currently working with the City Attorney on the Development Agreement for the project. The Development Agreement shall be executed prior to any work on the project covered within this document.

STAFF RECOMMENDATION

Although, some of the noted items from Staff (#3, #5, and #6) have been satisfied, the noted items (#1, #2, #7, and #8), pertaining to the "fundamental and urban design concepts" and "corner store or neighborhood convenience store with gas pumps", are not being met with the applicant continuing with the originally proposed location of the convenience store and gas canopy. Therefore, Staff recommends that the City Commission recommend denial of the Conditional Use

Application, Site Plan /Final Engineering, and Development Agreement. The development plan does not meet Goal 2: Town Center of the Comprehensive Plan as provided herein.

In the event the project is recommended for approval, Staff recommends that it is contingent upon, and not effective until, the related Additional Parking project Site Plan/ Final Engineering application is approved. Further, Staff requests that the City Commission recommend approval of the Aesthetic Review with no conditions, and the Site Plan/Final Engineering subject to the following condition:

1. Prior to the issuance of a site work permit and start of construction, an approved Maintenance of Traffic (MOT) permit is required.

With regard to Waivers, Staff requests that the City Commission recommend denial of Waiver I, but approval of Waiver III with no conditions and approval of Waiver II, subject to the following condition:

1. One (1) ground monument sign to be located at the intersection of SR 434 and Tuskawilla Road.

Attachments:

Figure "1" – Community Workshop Flyer
Figure "2" – Community Workshop Attendance Sheet
Figure "3" – Preliminary Requirements
Figure "4" – Applicant Response to Preliminary Requirements
Figure "5" – Wawa Revised C0.0 & C4.0 Civil Site Plan 09.02.2025
Figure "6" – Wawa Civil Site Plan 08.28.2025
Figure "7"– Landscape Plan 07.29.2025
Figure "8 "– Master Sign Plan
Figure "9" – Traffic Impact Analysis Review
Figure "10" – Parking Analysis
Figure "11" – Building Elevations
Figure "12" – Proposed Building Renderings
Figure "13" – Setback Waiver Justification
Figure "14" – Ground Monument Sign Waiver Justification
Figure "15" – Streetscape Waiver Justification
Figure "16" – Conditional Use Justification
Figure "17" – Site Plan Application
Figure "18" – Aesthetic Review Application
Figure "19" – Development Agreement Application
Figure "20" – Setback Waiver Application
Figure "21" – Ground Monument Sign Waiver Application
Figure "22" – Streetscape Waiver Application
Figure "23" – Conditional Use Application
Figure "24" – Drainage Report
Figure "25" Potable Water Analysis
Figure "26" Listed Wildlife Species Survey

Figure “27” Preliminary Geotechnical Engineering Report
Figure “28” Wawa Winter Springs Traffic Impact Analysis
Figure “29” Wawa Economic Fiscal Impact

THIS INSTRUMENT WAS PREPARED BY
AND SHOULD BE RETURNED TO:

Anthony A. Garganese
City Attorney of Winter Springs
Garganese, Weiss, D'Agresta & Salzman, P.A.
111 N. Orange Avenue, Suite 2000
Orlando, FL 32802

(407) 425-9566

FOR RECORDING DEPARTMENT USE ONLY

DRAFT

SECOND MODIFICATION TO

DEVELOPMENT AND PROPERTY DIVISION AGREEMENT

Winter Springs Marketplace – Resulting Trust Property Parcel #2 - Wawa

THIS SECOND MODIFICATION TO DEVELOPMENT AND PROPERTY DIVISION AGREEMENT ("Second Modification") is made and executed this _____ day of _____, 2025, by and between the **CITY OF WINTER SPRINGS**, a Florida Municipal Corporation ("City"), whose address is 1126 East S.R. 434, Winter Springs, Florida 32708, and **TUSCAWILLA PROPERTY INVESTORS, LLC,** a Florida Limited Liability Company, whose address is 630 S Maitland Avenue, Suite 100, Maitland, Florida 32751 ("Developer").

WITNESSETH:

WHEREAS, Developer and the City have entered into and executed that certain Development and Property Division Agreement for Winter Springs Marketplace, dated March 8, 2021, and recorded in the Official Records of Seminole County at Book 9887, Pages 718-751 (the "Development Agreement") as well as that certain First Modification to the Development and Property Division Agreement for Winter Springs Marketplace, dated January 30, 2023, and recorded in the Official Records of Seminole County at Book 10397, Pages 628-643 (the "First Modification"); and

WHEREAS, the Development Agreement governs the development of both the Property and Trust Property, as legally described and defined therein, the Trust Property having been conveyed to the Developer subsequent to the execution and recordation of the Development Agreement, and the Trust Property being more particularly described in Exhibit "D" of the Development Agreement; and

WHEREAS, the Development Agreement provided that the Trust Property would be further divided into two (2) resulting Trust Property parcels, as legally described in Exhibit "E" of the Development Agreement; and

WHEREAS, the Developer now desires to construct a Wawa neighborhood convenience store with gas pumps on the Resulting Trust Property Parcel #2, particularly consisting of 1.21 acres, more or less, located southwest of the intersection of SR 434 and Tuskawilla Road, in Winter Springs, Seminole County, Florida, zoned Town Center (T5 Transect), more particularly described in Exhibit **"G"** herein; and

WHEREAS, Developer has now applied for a conditional use of a "corner store or neighborhood convenience store with gas pumps" and submitted applications for a Conditional use, Final Engineering Plans, Waivers, and Aesthetic Plan Approval in order to construct the convenience store on the Resulting Trust Property Parcel #2; and

WHEREAS, pursuant to Chapter 20 Zoning, Article II, Division 1, Section 20-29.1 of the Winter Springs City Code ("City Code"), a community workshop for the Project was held on _____; and

WHEREAS, Section 20-29(c) of the City Code requires that all site plans and waivers shall be binding on the use of the subject property and, further, that as a condition of approval by the City Commission, all development projects requiring a community workshop pursuant to Section 20-29.1 of the City Code shall be required to be memorialized in a binding development agreement; and

WHEREAS, this Second Modification shall be recorded against the Trust Property so that the terms and conditions of approval related to the Trust Property shall run with the land; and

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties mutually agree as follows:

1.0 **Recitals.** The foregoing recitals are true and correct and are hereby incorporated herein by this reference.

2.0 **Authority.** This Second Modification is entered into pursuant to the Florida Municipal Home Rule Powers Act.

3.0 **The Project Area.** The real property that is subject of this Second Modification is the Resulting Trust Property Parcel #2, legally described in **EXHIBIT "G"**, attached hereto and fully incorporated herein by this reference for convenience (the "Project Area" or "Resulting Trust Property Parcel #2" or "Resulting Trust Property #2").

4.0 **Project Description and Requirements; Phasing.** Developer has constructed Phases I and II of the Winter Springs Marketplace shopping center on the Property, as well as

supporting infrastructure, stormwater pond, parking lots, and landscaping. Phase III shall consist of a corner store or neighborhood convenience store with gas pumps and canopy with associated parking on Resulting Trust Property Parcel #2.

(Hereinafter, all project description and requirements and references to the **"Project"** shall refer to the corner store or neighborhood convenience store with gas pumps on Resulting Trust Property Parcel #2.).

The Developer shall construct the Project in a manner consistent with the approved Final Engineering/Site Plans, Aesthetic Plans, and Waivers that are on file with the City with the following file numbers and consistent with the requirements contained in this Second Modification:

File Nos:

CONU-2025-0004

FEDP-2025-0016

DVAG-2025-0010

AERV-2025-0008

WAIV-2025-0011, WAIV-2025-14, WAIV-2025-15

The overall Final Engineering/Site Plan for the neighborhood convenience store with gas pumps on Resulting Trust Property Parcel #2 is attached hereto as **EXHIBIT "H"** for convenience and incorporated herein by this reference.

The City and Developer agree that the Winter Springs Comprehensive Plan, Multimodal Transportation Element, Policy 1.11.3, requires the Developer of the Project to provide one (1) mobility credit based on the net, new average daily trip generation projected for the Project. In addition, the City and Developer agree that the Winter Springs Comprehensive Plan, Multimodal Transportation Element, Policy 1.11.6, requires new development, regardless of size, to provide operational improvements to the City's transportation system to mitigate their impacts on the system, to ensure smooth traffic flow, and to aid in the elimination of hazards, which may include contributions to the City's multimodal system. The Developer has elected to provide two (2) bike racks, totaling ten (10) spaces, on the north side of the building, and a ramp with handrails on the Tuskawilla Road sidewalk, with crosswalk connection to the store front sidewalk as a multimodal improvement to satisfy the required mobility credit in accordance with the above-referenced Policies.

5.0 Conditions of Approval. Specific conditions of approval for the above-referenced Final Engineering Plans, Aesthetic Plans and Waivers, include the following, which are also addressed in the staff report for the Final Engineering/Site Plans, Aesthetic Plans, and Waivers:

In addition, the City Commission hereby deletes in its entirety Section 5.1 of the First Modification, to allow for one (1) additional monument-style ground sign on the Resulting Trust Property Parcel #2 at the corner of SR 434 and Tuskawilla Road. No further monument signs shall be permitted on the SR 434 frontage for the Project Area.

6.0 Termination of Approval as to Resulting Trust Property #2. In the event the Developer (or the ground tenant of Resulting Trust Property Parcel #2) fails to obtain the building permit and substantially commence vertical construction of the building, which shall at minimum include building foundations, on the Resulting Trust Property Parcel #2 within two (2) years of the Effective Date of this Second Modification, then the City shall have the right to terminate and/or void the approvals set forth herein as applies to the Resulting Trust Property #2 and require the Developer to reapply to the City for such approvals as applies to the Resulting Trust Property Parcel #2. The Developer may apply to the City Commission for an extension of this deadline, which may be granted upon good cause shown.

7.0 Representations of the Parties. The City and Developer hereby each represent and warrant to the other that it has the power and authority to execute, deliver and perform the terms and provisions of this Second Modification and has taken all necessary action to authorize the execution, delivery and performance of this Second Modification. The Developer further agrees and makes the following representations and warranties to the City:

A. The Developer is lawfully seized of the Trust Property in fee simple and has full and lawful authority to execute this Second Modification and bind the Project Area property as set forth herein.

This Second Modification will, when duly executed and delivered by the City and Developer, constitute a legal, valid and binding obligation enforceable against the parties hereto. Upon recording of this Second Modification in the Public Records of Seminole County, Florida, the Second Modification shall be a binding obligation upon the Project Area property in accordance with the terms and conditions of this Agreement. Developer represents that it has voluntarily and willfully executed this Second Modification for purposes of binding himself and the Project Area property to the terms and conditions set forth in this Second Modification.

8.0 Successors and Assigns. This Second Modification shall automatically be binding upon and shall inure to the benefit of the City and Developer and their respective successors and assigns. The terms and conditions of this Second Modification similarly shall be binding upon the Project Area property, and shall run with title to the same upon being duly recorded against the Project Area property by the City.

9.0 Effective Date. This Second Modification shall become effective upon approval by the City Commission and execution of this First Modification by both parties hereto.

10.0 Recordation. Upon full execution by the Parties, this Second Modification shall be recorded upon the Resulting Trust Property #2 in the Public Records of Seminole County, Florida by the City and shall be binding upon the Resulting Trust Property #2 and all future owners thereof.

11.0 Effect of Modification. All other terms and conditions of the Development Agreement and First Modification, not in conflict with this Second Modification, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal on the date first above written.

CITY OF WINTER SPRINGS

By: _____
Kevin McCann, Mayor

Date: _____

ATTEST:

By: _____
Christian Gowan, City Clerk

APPROVED AS TO FORM AND LEGALITY
For the use and reliance of the City of Winter Springs, Florida only.

CITY SEAL

Date: _____
By: _____
Anthony A. Garganese, City Attorney for the City of Winter Springs, Florida

STATE OF FLORIDA
COUNTY OF SEMINOLE

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by Kevin McCann, Mayor of the City of Winter Springs, Florida**,** a Florida municipal corporation, on behalf of the

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corporation, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

Signed, sealed and delivered in the presence of the following witnesses:

_____
Signature of Witness

_____
Printed Name of Witness

_____
Signature of Witness

_____
Printed Name of Witness

TUSCAWILLA PROPERTY INVESTORS, LLC

By: _____
Ryan Stahl

Date: _____

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by Ryan Stahl, the Manager of Tuscawilla Property Investors, LLC**,** a limited liability company, on behalf of the company, who is personally known to me or produced _____ _____ as identification.

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(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

DEVELOPER IS HEREBY ADVISED THAT SHOULD DEVELOPER FAIL TO FULLY EXECUTE, AND DELIVER TO THE CITY, THIS AGREEMENT WITHIN THIRTY (30) DAYS FROM THE DATE THAT THE CITY COMMISSION APPROVES THIS AGREEMENT, THIS AGREEMENT, AND THE DEVELOPMENT PERMIT APPROVALS REFERENCED HEREUNDER, SHALL AUTOMATICALLY BE DEEMED NULL AND VOID.

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EXHIBIT G

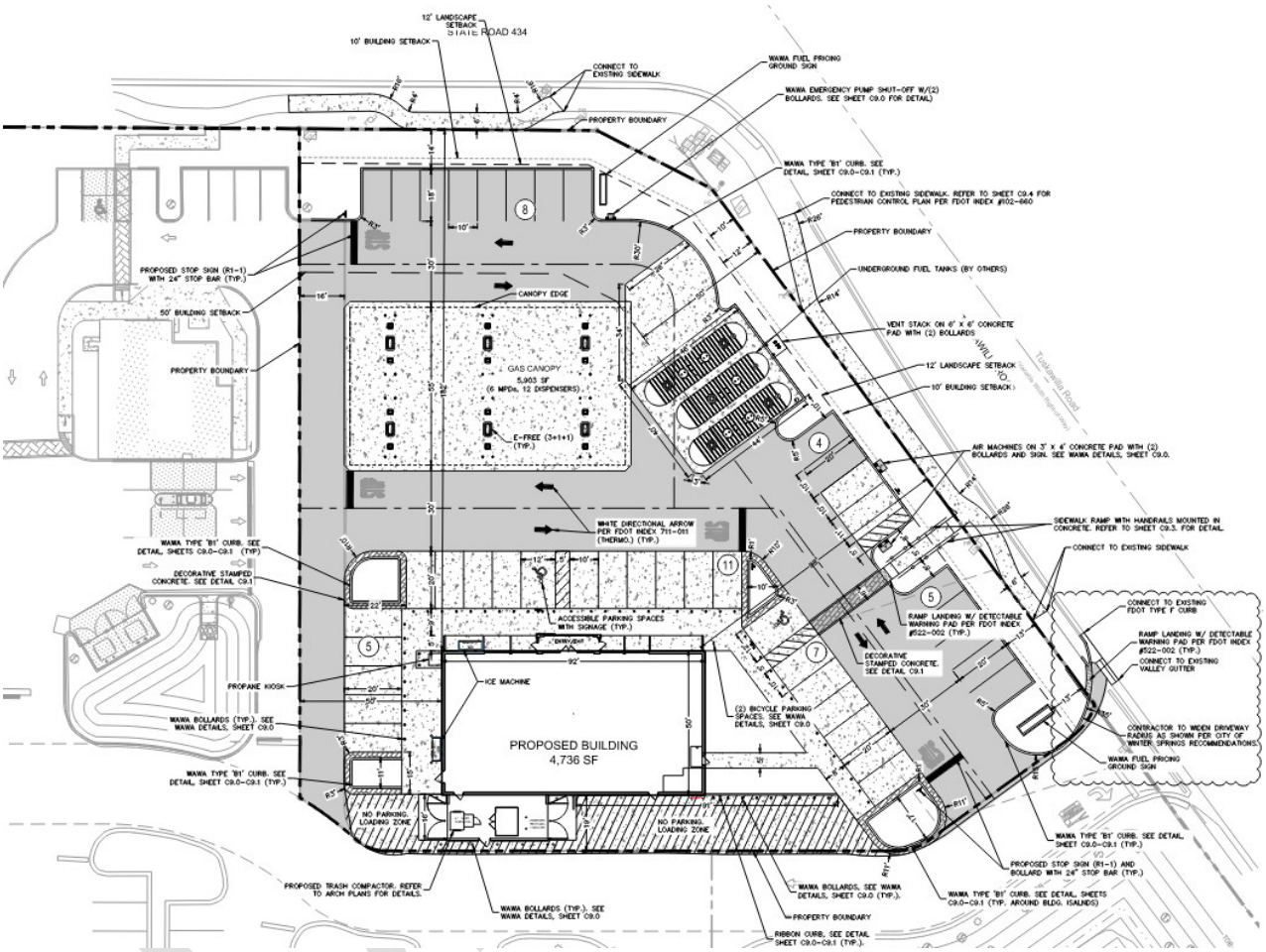
RESULTING TRUST PROPERTY PARCEL #2 (PROJECT AREA)

That part of Lot 9, JOE E. JOHNSTON'S SURVEY, recorded in Deed Book 147, Page 221, Public Records of Seminole County, Florida, and also being that part of Lot 8 Block A, and that part of the unplatted part of Block B of D. R. Mitchell's Survey of the Levy Grant, according to the plat thereof as recorded in Plat Book1, Page 5, Public Records of Seminole County, Florida, and also that part of the vacated Street as set forthin Resolution recorded in Official Records Book 2972, Page 373 more particularly described as follows: Commencing at the Northeast corner of Jesup's Reserve Townhomes Replat, according to the plat thereof as recorded in Plat Book 71, Pages 86 through 93, Public Records of Seminole County, Florida; thence run S39'45'03"E along the Southwesterly right of way line of State Road No. 434 per Official Records Book2803, Page 1023, and Official Records Book 2831, Page 1024, Public Records of Seminole County, Florida, a distance of 442.36 feet for the Point of Beginning; thence continue S39'45'03"E along said South right of way line, a distance of 103.50 feet; thence run S13'15'20"E along the West right of way line of Tuskawilla Road per Official Records Book 8377, Page 27, Public Records of Seminole County, Florida, a distance of 44.85 feet; thence continue S13'18'28"W along said West right of way line, a distance of223.26 feet to a point on a non-tangent curve concave to the Northwest, having a radius of 2.00 feet; thence from a radial bearing of N76'41'29"W run Southwesterly along the arc of said curve through a central angle of 59'49'28", an arc distance of 2.09 feet, having a chord bearing of S43'13'15"W and a chord distance of 1.99 feet to a point of compound curvature of a curve concave to the North having a radius of24.33 feet; thence run Westerly along the arc of said curve through a central angle of 30'50'10", an arc distance of 13.09 feet, having a chord bearing of S88'33'05"W and a chord distance of 12.94 feet; thence run N76'01'50"W, a distance of 60.93 feet to the beginning of a curve concave to the Northeast having a radius of 20.00 feet; thence run Northwesterly along the arc of said curve through a central angle of35'56'47", an arc distance of 12.55 feet, having a chord bearing of N58'03'27"W and a chord distance of12.34 feet; thence run N40'05'03"W, a distance of 178.00 feet to the beginning of a curve concave to the Northeast having a radius of 15.00 feet; thence run Northwesterly along the arc of said curve through a central angle of 42'05'15", an arc distance of 11.02 feet, having a chord bearing of N19'02'26"W and a chord distance of 10.77 feet to a point of reverse curvature of a curve concave to the West having a radius of 130.00 feet; thence run Northerly along the arc of said curve through a central angle of 10'50'21", an arc distance of 24.59 feet, having a chord bearing of N03'24'59"W and a chord distance of 24.56 feet; thence run N49'54'57"E, a distance of 233.19 feet to the Point of Beginning.

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EXHIBIT H

Overall Site Plan for Resulting Trust Property Parcel #2



Wawa at Winter Springs Marketplace

City Commission

Jenale Garnett, MURP, MPA

Senior Planner

Background

- Located at corner of State Road 434 and Tuskawilla Rd.
- Proposal is to develop a Wawa at Winter Springs Marketplace to include a 4,736 sf convenience store and 5,903 sf gas canopy that contains 6 main pump stations with a cumulative of 12 gas dispensers.
- Property is zoned Town Center District, T-5 Transect.
- Applicant has submitted a Final Engineering/Site Plan application, an Aesthetic Review Application, a Conditional Use Application, a Development Agreement Application, and three Waiver Applications.
- The Planning and Zoning Board (P&Z) meeting held on Thursday, August 7, 2025 at 5:30 p.m. heard Agenda Item 401 and postponed this agenda item to a date certain of Thursday, September 11, 2025 at 5:30 p.m. in the City Commission Chambers.
- The P&Z Board voted unanimously to recommend denial of the Conditional Use Application, Site Plan /Final Engineering, and Development Agreement. However, recommended approval of the Aesthetic Review. With regard to Waivers, the P&Z Board recommended denial of WAIV-2025-0015 (setbacks), but approval of WAIV-2025-0014 (streetscape) with no conditions and WAIV-2025-0011 (signs) with one condition.

Background

Wawa at Winter Springs Marketplace
FEDP-2025-0016

AGENDA ITEM 400

City Commission

October 13, 2025

Property Address: 164 Tuskawilla Road, Winter Springs, FL 32708 (± 1.22 acres)

Parcel ID: 36-20-30-502-0000-0090

May 6, 2025: Preapplication Meeting (PREM-2025-0020)
- 7 Courtesy Meetings

June 9, 2025:
Site Plan Application (FEDP-2025-0016)
Aesthetic Application (AERV-2025-0008)
Waiver Application (WAIV-2025-0011)
Conditional Use Application (CONU-2025-0004)

July 18, 2025:
Waiver Applications (WAIV-2025-0014; WAIV-2025-0015)

July 23, 2025:
Development Agreement Application (DVAG-2025-0010)

July 29, 2025: Public Notice Letters & Signage

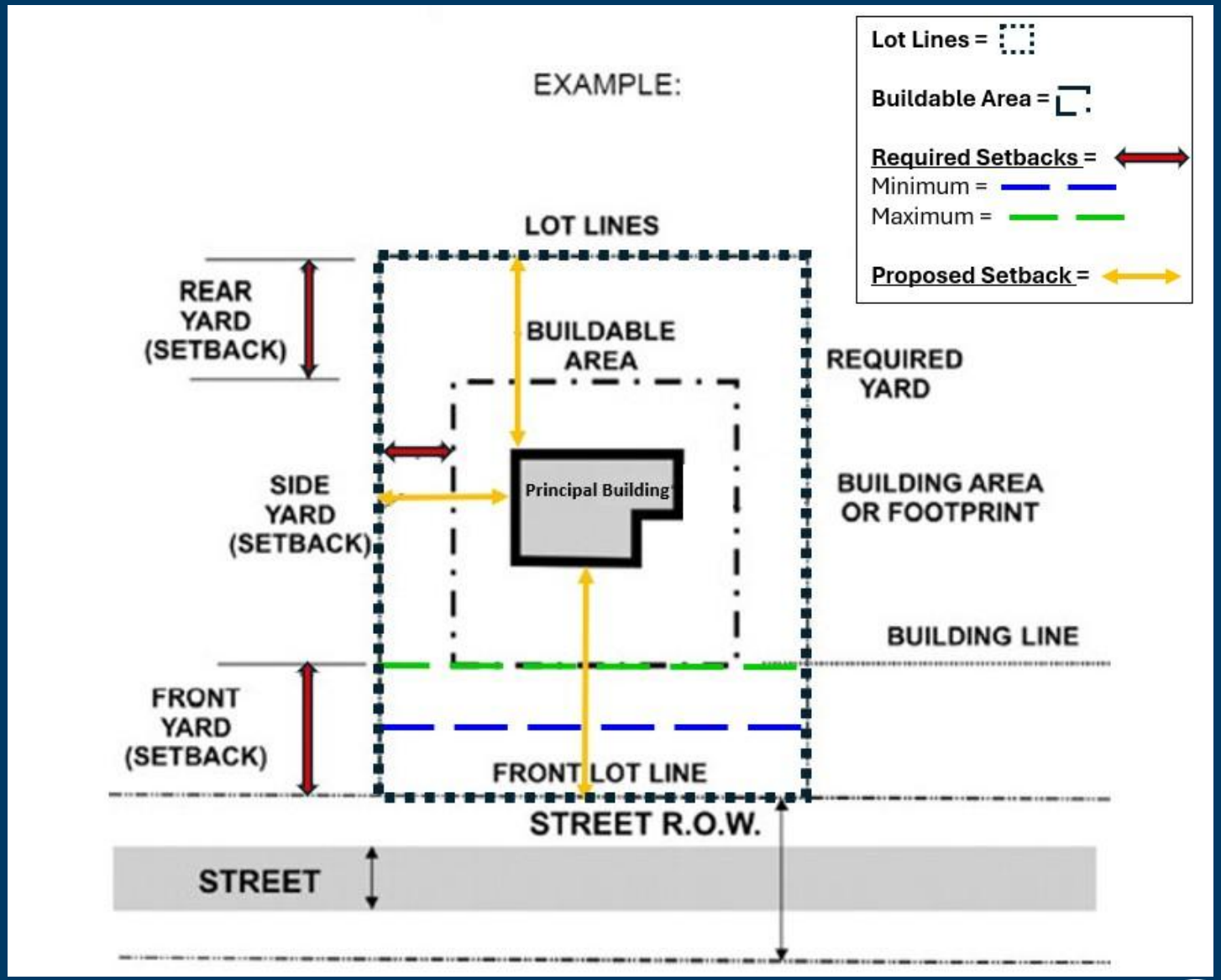
Applicant: Cory Sitler, Kimley-Horn and Associates, Inc.



General Information

- Setback: the required minimum or maximum distance between a structure and a property line, such as the street, front lot line, or side and rear property lines.

- Required T-5 Transect Setback:
  - minimum 25 ft.
  - maximum 50 ft.



City of Winter Springs Code

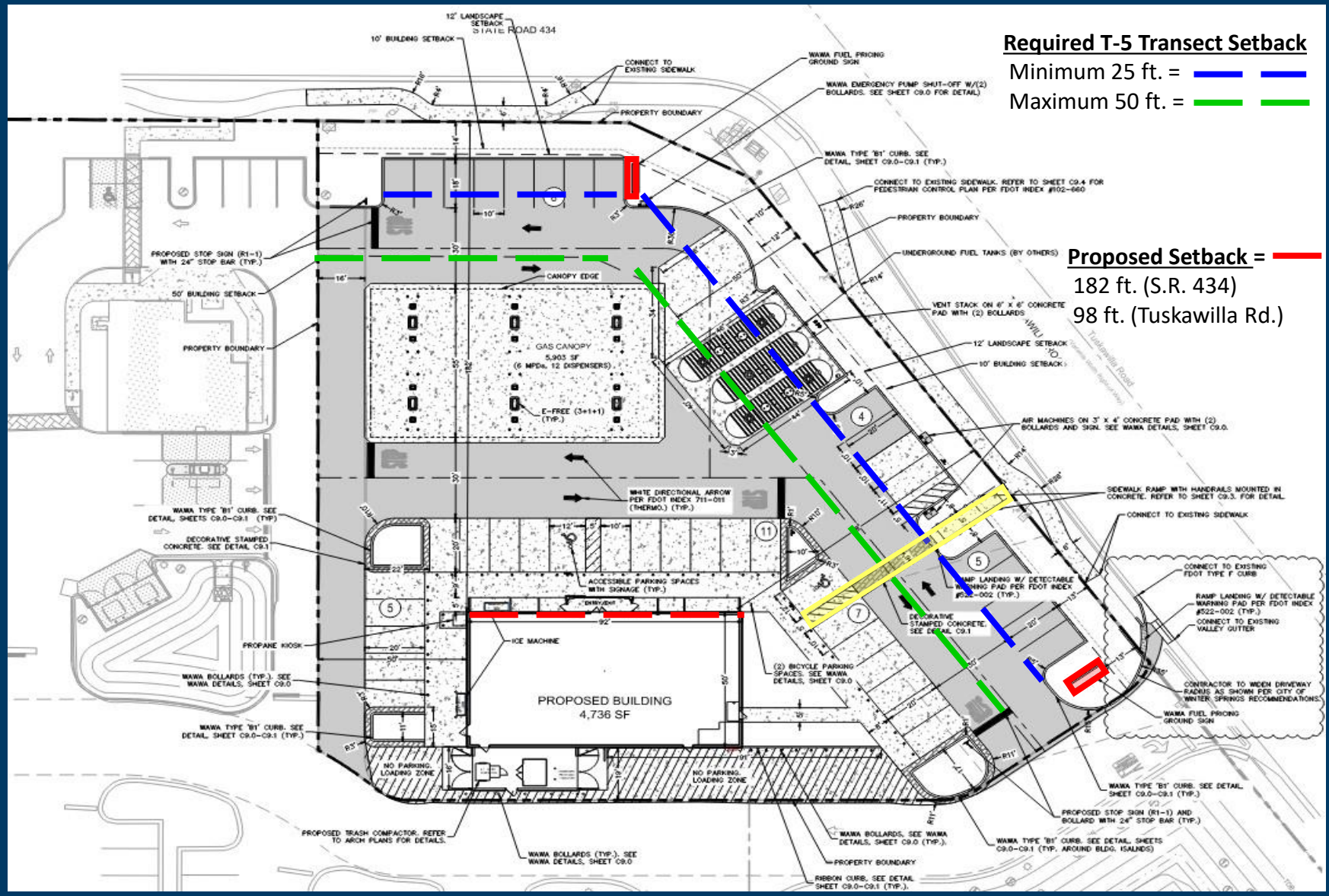
- Sec.20-325 Transect Standards: Lot Design Guidelines required for T-5 Transect

Lot Design Guidelines	
Lot orientation	
Lot width	18 ft. min., 180 ft. max.
Lot depth	30 ft. min., 160 ft. max.
Lot coverage	100% max.
Principal building setbacks	
Front/principal plane	25 ft. 50 ft. max. The minimum required front setback shall be the average of the front setback of the two developed lots abutting each side of the property. When one or more of the abutting lots is vacant, the next developed lot on the same block shall be used. When there is only one abutting lot on the same block face, it shall be used in this calculation.
Rear	15 ft. minimum
Side	5 ft. min, 100 ft. max.
Frontage buildout	20% min. (at front setback)

- Sec.20-1 Definitions

Principal building. The building or structure of chief importance or function on a parcel or lot. In general, the primary use of the lot is carried out in the principal building.

Site Plan


Required T-5 Transect Setback
Minimum 25 ft. =
Maximum 50 ft. =
Proposed Setback =
182 ft. (S.R. 434)
98 ft. (Tuskawilla Rd.)
PROPOSED BUILDING
4,736 SF
GAS CANOPY
5,903 SF
(6 MPDs, 12 DISPENSERS)
ICE MACHINE
PROPANE KIOSK
CANOPY EDGE
PROPERTY BOUNDARY
50' BUILDING SETBACK
10' BUILDING SETBACK
12' LANDSCAPE SETBACK
STATE ROAD 434
CONNECT TO EXISTING SIDEWALK
WAWA FUEL PRICING GROUND SIGN
WAWA EMERGENCY PUMP SHUT-OFF W/(2) BOLLARDS. SEE SHEET C9.0 FOR DETAIL)
WAWA TYPE 'B1' CURB. SEE DETAIL, SHEET C9.0-C9.1 (TYP.)
CONNECT TO EXISTING SIDEWALK. REFER TO SHEET C9.4 FOR PEDESTRIAN CONTROL PLAN PER FDOT INDEX #802-660
UNDERGROUND FUEL TANKS (BY OTHERS)
VENT STACK ON 6' X 6' CONCRETE PAD WITH (2) BOLLARDS
AIR MACHINES ON 3' X 4' CONCRETE PAD WITH (2) BOLLARDS AND SIGN. SEE WAWA DETAILS, SHEET C9.0.
SIDEWALK RAMP WITH HANDRAILS MOUNTED IN CONCRETE. REFER TO SHEET C9.3. FOR DETAIL
CONNECT TO EXISTING SIDEWALK
CONNECT TO EXISTING FDOT TYPE F CURB
RAMP LANDING W/ DETECTABLE WARNING PAD PER FDOT INDEX #522-002 (TYP.)
CONNECT TO EXISTING VALLEY GUTTER
CONTRACTOR TO WIDEN DRIVEWAY RADIUS AS SHOWN PER CITY OF WINTER SPRINGS RECOMMENDATIONS
WAWA FUEL PRICING GROUND SIGN
PROPOSED STOP SIGN (R1-1) WITH 24" STOP BAR (TYP.)
WAWA TYPE 'B1' CURB. SEE DETAIL, SHEETS C9.0-C9.1 (TYP.)
DECORATIVE STAMPED CONCRETE. SEE DETAIL C9.1
WHITE DIRECTIONAL ARROW PER FDOT INDEX 711-011 (THERMO.) (TYP.)
ACCESSIBLE PARKING SPACES WITH SIGNAGE (TYP.)
E-FREE (3+1+1) (TYP.)
(2) BICYCLE PARKING SPACES. SEE WAWA DETAILS, SHEET C9.0
WAWA BOLLARDS (TYP.). SEE WAWA DETAILS, SHEET C9.0
NO PARKING. LOADING ZONE
PROPOSED TRASH COMPACTOR. REFER TO ARCH PLANS FOR DETAILS.
WAWA BOLLARDS, SEE WAWA DETAILS, SHEET C9.0 (TYP.).
RIBBON CURB. SEE DETAIL SHEET C9.0-C9.1 (TYP.).
WAWA TYPE 'B1' CURB. SEE DETAIL, SHEETS C9.0-C9.1 (TYP. AROUND BLDG. ISALNDS)

Elevations



Front



Rear



Wawa at Winter Springs Marketplace
FEDP-2025-0016

AGENDA ITEM
400

City Commission

October 13, 2025

Elevations



Left



Right



Wawa at Winter Springs Marketplace
FEDP-2025-0016

AGENDA ITEM 400

City Commission

October 13, 2025

Elevations



Wawa at Winter Springs Marketplace
FEDP-2025-0016

AGENDA ITEM 400

City Commission

October 13, 2025

Additional Analysis

Wawa at Winter Springs Marketplace
FEDP-2025-0016

AGENDA ITEM
400

City Commission

October 13, 2025

Conceptual Rendering





Kentucky Location



Indiana Location



Virgina Location

Winter Springs Marketplace Structures











COMMUNITY DEVELOPMENT

Preliminary Requirement

At the P&Z meeting held on Thursday, August 7, 2025, the Board requested that the applicant consider the following items staff previously identified as deficient and make corresponding changes to the application for the P&Z meeting held on Thursday, September 11, 2025:

1. The convenience store placement is required to be oriented close to E. SR 434/Tuskawilla Road.
   Applicant Response: The site layout of the project is crucial for the success of the development and is necessary for the operations of Wawa. Additionally, we feel that the canopy provides the “street wall” feel the code is intending for as it is set back 62’ from the property boundary and is a larger footprint than the principal building.
2. The proposed convenience store setback of 182 ft. from E. SR 434 and 98 ft. from Tuskawilla Rd. exceeds the required setback and the buildings along E. SR 434 in the Winter Springs Marketplace.
   Applicant Response: Please see the previous comment response.
3. The rear setback is required to be 15 ft., and the proposed convenience store is zero feet from the rear.
   Applicant Response: this waiver is no longer required as the principal building is setback 19 ft. from the rear property line and meets the rear setback requirement.

Preliminary Requirement

4. The proposed design and color of the proposed building and gas canopy are not consistent with the Winter Springs Marketplace; therefore, not compatible with the immediate surrounding area of the Town Center.
   Applicant Response: These color schemes (revised architectural building elevations) match the existing Aldi in the Marketplace and will help provide a more consistent look and feel for the development.
5. Single-tenant monument signs are required to be consistent in materials with the architecture of the proposed building.
   Applicant Response: The current signage design was designed consistent with the other signage within the Marketplace. With the revisions to the colors and materials for the building, the signage will now match the building façade.
6. The Traffic Impact Analysis is required to determine the impact on and adherence to the Town Center goals per the Comprehensive Plan and Land Development Code. However, as of the date of this report, the transportation review has not been addressed.
   Applicant Response: The transportation review has been completed, and the reviewing consultant has provided a recommendation for a right turn lane at the existing driveway entrance on Tuskawilla Rd. Site constraints were discussed with staff including impacts to existing Duke infrastructure and encroachments into an existing Duke easement that prevent the right turn lane from being feasible. As an alternative, the northern curb radius into the property can be increased to allow for an easier turning movement for incoming traffic.

Preliminary Requirement

7. There is no hardship present on the subject site to meet all the relevant standards for the Town Center.
   Applicant Response: We feel that the proposed use is a complimentary use for the overall Marketplace and will complete a “one-stop shop” development for the community to utilize. Accommodations for pedestrian traffic have been made to the extent practicable given the necessary layout of the project.

8. It is not consistent with the use of a “corner store” or neighborhood convenience store to have the building places 182 ft. behind the corner.
   Applicant Response: We believe the intent of the code referenced was specific to the parcel being located at an intersection rather than specific to the principal building location.

Staff Analysis

- Staff finds 1, 2, 7, and 8 remain unaddressed:
  - convenience store to remain in the originally proposed location
  - Staff confirmed there are no hardships to reconfigure the site layout to meet Town Center standards and presented our findings with a visual exhibit to the applicant on June 23, 2025.

- Sec.20-1 of the City Code principal building definition: "*Principal building. The building or structure of chief importance or function on a parcel or lot. In general, the primary use of the lot is carried out in the principal building.*" :
  - Applicant's own admission, the principal building on the site is the convenience store building and not the gas canopy in written response to 1.

- Proposed convenience store rear setback of 19 ft. addresses 3

- Color/Material proposed for building/gas canopy addresses 4 and 5
  - consistent with the Winter Springs Marketplace
  - signs consistent with the proposed building color/material

Staff Analysis

Goal 2: Town Center of the Comprehensive Plan:

- "The City seeks to create a Town Center based upon traditional design standards for development that will become the identifying focus of the City's downtown and contribute to an increased and diversified tax base for the City. The primary purpose of the Town Center shall be to create an economically successful, vibrant, aesthetic, compact, multimodal, diverse, mixed use (including horizontal and vertical integration of uses) **neo-traditional urban environment, designed on a pedestrian scale and with a pedestrian orientation**. The Town Center is to be a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center. The Town Center should be created through public and private investment and development."

Objective 2.2:

- Neo-traditional. Promote and enhance the development of the Town Center by allowing a mixed use higher density/intensity neo-traditional urban pattern

Policy 2.2.1:

- Neo-Traditional Characteristics. Encourage a mixed use higher density/intensity neo-traditional Town Center, utilizing, to the extent practical, the fundamentals and urban design concepts in the Town Center Master Plan: **walkable community, visibly different section of S.R. 434**

- Setback Waiver
- Pedestrian access from SR 434

Staff Recommendation

Staff recommends the City Commission deny CONU-2025-0004 (conditional use), FEDP-2025-0016 (site plan), and DVAG-2025-0010 (development agreement) as it does not meet the “fundamental and urban design concepts” and “corner store or neighborhood convenience store with gas pumps”, with the applicant continuing with the originally proposed location of the convenience store and gas canopy. The development plan does not meet Goal 2: Town Center of the Comprehensive Plan.

With regard to Waivers, Staff recommends denial of WAIV-2025-0015 (setbacks), but approval of WAIV-2025-0014 (streetscape) with no conditions and WAIV-2025-0011 (signs), subject to the following condition:

1. Only one (1) ground monument sign to be located at the intersection of SR 434 and Tuskawilla Road shall be approved.

Staff is recommending approval of the Aesthetic Review with no conditions.

* Approval of FEDP-2025-0016 is contingent upon the approval of FEDP-2025-0017

Proposed Conditions

In the event the City Commission recommends approval of CONU-2025-0004 (conditional use), FEDP-2025-0016 (site plan), DVAG-2025-0010 (development agreement), and WAIV-2025-0015 (setbacks), Staff recommends the following conditions of approval:

1. Approval of the site plan/final engineering plan is contingent upon, and not effective until, the related Additional Parking project Site Plan/ Final Engineering application is approved.
2. Prior to the issuance of a site work permit and start of construction, an approved Maintenance of Traffic (MOT) permit is required.

With regard to Waivers, Staff recommends approval of WAIV-2025-0014 (streetscape) with no conditions and WAIV-2025-011 (signs), subject to the following condition:

1. Only one (1) ground monument sign to be located at the intersection of SR 434 and Tuskawilla Road shall be approved.

Staff is recommending approval of the Aesthetic Review with no conditions.

* Approval of FEDP-2025-0016 is contingent upon the approval of FEDP-2025-0017

Wawa at Winter Springs Marketplace
FEDP-2025-0016

ANY QUESTIONS?

AGENDA ITEM
400

City Commission

October 13, 2025

EQUINOX
DEVELOPMENT

Wawa

Winter Springs Marketplace

Prototype Modifications

The prototype proposed – which will be the first in Central Florida – is smaller than a normal Wawa. In addition, only six (6) fueling stations are being proposed rather than eight (8) or ten (10).

Different Color

The colors proposed have been modified to match the adjacent buildings within Winter Springs Marketplace and will be the first in Florida to incorporate a palette so radically different from their prototypical colors.

Outdoor Seating

Wawa has been removing outdoor seating from its newest locations but will consider allowing seating at Winter Springs Marketplace.

Additional Connecting Sidewalk

Wawa is willing to add an additional sidewalk on the western side of its property adjacent to Fifth Third Bank connecting its building to SR 434.

Knee Wall

Wawa will construct a knee wall at the corner of the site to provide a 'structure' adjacent to the property line while also providing a barrier thereby urging pedestrians to utilize the sidewalks instead.

Signage

Based upon feedback from the Planning & Zoning Board, a smaller monument is now being proposed along Tuscawilla Road.

Electric Charging Stations

Six (6) electric charging stations will be constructed in the center of Winter Springs Marketplace for use by all customers and residents.

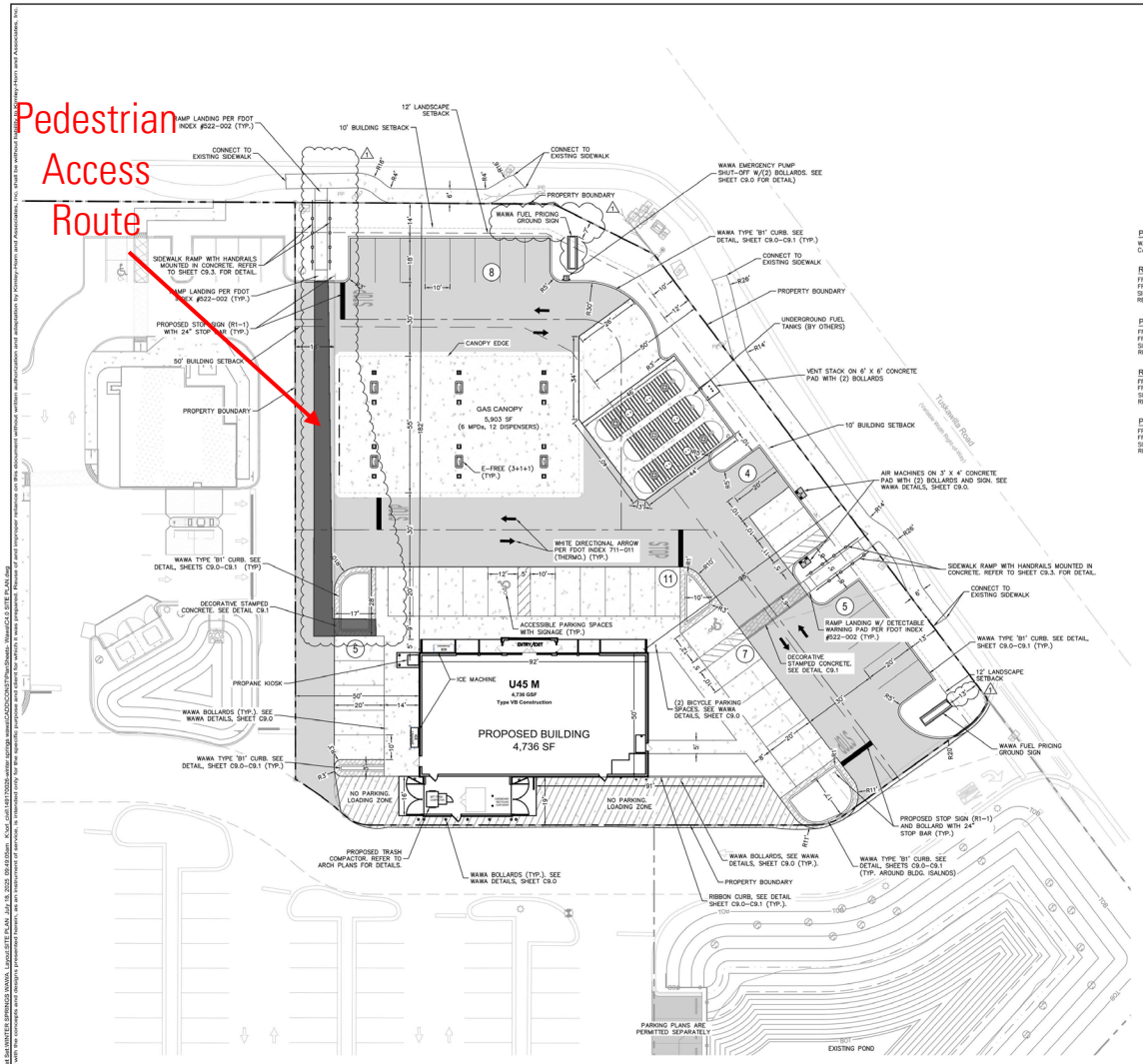
Roberts Family Lane

With input from the residents of Lake Jessup's Reserve, curbing, paving & striping modifications will be made to prevent traffic from cutting through their neighborhood.

EQUINOX DEVELOPMENT

Internal Sidewalk

Pedestrian Access Route



LEGEND

PROPERTY LINE

PARKING SPACE COUNT

PROPOSED CONCRETE, SEE SHEET C9.1 FOR DETAILS

PROPOSED STAMPED CONCRETE, SEE SHEET C9.0 FOR DETAILS

STANDARD DUTY ASPHALT, SEE SHEET C9.1 FOR DETAILS

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

PROVIDED BUILDING HEIGHTS

WAWA:	33 FT
CANOPY:	25 FT

REQUIRED BUILDING SETBACKS

FRONT (TUSKAWILLA RD):	25 FT MIN TO 50 FT MAX
FRONT (S.R. 434):	25 FT MIN TO 50 FT MAX
SIDE:	5 FT MIN TO 100 FT MAX
REAR:	15 FT MIN

PROVIDED BUILDING SETBACKS

FRONT (TUSKAWILLA RD):	50 FT
FRONT (S.R. 434):	50 FT
SIDE:	0 FT
REAR:	0 FT

REQUIRED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
FRONT (S.R. 434):	12 FT
SIDE:	10 FT
REAR:	10 FT

PROVIDED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
FRONT (S.R. 434):	12 FT
SIDE:	0 FT
REAR:	0 FT

OVERALL SITE DATA:

PROJECT AREA:	52,833 SQ. FT (1.21 AC)
ZONING:	T-5 URBAN CENTER ZONE
PARCEL ID:	36-20-30-502-0000-0090
FUTURE LAND USE:	COMMERCIAL
PROPOSED USE:	COMMERCIAL
MINIMUM BUILDING HEIGHT:	2-STORIES
MAXIMUM BUILDING HEIGHT:	5-STORIES

ABUTTING PARCEL DATA:

ADJACENT PARCEL ID:	ZONING	FUTURE LAND USE
36-20-30-502-0000-0080	T-5 URBAN CENTER ZONE	COMMERCIAL
01-21-30-5WK-0000-0040	T-5 URBAN CENTER ZONE	COMMERCIAL
01-21-30-5WK-0C00-0000	T-5 URBAN CENTER ZONE	COMMERCIAL

BUILDING COVERAGE:

PROPOSED FLOOR AREA:	
WAWA:	4,736 SF
TOTAL FLOOR AREA:	4,736 SF
F.A.R. (4,736 SF/52,833 SF)	0.20
MAXIMUM ALLOWABLE F.A.R.	1.0 MAXIMUM

OVERALL IMPERVIOUS CALCULATIONS

MAXIMUM IMP. AREA (PER DRAINAGE CALCS):	1.02 AC
BUILDING AREA:	0.24 AC (9.0%)
PAVEMENT AREA:	0.78 AC (50.8%)
TOTAL IMPERVIOUS AREA:	1.02 AC (84.3%)
TOTAL OPEN SPACE:	0.19 AC (15.7%)

REQUIRED PARKING:

FROM PARKING STUDY:

WAWA PARKING:	50 SPACES
TOTAL PARKING SPACES REQUIRED:	50 SPACES

PROVIDED PARKING:

REGULAR SPACES (10'x20'):	38 SPACES
ADA SPACES (ALL VAN ACCESSIBLE):	2 SPACES
OFF-SITE EMPLOYEE PARKING: (UNDER SEPARATE PERMIT)	10 SPACES
TOTAL PARKING SPACES PROVIDED:	50 SPACES

REQUIRED BICYCLE PARKING:

FROM TRAFFIC IMPACT ANALYSIS:

1 SPACE PER 5,000 SF OR 2 SPACES MIN.	2 SPACES
TOTAL PARKING SPACES REQUIRED:	2 SPACES

PROVIDED BICYCLE PARKING:

WAWA – GAS STATION/CONVENIENCE STORE	2 SPACES
TOTAL BICYCLE PARKING SPACES:	2 SPACES

LANDSCAPING

ALL LANDSCAPING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE

SITE SIGNAGE

PERMANENT SITE SIGNAGE WILL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE.

REGULATORY SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD (2009 ED.) AND FDOT DESIGN STANDARDS (LATEST ED.)

STORMWATER MANAGEMENT

STORMWATER RUNOFF FOR THE PROPOSED ONSITE IMPROVEMENTS WILL BE MANAGED THROUGH THE EXISTING WET DETENTION, DRY RETENTION, AND EXFILTRATION SYSTEMS. THE EXISTING SYSTEM WHICH HAS BEEN DESIGNED TO MEET THE CITY OF WINTER SPRINGS CODE AND THE REQUIREMENTS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD).

100-YEAR FLOOD PLAIN

THE PROPERTY IS LOCATED OUTSIDE THE FLOODPLAIN WITHIN "ZONE X" — AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN – PER FEMA FIRM, MAP NUMBER 12117C0190F, REVISED ON SEPTEMBER 28, 2007.

PHASING

ALL SITE WORK AND INFRASTRUCTURE WILL BE COMPLETED IN ONE (1) PHASE

GENERAL NOTES:

1. HANDICAP ACCESSIBLE PARKING SPACES AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE (2012 ED.).
2. HANDICAP ACCESSIBLE PARKING SPACES PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH FDOT INDEX #711-001, SHEET 12 (LATEST ED.).
3. ALL LANDSCAPE ISLANDS CURB RADII ARE 5-FT UNLESS OTHERWISE NOTED.
4. TYPICAL AT ALL INTERNAL ON SITE INTERSECTIONS (PRIVATE), UNLESS OTHERWISE NOTED: PROVIDE 24" WHITE STOP BAR WITH 24" STOP SIGN
5. PEDESTRIAN CIRCULATION – SIDEWALKS, SIDEWALK CROSSINGS, RAMPINGS (PEDESTRIAN ACCESS SHALL CONNECTION EACH OF THE BUILDINGS TO ONE ANOTHER AN SHALL CONNECT TO THE RIGHT-OF-WA UTILIZING ALTERNATIVE PAVEMENT THROUGHOUT – PAINT/THERMOPLASTIC IS NOT ACCEPTABLE). PEDESTRIAN CROSSWALKS SHALL BE OF CONTRASTING MATERIALS OR TEXTURED OR STAMPED CONCRETE OR ASPHALT TO GIVE THE APPEARANCE OF CONTRASTING MATERIALS. PLEASE REFER TO SHEET C9.0 FOR DETAILS.

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/19/25	MMB

Kimley»Horn

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6878 NARCOOSSEE LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 898-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 149717026
07/19/25
SCALE AS SHOWN
DESIGNED BY CNG
DRAWN BY MMB
CHECKED BY ADL

SITE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS

FL

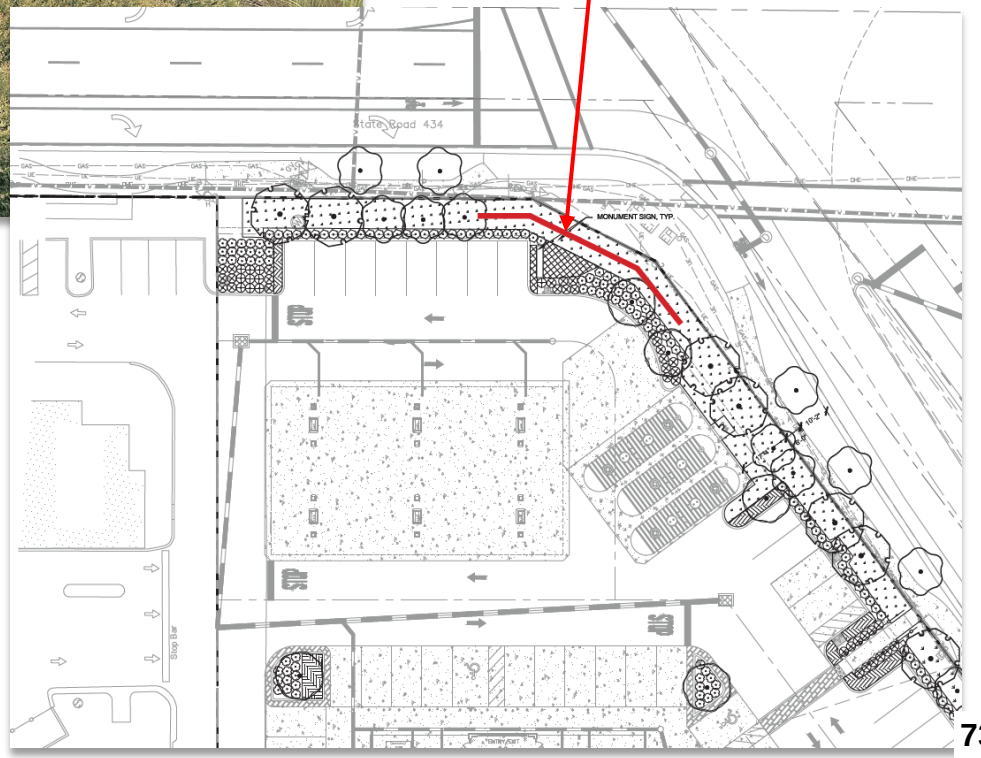
SHEET NUMBER C4.0

EQUINOX DEVELOPMENT

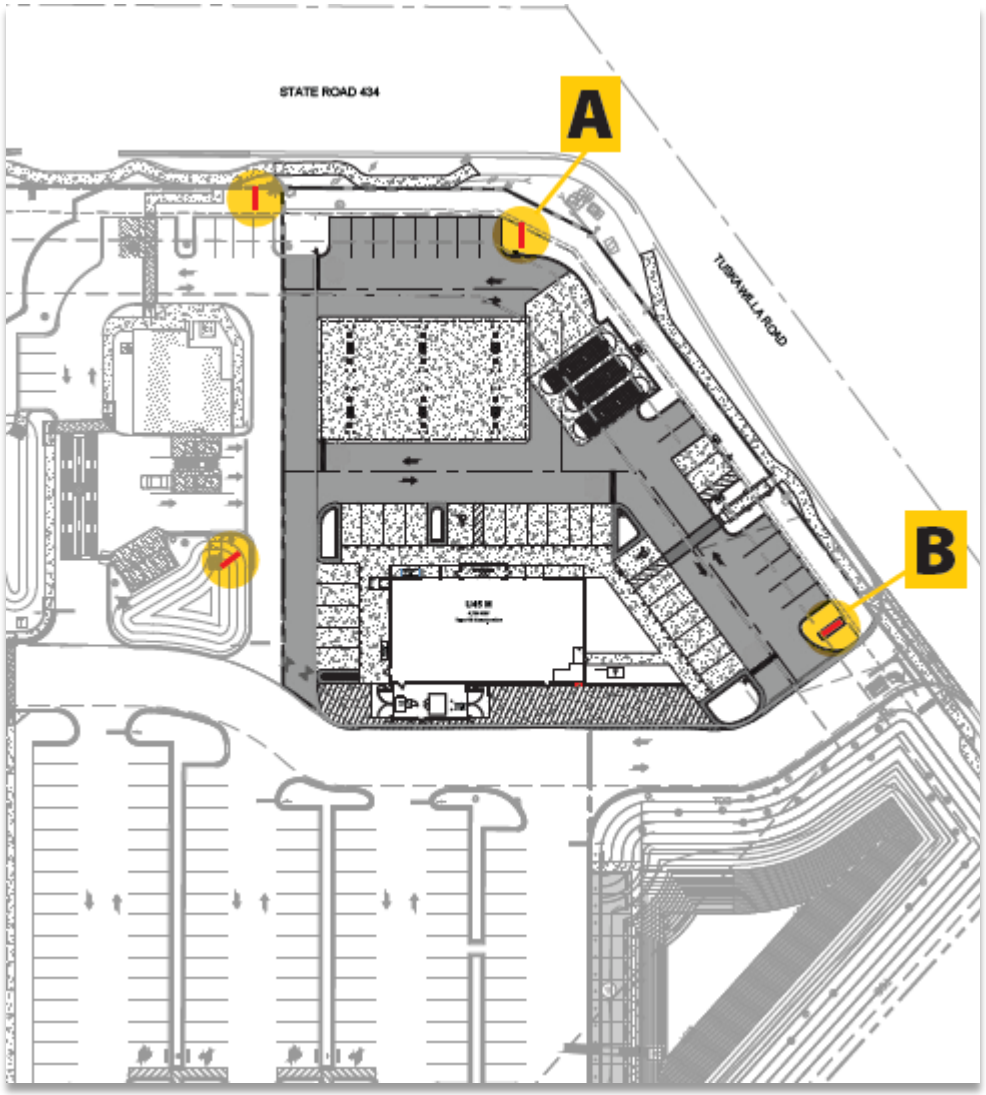
Knee Wall



Conceptual Knee Wall Placement



Signage

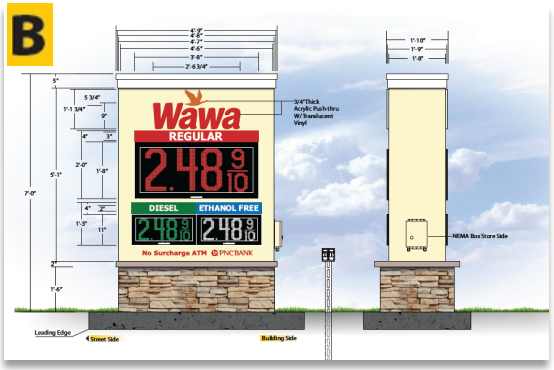


A

Proposed 12' Monument Sign "A"
Copy Area: 61.75 SF



B



Proposed 7' Monument Sign "B"
Color Would Be Modified To Match Sign "A"
Copy Area: 23.29 SF

EQUINOX DEVELOPMENT

Electric Charging Stations





EQUINOX DEVELOPMENT

Roberts Family Lane



EQUINOX

DEVELOPMENT

Wawa

Craig Green

Central Florida Area Manager

COMMUNITY WORKSHOP

Date: June 30, 2025 @ 6:00 P.M.

Location: The Foundry Church – Classroom 5
1491 E. State Road 434, Winter Springs, FL 32708

Community Workshop to consider Final Engineering Site Plans, Aesthetic Review and Conditional Use in order to construct a 4,736 sq. ft. gas station/convenience store in the Winter Springs Marketplace within the Town Center District on the subject site.



Project: Wawa gas station/convenient store

Location: SW corner of Tuskawilla Road and E. State Road 434
Parcel ID: 36-20-30-502-0000-0090
Acreage: ± 1.22-acre project
Zoning: Town Center District (T5)
Future Land Use: Town Center (TC)
Applicant/Presenter: Ryan Stahl, Scott Kearney, Kimley-Horn Associates

COMMUNITY WORKSHOP SIGN-IN SHEET

PROJECT NAME: Wawa gas station/convenient store

MEETING LOCATION & DATE: The Foundry Church (Classroom #5) – June 30, 2025

NAME	MAILING ADDRESS (STREET, CITY, ZIP)	E-MAIL ADDRESS
1. LOUIS ATTI	119 MCLEODS WAY WINTER SPRINGS 32708	ACCESSIBLE@MSN.COM
2. Gina + Jeff Shafer	Winter Springs Villiage	
3. Mark Caruso	1054 chokecherry Dr	mcaruso@winterspringsfl.org
4. Daina Todd	630 S. Maitland Ave, ste 100 Maitland 32751	Daina@equinox-development.com
5. Kristin Banks	630 S Maitland Ave, Ste 100 Maitland FL	kristin@equinox-development.com
6. Cory Sitler	6876 Morwick Lane, Ste 350, Orlando, FL 32827	cory.sitler@kimley-horn.com
7. Stephen Donahoe	1233 Natures Way Winter Springs FL 32708	steve@donahoe.com
8. LINDA FREESLIRN	1604 COUGAR CT 32708	
9. Krystal Kearney	609 Timberwilde Ct.	
10. Lalon Grago	1212 Deer Run Dr., Winter Springs, FL 32708	Lgrago@aol.com
11. Maureen Landgraf	443 Tradition Ln. WSpr.	
12. Victoria Bruce	city Hall	Vbruce@winterspringsfl.org
13. Leah Wegman	Brookshire	
14. Jennifer Garnett	City of Winter Springs	jgarnett@winterspringsfl.org
15.		
16.		
17.		
18.		
19.		
20.		

CITY OF WINTER SPRINGS, FLORIDA
COMMUNITY DEVELOPMENT DEPARTMENT

1126 EAST STATE ROAD 434
WINTER SPRINGS, FLORIDA 32708
T: (407) 327-1800 | F: (407) 324-4753
www.winterspringsfl.org

August 12, 2025

Preliminary Requirements

The Planning and Zoning Board (P&Z) meeting held on Thursday, August 7, 2025 at 5:30 p.m. heard Agenda Item 401 and rendered the decision to continue this agenda item to a date certain of Thursday, September 11, 2025 at 5:30 p.m. in the City Commission Chambers. Per the Planning and Zoning Board decision, the following items referenced in the Staff Report are required to be addressed, and submitted via the Civic Access Portal, prior to the scheduled meeting by or before close of business on Friday, August 29, 2025:

1. The building placement is required to contain shallow setbacks or none, buildings oriented close to the street defining a street wall per Sec.20-320. Therefore, the convenient store placement is required to be oriented close to E. SR 434/Tuskawilla Road.

2. Per Sec.20-325 the front setback is required to be 50 ft., and shall be the average of the front setback of the two developed lots abutting the lot. Therefore, the proposed convenient store setback of 182 ft. from E. SR 434 and 98 ft. from Tuskawilla Rd. far exceeds the required setback and the buildings along E. SR 434 in the Winter Springs Marketplace.

3. Per Sec.20-325 the rear setback is required to be 15 ft., and the proposed convenient store is zero feet from the rear.

4. The proposed design and color of the proposed building and gas canopy are not consistent with the Winter Springs Marketplace; therefore, not compatible with the immediate surrounding area of the Town Center.

5. Single-tenant monument signs are required to be consistent in materials with the architecture of the proposed building per Sec.16-82(2)(e) and are discouraged in the Town Center.

6. The Traffic Impact Analysis is required to determine the impact on and adherence to the Town Center goals per the Comprehensive Plan and Land Development Code. However, as of the date of this report, the transportation review has not been addressed.

7. There is no hardship present on the subject site to meet all the relevant standards for the Town Center to continue being a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center.

8. It is not consistent with the use of a “corner store” or neighborhood convenience store to have the building placed 182 feet behind the corner.

*Completion of the review for Traffic Impact Analysis and Utilities

August 29, 2025

Jenale Garnett
Project Manager
City of Winter Springs
1126 E State Road 434
Winter Springs, FL 32708

Re: **Wawa at Winter Springs Marketplace**
Application Number: FEDP-2025-0016

To Whom It May Concern:

We are in receipt of the P&Z Board comments dated August 12, 2025 and the additional utility comments received August 28, 2025, regarding the above referenced project and offer the following in response:

Planning Comments

1. The building placement is required to contain shallow setbacks or none, buildings oriented close to the street defining a street wall per Sec.20-320. Therefore, the convenient store placement is required to be oriented close to E. SR 434/Tuskawilla Road.

   Response: As discussed with staff on August 27, 2025, the site layout of the project is crucial for the success of the development and is necessary for the operations of Wawa. Additionally, we feel that the canopy provides the "street wall" feel the code is intending for as it is set back 62' from the property boundary and is a larger footprint than the principal building.

2. Per Sec.20-325 the front setback is required to be 50 ft., and shall be the average of the front setback of the two developed lots abutting the lot. Therefore, the proposed convenient store setback of 182 ft. from E. SR 434 and 98 ft. from Tuskawilla Rd. far exceeds the required setback and the buildings along E. SR 434 in the Winter Springs Marketplace.

   Response: Please see the previous comment response.

3. Per Sec.20-325 the rear setback is required to be 15 ft., and the proposed convenient store is zero feet from the rear.

   Response: As discussed with staff on August 27, 2025, this waiver is no longer required as the principal building is setback ~19' from the rear property line and meets the rear setback requirement.

4. The proposed design and color of the proposed building and gas canopy are not consistent with the Winter Springs Marketplace; therefore, not compatible with the immediate surrounding area of the Town Center.

   Response: Please refer to the revised Architectural building elevations consistent with those presented in the meeting with staff on August 27, 2025. These color schemes match the existing Aldi in the Marketplace and will help provide a more consistent look and feel for the development.

5. Single-tenant monument signs are required to be consistent in materials with the architecture of the proposed building per Sec.16-82(2)(e) and are discouraged in the Town Center.

   Response: As discussed with staff on August 27, 2025, the current signage design was designed consistent with the other signage within the Marketplace. With the revisions to the colors and materials for the building, the signage will now match the building façade.

6. The Traffic Impact Analysis is required to determine the impact on and adherence to the Town Center goals per the Comprehensive Plan and Land Development Code. However, as of the date of this report, the transportation review has not been addressed.

   Response: As discussed with staff on August 27, 2025, the transportation review has been completed and the reviewing consultant has provided a recommendation for a right turn lane at the existing driveway entrance on Tuskawilla Rd. Site constraints were discussed with staff including impacts to existing Duke infrastructure and encroachments into an existing Duke easement that prevent the right turn lane from being feasible. As an alternative, the northern curb radius into the property can be increased to allow for an easier turning movement for incoming traffic.

7. There is no hardship present on the subject site to meet all the relevant standards for the Town Center to continue being a place where people can reside in a mix of single and multiple family dwellings, work, gather to shop, relax, recreate, be entertained, attend community events, and enjoy the natural beauty of lands located in the Town Center.

   Response: We feel that the proposed use is a complimentary use for the overall Marketplace and will complete a "one-stop shop" development for the community to utilize. Accommodations for pedestrian traffic have been made to the extent practicable given the necessary layout of the project.

8. It is not consistent with the use of a "corner store" or neighborhood convenience store to have the building placed 182 feet behind the corner.

   Response: We believe the intent of the code referenced was specific to the parcel being located at an intersection rather than specific to the principal building location.

Utility Comments

1. Two dimensions are shown: 11 feet and (7+5) = 12 feet. Please indicate that the open cut width is 12 feet. Repeat comment: Provide MOT notes for traffic movement and safety during open cut operations.

   Response: The open cut width is 12', the conflicting dimensions have been removed from the Demolition Plan (C3.0). As discussed with staff on August 29, 2025, an additional MOT note has been added to the Demolition Plan instructing the contract to obtain an MOT permit from the City of Winter Springs prior to commencing construction.

2. Existing gate valve shown, label both gate valves within Detail 1 on Sheet C6.0.

   Response: Additional leader has been added to existing gate valve.

3. Repeat comment: Provide restraint joint table for PVC pipe.

   Response: As discussed with staff on August 29, 2025, restrained joints are not required for the scope of this project. As indicated in the restrained joint table detail, restrained joints are only required for 4" lines and above. Additionally, the portion of 8" PVC that will be extended to the project does not have any bends and does not require a restrained joint.

4. Repeat comment: Provide design information for size of proposed grease trap.

   Response: Grease trap calculations are included with the building permit application submittal as they are sized by the MEP. Revised preliminary grease trap calcs have been included for a standard Wawa in Central Florida showing the proposed grease trap is of adequate size. Final calculations will be provided during building permit review.

5. The irrigation plan indicates a water meter on the southeast side of the building. Neither the irrigation plan nor the utility plan describes or details how the irrigation system will be serviced. **Comment Revision**: Could not be verified – Irrigation Plans were not provided.

   Response: As discussed with staff on August 29, 2025, irrigation plans were uploaded to the portal with the previous submittal on 7/28/2025 that show the intended irrigation connection to the existing irrigation line along the southern edge of the property.

6. Verify that the FDEP water main to sanitary sewer separation requirements are met – 10 feet preferred. 6 feet minimum if vertical separation is obtained.

   Response: As discussed with staff on August 29, 2025, the separation requirements noted by FDEP are specifically for public potable water mains, not private services.

If you have any further questions, please do not hesitate to contact our office, or email me at cory.sitler@kimley-horn.com.

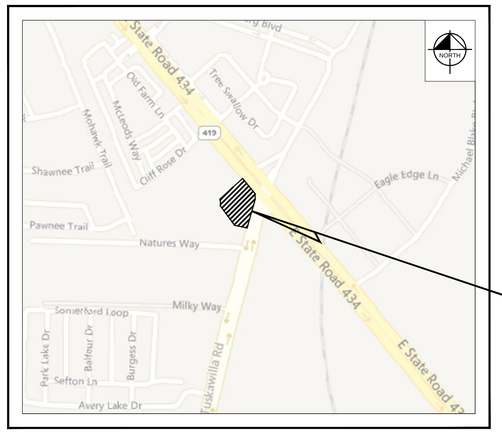
Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Cory Sitler

Cory Sitler P.E.
Project Manager

K:\ORL_Civil\149170026-Winter Springs Wawa\AGENCY PERMITS\City of Winter Springs\COMMENTS\2025-08-12 Wawa Comments Round #3\Site Plan Comments FEDP 0016.docx



SITE

LOCATION MAP
N.T.S.

CONSTRUCTION PLANS

FOR

Wawa

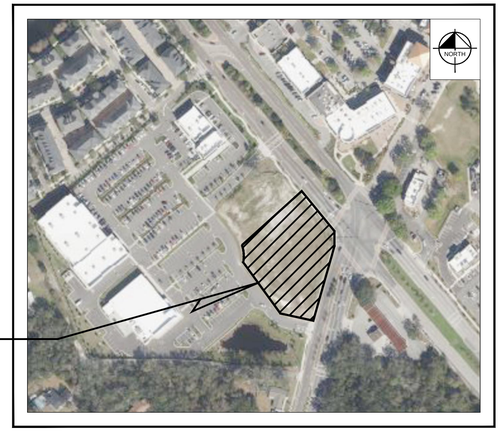
AUGUST 2025

CITY OF WINTER SPRINGS, FL

PROPERTY INFO:
164 TUSKAWILLA ROAD
WINTER SPRINGS, FL 32708

PARCEL ID. 36-20-30-502-0000-0090

Wawa Store # TBD



SITE

AERIAL PHOTOGRAPH
N.T.S.

Sheet List Table	
Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	GENERAL NOTES
C1.1	GENERAL NOTES
C2.0	SWPPP NOTES
C2.1	EROSION CONTROL DETAILS
C3.0	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0	SITE PLAN
C5.0	PAVING AND GRADING PLAN
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C6.0	UTILITY PLAN
C7.0	FIRE TRUCK ROUTING PLAN
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C8.0	ACCESSIBILITY PLAN
C9.0	WAWA STANDARD DETAILS
C9.1	WAWA STANDARD DETAILS
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C9.3	GENERAL CONSTRUCTION DETAILS
C9.4	GENERAL CONSTRUCTION DETAILS
C10.0	UTILITY DETAILS
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C10.2	UTILITY DETAILS
L1.00	LANDSCAPE PLAN
L1.50	LANDSCAPE DETAILS
L1.51	LANDSCAPE SPECIFICATIONS
L2.00	IRRIGATION PLAN
L2.50	IRRIGATION DETAILS
L2.51	IRRIGATION NOTES

WINTER SPRINGS WAWA
K-H PROJECT# 249473000
08/28/25

LEGAL DESCRIPTION:

THAT PART OF LOT 9, JOE E. JOHNSTON'S SURVEY, RECORDED IN DEED BOOK 147, PAGE 221, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, AND ALSO BEING THAT PART OF LOT 8 BLOCK A, AND THAT PART OF THE UNPLATTED PART OF BLOCK B OF D. R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, AND ALSO THAT PART OF THE VACATED STREET AS SET FORTH IN RESOLUTION RECORDED IN OFFICIAL RECORDS BOOK 2972, PAGE 373 MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF JESUP'S RESERVE TOWNHOMES REPLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 71, PAGES 86 THROUGH 93, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA; THENCE RUN S39°45'03"E ALONG THE SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD NO. 434 PER OFFICIAL RECORDS BOOK 2803, PAGE 1023, AND OFFICIAL RECORDS BOOK 2831, PAGE 1024, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, A DISTANCE OF 442.36 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE S39°45'03"E ALONG SAID SOUTH RIGHT OF WAY LINE, A DISTANCE OF 103.50 FEET; THENCE RUN S13°15'20"E ALONG THE WEST RIGHT OF WAY LINE OF TUSKAWILLA ROAD PER OFFICIAL RECORDS BOOK 8377, PAGE 27, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, A DISTANCE OF 44.85 FEET; THENCE CONTINUE S13°18'28"W ALONG SAID WEST RIGHT OF WAY LINE, A DISTANCE OF 223.26 FEET TO A POINT ON A NON-TANGENT CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 2.00 FEET; THENCE FROM A RADIAL BEARING OF N76°41'29"W RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 59°49'28", AN ARC DISTANCE OF 2.09 FEET, HAVING A CHORD BEARING OF S43°13'15"W AND A CHORD DISTANCE OF 1.99 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 24.33 FEET; THENCE RUN WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 30°50'10", AN ARC DISTANCE OF 13.09 FEET, HAVING A CHORD BEARING OF S88°33'05"W AND A CHORD DISTANCE OF 12.94 FEET; THENCE RUN N76°01'50"W, A DISTANCE OF 60.93 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 20.00 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 35°56'47", AN ARC DISTANCE OF 12.55 FEET, HAVING A CHORD BEARING OF N58°03'27"W AND A CHORD DISTANCE OF 12.34 FEET; THENCE RUN N40°05'03"W, A DISTANCE OF 178.00 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 15.00 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 42°05'15", AN ARC DISTANCE OF 11.02 FEET, HAVING A CHORD BEARING OF N19°02'26"W AND A CHORD DISTANCE OF 10.77 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 130.00 FEET; THENCE RUN NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 10°50'21", AN ARC DISTANCE OF 24.59 FEET, HAVING A CHORD BEARING OF N03°24'59"W AND A CHORD DISTANCE OF 24.56 FEET; THENCE RUN N49°54'57"E, A DISTANCE OF 233.19 FEET TO THE POINT OF BEGINNING;

WAWA, INC. SITE DATA	
BUILDING TYPE	U45 M
CANOPY TYPE	SLOPED
CANOPY CONFIGURATION	STACKED
NUMBER OF MPDs (TYPE)	6 (3+1), 4 (3+1+1)
NUMBER OF PARKING SPACES	38
NUMBER OF HANDICAP SPACES	2
NUMBER OF TRUCK/OVERSIZED SPACES:	0
SQ.FT. OF ASPHALT ON-SITE (TO BE SEAL COATED)	20,386 SF
SQ.FT. OF LAWN AREA (TO BE MOWED)	6,633 SF
SQ.FT. OF MULCH AREAS	TBD

SIGNAGE NOTE:

ANY AND ALL SIGNAGE DEPICTED WITHIN THESE DRAWINGS ARE SCHEMATIC IN NATURE. ANY APPROVAL RECEIVED FOR THIS BUILDING PERMIT DOES NOT CONSTITUTE APPROVAL FOR THE CONSTRUCTION OF ANY SIGN /SIGN STRUCTURE COVERED WITHIN ORANGE COUNTY CODE SECTION 31.5. SIGNAGE MUST COMPLY WITH ORANGE COUNTY CODE SECTION 31.5 OR ANY APPLICABLE APPROVED SIGN PLAN. ALL PROPOSED SIGNAGE, INCLUDING SIGNAGE STRUCTURES, ARE REQUIRED TO SUBMIT A SEPARATE APPLICATION AND SHALL BE PROCESSED FOR REVIEW BY ZONING, BUILDING AND DEVELOPMENT ENGINEERING.

UTILITY PROVIDERS

CABLE :
CHARTER COMMUNICATIONS
3767 ALL AMERICAN BLVD.
ORLANDO, FL 32810
CONTACT: RAMON NUNEZ
PHONE: (407) 215-5870

CITY OF WINTER SPRINGS
1126 E. S.R. 434
WINTER SPRINGS, FL 32708
CONTACT: CLETE SAUNIER
PHONE: (407) 327-5989

TELEPHONE:
AT&T
132 COMMERCE WAY
SANFORD, FL 32771
CONTACT: SCOTT LORENZ
PHONE: (407) 302-7611

GAS:
FLORIDA PUBLIC UTILITIES CO.
450 S. HWY 17-92
DEBARY, FL 33713
CONTACT: DAVID JOHNSON
PHONE: (352) 636-7057

POWER :
DUKE ENERGY
2801 WEST STATE ROAD 426
OVIEDO, FL 32765
CONTACT: BENITA ROSTEL
PHONE: (407) 359-4447

DEVELOPMENT TEAM

OWNER/DEVELOPER
TUSCAWILLA PROPERTY INVESTORS LLC.
630 S. MAITLAND AVE., SUITE 100
MAITLAND, FL 32751
CONTACT: RYAN STAHL
PHONE: (407) 628-0077
EMAIL: RSTAHL@EQUINOX-DEVELOPMENT.COM

ENGINEER
KIMLEY HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350
ORLANDO, FL 32827
CONTACT: CORY SITLER, P.E.
PHONE: (407) 536-4440
EMAIL: CORY.SITLER@KIMLEY-HORN.COM

LANDSCAPE ARCHITECT
KIMLEY HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350
ORLANDO, FL 32827
CONTACT: MATT FRANKO, PLA
PHONE: (407) 536-4440
EMAIL: MATT.FRANKO@KIMLEY-HORN.COM

SURVEYOR
IRELAND & ASSOCIATES SURVEYING, INC
800 CURRENCY CIRCLE, SUITE 1020
LAKE MARY, FL 32746
CONTACT: PATRICK IRELAND
PHONE:(407) 320-3366
EMAIL: TDUNCAN@IRELANDSURVEYING.COM

THIS PROJECT WILL BE PRIVATELY OWNED AND MAINTAINED BY
TUSCAWILLA PROPERTY INVESTORS LLC

PREPARED BY
Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
200 S Orange Ave, Suite 600, Orlando, FL 32801
Phone: (407) 898-1511
WWW.KIMLEY-HORN.COM CA 00000696

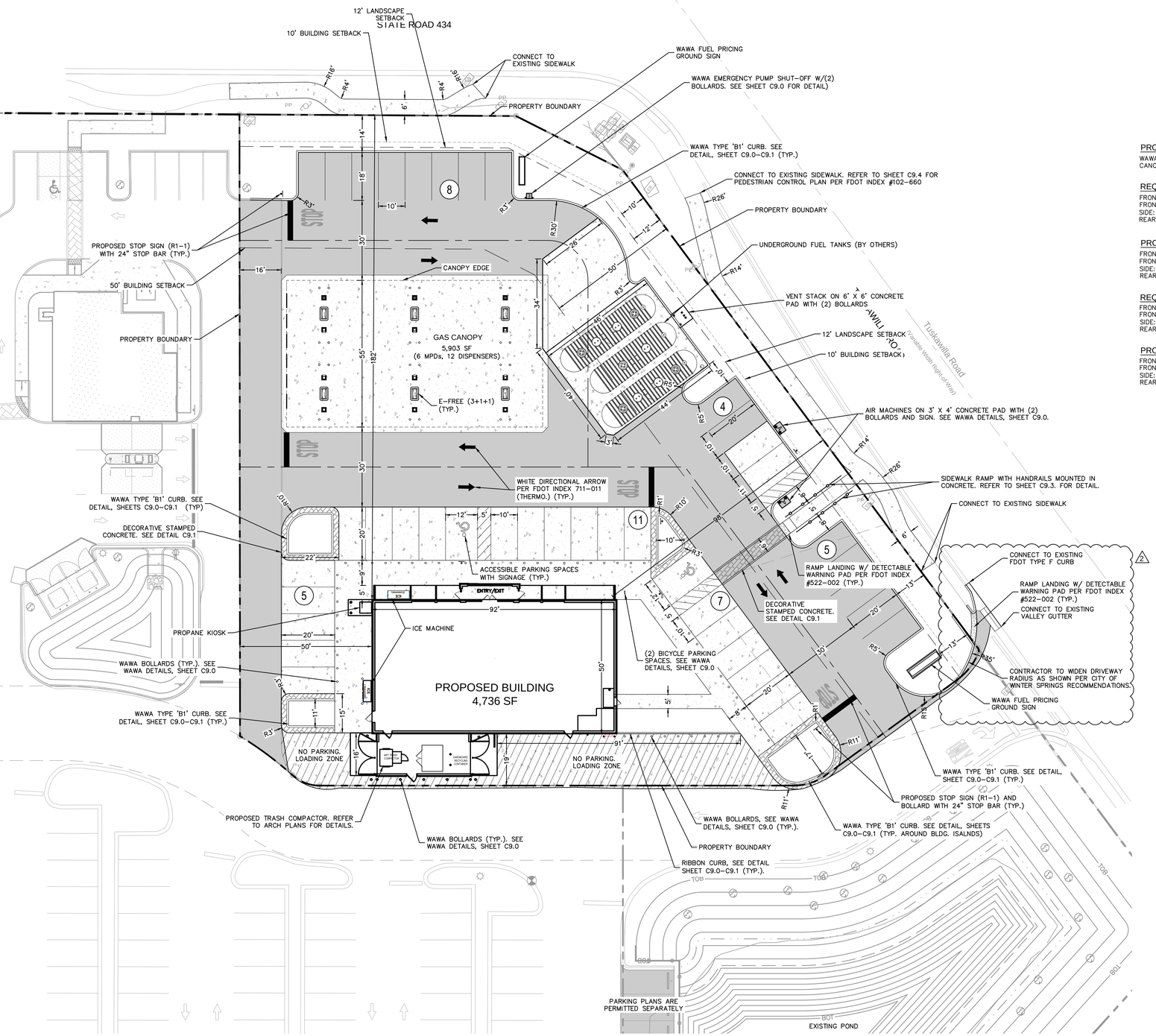
Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

CORY N. SITLER LICENSE No. 89984 STATE OF FLORIDA PROFESSIONAL ENGINEER

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	08/28/25	AGL
2	REVISED PER CITY COMMENTS	07/18/25	MHB

SHEET NUMBER
C0.0

Drawing name: K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C0.0 COVER SHEET.dwg COVER SHEET Sep 02, 2025 2:15pm by Arlene.LaRocque
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

- PROPERTY LINE
- (11) PARKING SPACE COUNT
- PROPOSED CONCRETE, SEE SHEET C9.1 FOR DETAILS
- PROPOSED STAMPED CONCRETE, SEE SHEET C9.0 FOR DETAILS
- STANDARD DUTY ASPHALT, SEE SHEET C9.1 FOR DETAILS

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

PROVIDED BUILDING HEIGHTS

WAWA:	33 FT
CANOPY:	25 FT

REQUIRED BUILDING SETBACKS

FRONT (TUSKAWILLA RD):	25 FT MIN TO 50 FT MAX
FRONT (S.R. 434):	25 FT MIN TO 50 FT MAX
SIDE:	5 FT MIN TO 100 FT MAX
REAR:	15 FT MIN

PROVIDED BUILDING SETBACKS

FRONT (TUSKAWILLA RD):	50 FT
FRONT (S.R. 434):	50 FT
SIDE:	0 FT
REAR:	0 FT

REQUIRED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
FRONT (S.R. 434):	12 FT
SIDE:	10 FT
REAR:	10 FT

PROVIDED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
FRONT (S.R. 434):	12 FT
SIDE:	0 FT
REAR:	0 FT

OVERALL SITE DATA:

PROJECT AREA:	52,833 SQ. FT (1.21 AC)
ZONING:	T-5 URBAN CENTER ZONE
PARCEL ID:	36-20-30-502-0000-0090
FUTURE LAND USE:	COMMERCIAL
PROPOSED USE:	COMMERCIAL
MINIMUM BUILDING HEIGHT:	2-STORIES
MAXIMUM BUILDING HEIGHT:	5-STORIES

ABUTTING PARCEL DATA:

ADJACENT PARCEL ID:	ZONING	FUTURE LAND USE
36-20-30-502-0000-0080	T-5 URBAN CENTER ZONE	COMMERCIAL
01-21-30-5VK-0000-0040	T-5 URBAN CENTER ZONE	COMMERCIAL
01-21-30-5VK-0C00-0000	T-5 URBAN CENTER ZONE	COMMERCIAL

BUILDING COVERAGE:

PROPOSED FLOOR AREA:	
WAWA:	4,736 SF
TOTAL FLOOR AREA:	4,736 SF
F.A.R. (4,736 SF/52,833 SF)	0.20
MAXIMUM ALLOWABLE F.A.R.	1.0 MAXIMUM

OVERALL IMPERVIOUS CALCULATIONS

MAXIMUM IMP. AREA (PER DRAINAGE CALCS):	1.02 AC
BUILDING AREA:	0.24 AC (9.0%)
PAVEMENT AREA:	0.78 AC (50.8%)
TOTAL IMPERVIOUS AREA:	1.02 AC (84.3%)
TOTAL OPEN SPACE:	0.19 AC (15.7%)

REQUIRED PARKING:

FROM PARKING STUDY:	
WAWA PARKING:	50 SPACES
TOTAL PARKING SPACES REQUIRED:	50 SPACES

PROVIDED PARKING:

REGULAR SPACES (10'X20'):	38 SPACES
ADA SPACES (ALL VAN ACCESSIBLE):	2 SPACES
OFF-SITE EMPLOYEE PARKING: (UNDER SEPARATE PERMIT)	10 SPACES
TOTAL PARKING SPACES PROVIDED:	50 SPACES

REQUIRED BICYCLE PARKING:

FROM TRAFFIC IMPACT ANALYSIS: 1 SPACE PER 5,000 SF OR 2 SPACES MIN.	2 SPACES
TOTAL PARKING SPACES REQUIRED:	2 SPACES

PROVIDED BICYCLE PARKING:

WAWA – GAS STATION/CONVENIENCE STORE	2 SPACES
TOTAL BICYCLE PARKING SPACES:	2 SPACES

LANDSCAPING

ALL LANDSCAPING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE

SITE SIGNAGE

PERMANENT SITE SIGNAGE WILL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE.

REGULATORY SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD (2009 ED.) AND FDOT DESIGN STANDARDS (LATEST ED.)

STORMWATER MANAGEMENT

STORMWATER RUNOFF FOR THE PROPOSED ONSITE IMPROVEMENTS WILL BE MANAGED THROUGH THE EXISTING WET DETENTION, DRY DETENTION, AND EXFILTRATION STORMWATER MANAGEMENT SYSTEM WHICH HAS BEEN DESIGNED TO MEET THE CITY OF WINTER SPRINGS CODE AND THE REQUIREMENTS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD).

100-YEAR FLOOD PLAIN

THE PROPERTY IS LOCATED OUTSIDE THE FLOODPLAIN WITHIN "ZONE X" – AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN – PER FEMA FIRM, MAP NUMBER 12117C0160F, REVISED ON SEPTEMBER 28, 2007.

PHASING

ALL SITE WORK AND INFRASTRUCTURE WILL BE COMPLETED IN ONE (1) PHASE

GENERAL NOTES:

1. HANDICAP ACCESSIBLE PARKING SPACES AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE (2012 ED.).
2. HANDICAP ACCESSIBLE PARKING SPACES PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH FDOT INDEX #711-001, SHEET 12 (LATEST ED.).
3. ALL LANDSCAPE ISLANDS CURB RADII ARE 5-FT UNLESS OTHERWISE NOTED.
4. TYPICAL AT ALL INTERNAL ON SITE INTERSECTIONS (PRIVATE), UNLESS OTHERWISE NOTED: PROVIDE 24" WHITE STOP BAR WITH 24" STOP SIGN
5. PEDESTRIAN CIRCULATION – SIDEWALKS, SIDEWALK CROSSINGS, RAMPINGS (PEDESTRIAN ACCESS SHALL CONNECTION EACH OF THE BUILDINGS TO ONE ANOTHER AN SHALL CONNECT TO THE RIGHT-OF-WA UTILIZING ALTERNATIVE PAVEMENT THROUGHOUT – PAINT/THERMOPLASTIC IS NOT ACCEPTABLE). PEDESTRIAN CROSSWALKS SHALL BE OF CONTRASTING MATERIALS OR TEXTURED OR STAMPED CONCRETE OR ASPHALT TO GIVE THE APPEARANCE OF CONTRASTING MATERIALS. PLEASE REFER TO SHEET C9.0 FOR DETAILS.

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED PROFESSIONAL ENGINEER
CORY S. SMITH
STATE OF FLORIDA
No. 97572
08/28/25
DATE

KHA PROJECT 149170026
DATE 08/28/25
SCALE AS SHOWN
DESIGNED BY CNS
DRAWN BY MMB
CHECKED BY ADL

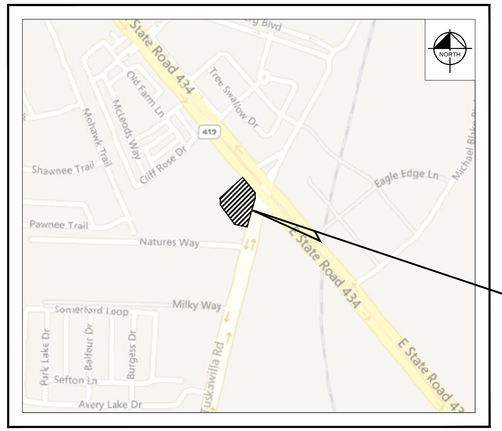
SITE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C4.0

Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:SITE PLAN September 02, 2025 02:15:19pm K:\od_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C4.0 SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuser of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



SITE

LOCATION MAP
N.T.S.

CONSTRUCTION PLANS

FOR

Wawa

AUGUST 2025

CITY OF WINTER SPRINGS, FL

PROPERTY INFO:
XXX
ORLANDO, FL 32708
PARCEL ID. 36-20-30-502-0000-0090



SITE

AERIAL PHOTOGRAPH
N.T.S.

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WINTER SPRINGS WAWA
K-H PROJECT# 249473000
08/28/25

LEGAL DESCRIPTION:

THAT PART OF LOT 9, JOE E. JOHNSTON'S SURVEY, RECORDED IN DEED BOOK 147, PAGE 221, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, AND ALSO BEING THAT PART OF LOT 8 BLOCK A, AND THAT PART OF THE UNPLATTED PART OF BLOCK B OF D. R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, AND ALSO THAT PART OF THE VACATED STREET AS SET FORTH IN RESOLUTION RECORDED IN OFFICIAL RECORDS BOOK 2972, PAGE 373 MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF JESUP'S RESERVE TOWNHOMES REPLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 71, PAGES 86 THROUGH 93, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA; THENCE RUN S39°45'03"E ALONG THE SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD NO. 434 PER OFFICIAL RECORDS BOOK 2803, PAGE 1023, AND OFFICIAL RECORDS BOOK 2831, PAGE 1024, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, A DISTANCE OF 442.36 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE S39°45'03"E ALONG SAID SOUTH RIGHT OF WAY LINE, A DISTANCE OF 103.50 FEET; THENCE RUN S13°15'20"E ALONG THE WEST RIGHT OF WAY LINE OF TUSKAWILLA ROAD PER OFFICIAL RECORDS BOOK 8377, PAGE 27, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, A DISTANCE OF 44.85 FEET; THENCE CONTINUE S13°18'28"W ALONG SAID WEST RIGHT OF WAY LINE, A DISTANCE OF 223.26 FEET TO A POINT ON A NON-TANGENT CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 2.00 FEET; THENCE FROM A RADIAL BEARING OF N76°41'29"W RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 59°49'28", AN ARC DISTANCE OF 2.09 FEET, HAVING A CHORD BEARING OF S43°13'15"W AND A CHORD DISTANCE OF 1.99 FEET TO A POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 24.33 FEET; THENCE RUN WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 30°50'10", AN ARC DISTANCE OF 13.09 FEET, HAVING A CHORD BEARING OF S88°33'05"W AND A CHORD DISTANCE OF 12.94 FEET; THENCE RUN N76°01'50"W, A DISTANCE OF 60.93 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 20.00 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 35°56'47", AN ARC DISTANCE OF 12.55 FEET, HAVING A CHORD BEARING OF N58°03'27"W AND A CHORD DISTANCE OF 12.34 FEET; THENCE RUN N40°05'03"W, A DISTANCE OF 178.00 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 15.00 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 42°05'15", AN ARC DISTANCE OF 11.02 FEET, HAVING A CHORD BEARING OF N19°02'26"W AND A CHORD DISTANCE OF 10.77 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 130.00 FEET; THENCE RUN NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 10°50'21", AN ARC DISTANCE OF 24.59 FEET, HAVING A CHORD BEARING OF N03°24'59"W AND A CHORD DISTANCE OF 24.56 FEET; THENCE RUN N49°54'57"E, A DISTANCE OF 233.19 FEET TO THE POINT OF BEGINNING;

WAWA, INC. SITE DATA	
BUILDING TYPE	U45 M
CANOPY TYPE	SLOPED
CANOPY CONFIGURATION	STACKED
NUMBER OF MPDs (TYPE)	6 (3+1), 4 (3+1+1)
NUMBER OF PARKING SPACES	38
NUMBER OF HANDICAP SPACES	2
NUMBER OF TRUCK/OVERSIZED SPACES:	0
SQ.FT. OF ASPHALT ON-SITE (TO BE SEAL COATED)	20,386 SF
SQ.FT. OF LAWN AREA (TO BE MOWED)	6,633 SF
SQ.FT. OF MULCH AREAS	TBD

SIGNAGE NOTE:

ANY AND ALL SIGNAGE DEPICTED WITHIN THESE DRAWINGS ARE SCHEMATIC IN NATURE. ANY APPROVAL RECEIVED FOR THIS BUILDING PERMIT DOES NOT CONSTITUTE APPROVAL FOR THE CONSTRUCTION OF ANY SIGN /SIGN STRUCTURE COVERED WITHIN ORANGE COUNTY CODE SECTION 31.5. SIGNAGE MUST COMPLY WITH ORANGE COUNTY CODE SECTION 31.5 OR ANY APPLICABLE APPROVED SIGN PLAN. ALL PROPOSED SIGNAGE, INCLUDING SIGNAGE STRUCTURES, ARE REQUIRED TO SUBMIT A SEPARATE APPLICATION AND SHALL BE PROCESSED FOR REVIEW BY ZONING, BUILDING AND DEVELOPMENT ENGINEERING.

UTILITY PROVIDERS

CABLE :
CHARTER COMMUNICATIONS
3767 ALL AMERICAN BLVD.
ORLANDO, FL 32810
CONTACT: RAMON NUNEZ
PHONE: (407) 215-5870

CITY OF WINTER SPRINGS
1126 E. S.R. 434
WINTER SPRINGS, FL 32708
CONTACT: CLETE SAUNIER
PHONE: (407) 327-5989

TELEPHONE:
AT&T
132 COMMERCE WAY
SANFORD, FL 32771
CONTACT: SCOTT LORENZ
PHONE: (407) 302-7611

GAS:
FLORIDA PUBLIC UTILITIES CO.
450 S. HWY 17-92
DEBARY, FL 33713
CONTACT: DAVID JOHNSON
PHONE: (352) 636-7057

POWER :
DUKE ENERGY
2801 WEST STATE ROAD 426
OVIEDO, FL 32765
CONTACT: BENITA ROSTEL
PHONE: (407) 359-4447

Wawa Store # XXX

DEVELOPMENT TEAM

OWNER/DEVELOPER
TUSCAWILLA PROPERTY INVESTORS LLC.
630 S. MAITLAND AVE., SUITE 100
MAITLAND, FL 32751
CONTACT: RYAN STAHL
PHONE: (407) 628-0077
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ENGINEER
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LANDSCAPE ARCHITECT
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SURVEYOR
IRELAND & ASSOCIATES SURVEYING, INC
800 CURRENCY CIRCLE, SUITE 1020
LAKE MARY, FL 32746
CONTACT: PATRICK IRELAND
PHONE:(407) 320-3366
EMAIL: TDUNCAN@IRELANDSURVEYING.COM

THIS PROJECT WILL BE PRIVATELY OWNED AND MAINTAINED BY
TUSCAWILLA PROPERTY INVESTORS LLC

PREPARED BY
Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
200 S Orange Ave, Suite 600, Orlando, FL 32801
Phone: (407) 898-1511
WWW.KIMLEY-HORN.COM CA 00000696

Corey N. Sitler, P.E., State of Florida,
Professional Engineer, License No. 89984

This item has been digitally signed and sealed by Cory N. Sitler, P.E. on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Cory N Sitler
DN: CN=Cory N. Sitler, serialNumber=A01410D000000181FD306CF80006C186, OU=KIMLEY-HORN AND ASSOCIATES, C=US
Date: 2025.08.29 11:15:36-04'00'

CORY N. SITLER LICENSE No. 89984 STATE OF FLORIDA PROFESSIONAL ENGINEER

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

SHEET NUMBER
C0.0

Drawing name: K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C0.0 COVER SHEET.dwg COVER SHEET Aug 29, 2025 9:21am by Arlene.LaRocque
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, SUCH AS DEWATERING PERMITS, RIGHT OF WAY PERMIT(S), EXCAVATION/FILL PERMIT(S), FIRE PROTECTION PERMIT(S), OR UNDERGROUND UTILITY PERMIT(S), PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL INSPECTION CRITERIA OF APPLICABLE AGENCIES, SCHEDULING OF INSPECTIONS, AND OBTAINING REQUIRED INSPECTIONS FROM AGENCY.
2. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY IRELAND & ASSOCIATES AND SURVEYING, INC. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES, AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OF THE SURVEY. SHOULD A DISCREPANCY ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, WHICH WOULD APPRECIABLY AFFECT THE EXECUTION OF THESE PLANS, THE CONTRACTOR SHALL HALT CONSTRUCTION AND NOTIFY THE OWNER, ENGINEER, AND APPLICABLE GOVERNING AGENCY IMMEDIATELY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING (HORIZONTALLY AND VERTICALLY) ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES (DURING STANDARD BUSINESS HOURS) TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, TEMPORARY DISTRIBUTION SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. THE CONTRACTOR SHALL COOPERATE WITH UTILITY COMPANY (DURING STANDARD BUSINESS HOURS) DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. FLORIDA LAW (F.S. 556) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA: SUNSHINE STATE ONE-CALL OF FLORIDA) BY CALLING 800-432-4770 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPONSE TO THE POSITIVE RESPONSE SYSTEM.
4. ALL DISTURBED AREAS (ON-SITE AND/OR OFF-SITE) NOT DESIGNED OR NOTED TO BE LANDSCAPED OR SODDED, SHALL BE MULCHED AND SEEDED.
5. THE CONTRACTOR SHALL NOT EXCAVATE, REMOVE, OR OTHERWISE DISTURB ANY MATERIAL, STRUCTURE, OR PART OF A STRUCTURE WHICH IS LOCATED OUTSIDE THE LINES, GRADES, OR GRADING SECTIONS ESTABLISHED FOR THIS PROJECT, EXCEPT WHERE SUCH EXCAVATION OR REMOVAL IS PROVIDED FOR IN THE CONTRACT, PLANS, OR SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS.
6. ALL WORK AND MATERIALS FURNISHED SHALL BE IN CONFORMITY WITH THE LINES, GRADES, GRADING SECTIONS, CROSS SECTIONS, DIMENSIONS, MATERIAL REQUIREMENTS, AND TESTING REQUIREMENTS THAT ARE SPECIFIED IN THE CONTRACT PLANS OR SPECIFICATIONS.
7. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION, AS APPLICABLE AT THE TIME ALL PERMITS HAVE BEEN OBTAINED.
8. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
9. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES.
10. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO THE OWNER'S ENGINEER FOR REVIEW.

    SHOP DRAWINGS OF ALL DRAINAGE STRUCTURES, MATERIALS, AND COMPONENTS TO BE INSTALLED WITHIN CITY OF WINTER SPRINGS PUBLIC RIGHTS-OF-WAY, SHALL BE SUBMITTED TO THE CITY OF WINTER SPRINGS FOR REVIEW AND APPROVAL. UPON ENGINEER OR RECORD'S COMPLETION OF REVIEW AND APPROVAL OF SHOP DRAWINGS FOR WORK WITHIN THE CITY OF WINTER SPRINGS'S JURISDICTION THE ENGINEER OF RECORD SHALL COORDINATE SHOP DRAWING SUBMITTALS TO THE CITY OF WINTER SPRINGS FOR THEIR REVIEW AND APPROVAL.
11. CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATION(S) OF UNDERGROUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAD(S) AND ASSOCIATED ELECTRIC FACILITIES.
12. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
13. THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOAD RESTRICTIONS IN HAULING OF MATERIALS IN PUBLIC ROADS BEYOND THE LIMITS OF WORK. A SPECIAL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR THE DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL AND EQUIPMENT.
14. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA.
15. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
16. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARD PLANS FOR ROAD CONSTRUCTION" (ED. 2025-26) FOR DETAILS AND SPECIFICATIONS OF ALL CURB AND GUTTERS CALLED FOR IN THESE PLANS WITHIN PUBLIC RIGHTS OF WAY.
17. WHERE ASPHALT PAVING MEETS CONCRETE PAVING SUCH AS AT CONCRETE CURBING, THE ASPHALT SHOULD BE FINISHED ¼" TO ½" ABOVE THE CONCRETE SURFACE TO ALLOW FOR FURTHER TRAFFIC COMPACTION OF THE ASPHALT.
18. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE SOIL AND/OR PAVEMENT TESTING WITH THE GEOTECHNICAL ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE GEOTECHNICAL SOILS REPORT. UPON COMPLETION OF WORK, THE GEOTECHNICAL ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
19. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
20. ALL CONCRETE SIDEWALKS SHALL BE CONSTRUCTED PER FDOT DESIGN INDEX (ED. 2025/2026) #522-001. 1
21. SITEWORK SHALL COMPLY WITH 2023 FLORIDA BUILDING CODE AND FLORIDA ACCESSIBILITY CODE.
22. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED AND SHALL COPY THE CITY OF WINTER SPRINGS ON ANY WELL ABANDONMENT PERMITS.
23. . ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.

TREES AND VEGETATION

1. THE CONTRACTOR IS TO MINIMIZE THE REMOVAL OF VEGETATION TO THE GREATEST EXTENT PRACTICAL. NO TREES SHALL BE REMOVED OR DAMAGED WITHOUT OWNER'S APPROVAL. TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED BY ORANGE FENCING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS AND RETENTION AND DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
3. REFER TO LANDSCAPE PLANS FOR DETAILS REGARDING TREE REMOVAL AND TREE PRESERVATION.

PAVEMENT MARKING AND SIGNAGE

1. THE INSTALLATION, SHAPE, AND SIZE OF ALL SIGNS AND THEIR LETTERING SHALL COMPLY WITH THE LATEST EDITIONS OF THE U.S. DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, ED. 2023" (MUTCD), AND THE F.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ED. 2024", AND THE F.D.O.T. "DESIGN STANDARDS, ED. 2025/2026". WHERE CONFLICTS EXIST BETWEEN THE PLANS AND THE ABOVE MENTIONED SPECIFICATIONS, THE MORE STRINGENT CRITERIA SHALL PREVAIL.
2. STOP BARS AND STOP SIGNS ARE TO BE PROVIDED AT ALL INTERNAL, ONSITE INTERSECTIONS, WITH THE EXCEPTION OF SIGNALIZED INTERSECTIONS (UNLESS OTHERWISE NOTED).
3. ALL PAVEMENT MARKINGS SHALL COMPLY WITH F.D.O.T. STANDARD INDEX #711-001 (ED. 2025/2026). 1

STORM DRAINAGE SYSTEM

1. THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARDS" (ED. 2025/2026) IS REFERRED TO FOR THE STRUCTURAL DESIGN OF DRAINAGE STRUCTURES SPECIFIED IN THESE PLANS, AS REFERENCED BY STANDARD INDEX. ALL SPECIALTY DRAINAGE STRUCTURES REQUIRE SEPARATE STRUCTURAL DESIGN, WHICH IS NOT INCLUDED IN THESE PLANS. STATION OFFSETS ARE TO THE CENTERLINE OF THE STRUCTURE TOP (I.E. DITCH BOTTOM INLET OR CURB INLET TOP), AS OPPOSED TO THE STRUCTURE BASE. 1
2. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.
3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES, WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS. LENGTHS OF PIPE SHOWN WHICH TERMINATE WITH MITERED END OR FLARED END SECTIONS ARE MEASURED TO THE DOWNSTREAM INVERT OF THE MITERED END OR FLARED END SECTION.
4. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED SHALL BE TRAFFIC RATED FOR H-20 LOADINGS.
5. CONSTRUCTION OF THE STORM WATER MANAGEMENT SYSTEM MUST BE COMPLETE AND ALL DISTURBED AREAS STABILIZED IN ACCORDANCE WITH THE PERMITTED PLANS AND CONDITIONS PRIOR TO ANY OF THE FOLLOWING: ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY; INITIATION OF INTENDED USE OF THE INFRASTRUCTURE; OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.
6. STORM WATER PIPES, STRUCTURES, MINIMUM COVER, AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH F.D.O.T. AND THE CITY OF WINTER SPRINGS STANDARDS AND SPECIFICATIONS.
7. DURING CONSTRUCTION, NO DIRECT DISCHARGE OF WATER TO DOWNSTREAM RECEIVING WATERS WILL BE ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER QUALITY AND SHALL ROUTE DISCHARGE WATER IN SUCH A MANNER AS TO ADEQUATELY REMOVE SILT PRIOR TO RUNOFF FROM THE SITE.
8. ALL DRAINAGE PIPES SHALL BE FILTER FABRIC WRAPPED PER FDOT STANDARD DESIGN INDEX (ED. 2025/2026) #430-001. 1
9. THE CONTRACTOR SHALL MAINTAIN AND PROTECT THE STORMWATER COLLECTION SYSTEM (INLETS, PIPES) FROM EXCESSIVE MUD, SILT, DIRT, DEBRIS, TRASH, ETC. UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE INSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL CLEAN AND FLUSH STORM PIPES AND INLETS OF ALL EXCESSIVE SILT, DEBRIS, ETC. THE CITY OF WINTER SPRINGS SHALL BE NOTIFIED OF THE FINAL INSPECTION OF THE STORMWATER SYSTEM SHOULD A REPRESENTATIVE WANT TO ATTEND.

SAFETY

1. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
2. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL PROVIDE FOR THE SAFETY AND CONTROL OF LOCAL TRAFFIC DURING CONSTRUCTION. ADDITIONAL INFORMATION MAY BE REQUIRED IF LANE CLOSURE DURATIONS ARE LONGER THAN DAYTIME OPERATIONS.

FDOT

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL COMPLY WITH THE LATEST EDITIONS OF THE DESIGN STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE UTILITY ACCOMMODATION MANUAL (UAM). 1
2. ALL R/W DISTURBED BY THIS WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER AND IN ACCORDANCE WITH APPLICABLE FDOT SPECIFICATIONS. ALL DISTURBED AREAS MUST BE SODDED, MATCHING EXISTING GRASS TYPE.
3. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR/SUBCONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.
4. ALL PROPOSED SURFACES SHALL BE GRADED TO DRAIN POSITIVELY TO ASSURE NO LOW POINTS HAVE BEEN CREATED, NO FLOODING TO ADJACENT PROPERTIES WILL OCCUR, SMOOTH SURFACES ARE MAINTAINED, AND NO STEEP OR UNUSUAL SLOPES ARE CREATED.

DEMOLITION

1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS.
3. CONTRACTOR SHALL CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
4. CONTRACTOR SHALL PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN".
5. CONTRACTOR SHALL RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
6. CONTRACTOR SHALL REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER.
7. CONTRACTOR SHALL DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED".
8. CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.

DEWATERING NOTES

1. DURING THE EXCAVATION OF THE STORMWATER FACILITIES, AND IF GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL CONSTRUCT A SEDIMENT BASIN TO PROVIDE A DISCHARGE POINT FOR DEWATERING. THE SEDIMENT BASIN CAN BE IN THE PROPOSED EXCAVATION AREA OF A POND OR IT CAN BE A BERMED AREA ABOVE GROUND. ALL DEWATERING MUST BE HELD IN THE SEDIMENT AREA UNTIL THE WATER IS CLEAN SUCH THAT THERE WOULD BE NO TURBID DISCHARGE. AFTER THE WATER IN THE SEDIMENT BASIN IS CLEAN, THE WATER MAY BE RELEASED INTO THE ON-SITE POND PROVIDED THERE IS NO ADVERSE IMPACT TO THE EXISTING WATER QUALITY.
2. UNDER NO CIRCUMSTANCES WILL THE DISCHARGE FROM THE ON-SITE DEWATERING BE DIRECTLY DISCHARGED OFFSITE.
3. IF CONTRACTOR ENCOUNTERS SILTY/CLAY SAND, WHICH CAUSES THE WATER TO BECOME TURBID, HE/SHE SHALL TREAT THE SEDIMENT BASIN WITH CHEMICAL ADDITIVE SUCH AS ALUM IN ORDER TO PROMOTE THE COAGULATION OF THE PARTICLES WHICH ALLOW THE TO SETTLE AND THE WATER TO BECOME LESS TURBID. IF TURBID WATER ENCOUNTERED DURING EXCAVATION OF THE PONDS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY TO DETERMINE THE COURSE OF ACTION THAT IS APPROPRIATE TO ELIMINATE THE TURBIDITY AND ALLOW DISCHARGE THAT MEETS WATER QUALITY STANDARDS.
4. THE CONTRACTOR SHALL SEQUENCE THE EXCAVATION OF THE STORMWATER PONDS SUCH THAT A SEDIMENT BASIN WILL BE AVAILABLE AT ALL TIMES. THE SEDIMENT BASIN CAN BE RELOCATED AS NECESSARY SUBJECT TO THE WATER WITHIN THE SEDIMENT BASIN BEING NON-TURBID AND ACCEPTABLE FOR DISCHARGE OFF-SITE.

EARTHWORK / GRADING / DEMUCKING PROCEDURES

1. A GEOTECHNICAL ENGINEERING INVESTIGATION REPORT HAS BEEN PREPARED, OF WHICH COPIES ARE AVAILABLE THROUGH THE OWNER OR THEIR SOIL TESTING COMPANY. A GEOTECHNICAL ENGINEER SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE ON-SITE INSPECTIONS DURING EXCAVATION/FILL OPERATIONS AND TESTING OF THE COMPACTED FILL SO THAT PROPER DOCUMENTATION OF THE REQUIRED COMPACTING CRITERIA CAN BE PROVIDED. THE CITY OF WINTER SPRINGS SHALL BE COPIED ON ALL INSPECTION REPORTS.
2. CONTRACTOR TO FOLLOW THE GUIDANCE OF THE REFERENCED GEOTECHNICAL ENGINEERING INVESTIGATION REPORT OR INDICATE WHETHER ON-SITE GEOTECHNICAL ENGINEER SHALL DETERMINE DEPTH OF DEMUCKING AND/OR REMOVAL OF UNSUITABLE FILL.
3. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS IN A LEGAL MANNER.
4. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
5. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE OWNER OR THEIR SOILS TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
7. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
8. THE CONTRACTOR SHALL INSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ALL HEADWALL/ENDWALL FOOTINGS, RETAINING WALL FOOTINGS, AND IN GENERAL, ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO FINAL INSTALLATION OF IMPROVEMENTS.
9. ANY UNSUITABLE ORGANIC SOIL SHALL BE EXCAVATED TO A MINIMUM MARGIN OF 6 FEET BEYOND ITS PERIPHERY EXCAVATED TO EXPOSE THE UNDERLYING NON-ORGANIC FINE SAND.
10. IF DETERMINED NECESSARY, DEWATERING DURING EXCAVATING/BACKFILLING OPERATIONS MAY BE ACCOMPLISHED BY DITCHING AND THE USE OF SUMP PUMPS AND/OR OTHER METHODS (WELL POINTS), AS NECESSARY. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR DEWATERING ACTIVITIES THAT MAY BE REQUIRED.
11. UPON APPROVAL OF THE GEOTECHNICAL ENGINEER, THE EXCAVATED AREAS MAY BE BACKFILLED WITH CLEAN FINE SAND FREE OF UNSUITABLE OR DELETERIOUS MATERIAL. HOWEVER, THE FILL SHOULD NOT BE PLACED IN MORE THAN 6 INCHES OF STANDING WATER. ONCE THE FILL IS AT LEAST 2 FEET ABOVE THE DEWATERED LEVEL, BACKFILLING MAY PROCEED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
12. SEDIMENT CONTROL MEASURES SHOULD BE EMPLOYED DURING THE CONSTRUCTION PROCESS TO KEEP THE POND FROM RECEIVING SIGNIFICANT AMOUNTS OF STORMWATER RUNOFF FROM THE SURROUNDING CONSTRUCTION SITE. THIS RUNOFF IS LIKELY TO CONTAIN SUSPENDED FINE-GRAINED SOIL PARTICLES THAT CAN IMPEDE THE INFILTRATION CAPACITY OF THE PONDS IF ALLOWED TO SETTLE OUT ON THE POND BOTTOMS. IF DEWATERING EFFLUENT OR STORMWATER RUNOFF FROM THE ACTIVE CONSTRUCTION SITE IS DISCHARGED TO THE POND, CONTRACTOR SHALL SCRAPE AND REMOVE FINE-GRAINED SEDIMENTS THAT HAVE ACCUMULATED ON THE POND BOTTOM, AND REPLACE WITH SUITABLE SOIL TO THE PLAN SPECIFIED GRADE ELEVATIONS. REQUIRED DEPTH OF SCRAPE AND REMOVAL SHALL BE DETERMINED BY GEOTECHNICAL ENGINEER.

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

Kimley»Horn

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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED LANDSCAPE ARCHITECT — CORY N. SITTLER — LICENSE NO. 0001234 — STATE OF FLORIDA — PROFESSIONAL LANDSCAPE ARCHITECT — DATE: 08/28/25

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

GENERAL NOTES

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER C1.0

Plotted By:LaRocque, Athena Sheet Set:WINTER SPRINGS WAWA Layout:GENERAL NOTES August 29, 2025 09:21:45am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets-Wawa\C1.0 GENERAL NOTES.dwg
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F.D.O.T. RIGHT-OF-WAY WORK GENERAL NOTES

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
2. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
3. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.
4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN ON PLANS.
6. THE CONTRACTOR SHALL REMOVE ANY ORGANIC AND PLASTIC MATERIAL ENCOUNTERED IN THE FIELD IN ACCORDANCE WITH FDOT 2025/2026 STANDARD PLANS INDEX 120-002. COST OF REMOVAL OF ORGANIC AND PLASTIC MATERIAL AND BACKFILL OF SUITABLE MATERIAL IN ACCORDANCE WITH FDOT 2025/2026 STANDARD PLANS INDEX 120-001 SHALL BE INCLUDED IN THE COST OF REGULAR EXCAVATION.
7. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
8. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
9. FLORIDA LAW (F.S. 556) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA: SUNSHINE STATE ONE-CALL OF FLORIDA) BY CALLING 800-432-4770 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPONSE TO THE POSITIVE RESPONSE SYSTEM.
10. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND SURVEYS BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND PROTECT EXISTING UTILITY FACILITIES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WITH UTILITY OWNERS.
11. ALL MAINTENANCE OF TRAFFIC (MOT) ITEMS REQUIRED IN ACCORDANCE WITH FDOT 2025/2026 STANDARD PLANS INDEX '102-' SERIES INDICES SHALL BE FURNISHED, INSTALLED, AND MAINTAINED TO PROPERLY MAINTAIN TRAFFIC AND ADDRESS DROP OFF CRITERIA IN THE WORK ZONE.
12. NO LANES CLOSED BETWEEN THE HOURS OF 6:00 AM TO 8:00 PM.
13. THE EXISTING POSTED SPEED LIMIT ON SR-434 WILL REMAIN DURING ALL PHASES OF CONSTRUCTION.
14. ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED BY THE CONTRACTOR PER INDEX 600 AND WHEN THE CONFLICT NO LONGER EXISTS THE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
15. IF ONLY FDOT 2025/2026 STANDARD PLANS INDEX (SUCH AS #'S. 102-600, 102-611, 102-612, 102-613, 102-616, 102-660, ETC.) WILL BE USED, THEN THE CONTRACTOR WILL NOT BE REQUIRED TO PROVIDE SIGNED AND SEALED MAINTENANCE OF TRAFFIC (M.O.T.) PLANS. IF THE CONTRACTOR REQUIRES M.O.T. PLANS OTHER THAN THE 2025/2026 STANDARD PLANS INDICES, THEN THE CONTRACTOR WILL HAVE TO SUBMIT SIGNED AND SEALED PLANS TO FDOT FOR REVIEW AND APPROVAL.
16. MAINTENANCE OF TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT 2025/2026 STANDARD PLANS INDEX, 2023 FDOT DESIGN MANUAL (FDM), THE STANDARDS SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2024) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (ED. 2009 AND 2012 SUPPLEMENT) AS A MINIMUM.
17. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO CLOSING ANY LANES OR BEGINNING ANY CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY.
18. TEST RESULTS OF ANY TESTS TAKEN FOR OR DURING CONSTRUCTION OF THE PERMITTED WORK SHALL BE PROVIDED TO THE FDOT UPON REQUEST.
19. IF THE DEPARTMENT DETERMINES THAT AS-BUILT CONDITIONS VARY SIGNIFICANTLY FROM APPROVED PLANS, THE PERMITTEE OR THE PERMITTEE'S CONTRACTOR SHALL PROVIDE AS-BUILT PLANS, ALONG WITH A RECORD DRAWINGS REPORT BY PERMITTEE'S PROFESSIONAL ENGINEER, FORM 850-040-19, WITHIN 30 DAYS OF COMPLETING CONSTRUCTION.
20. ALL DISTURBED AREAS WITHIN FDOT RIGHT-OF-WAY MUST BE SODDED ONLY WITH COMMON BERMUDA SOD.
21. CONTRACTORS CERTIFICATE OF LIABILITY INSURANCE MUST BE ISSUED PRIOR TO STARTING CONSTRUCTION IN FDOT RIGHT-OF-WAY.
22. MAINTENANCE OF TRAFFIC:
    a. FOR WORK WITHIN FDOT RIGHT-OF-WAY, THE CONTRACTOR SHALL PROVIDE A TEMPORARY TRAFFIC CONTROL PLAN PREPARED UNDER THE DIRECTION OF, AND SIGNED AND SEALED BY, A LICENSED FLORIDA PROFESSIONAL ENGINEER WHO IS EXPERIENCED IN PREPARING TRAFFIC CONTROL PLANS AND WHO IS CERTIFIED PER FDOT PROCEDURE, TOPIC NO. 625-010-010.
    b. FOR WORK WITHIN FDOT RIGHT-OF-WAY, THE FDOT REQUIRES DOCUMENTATION FOR SUCCESSFUL COMPLETION OF AN APPROVED WORK ZONE TRAFFIC CONTROL TRAINING COURSE FOR THE AGENCY, UTILITY, OR CONTRACTOR EMPLOYEE(S) DESIGNING, INSTALLING, AND/OR MAINTAINING THE APPROVED MAINTENANCE OF TRAFFIC PLAN IN ACCORDANCE WITH DEPARTMENT PROCEDURE, TOPIC NO. 625-010-010.
    c. ALL TEMPORARY TRAFFIC CONTROL DEVICES FOR THE FOLLOWING FACILITIES SHALL BE DESIGNED AND INSTALLED TO MEET THE EXISTING POSTED SPEEDS AS STATED FOR ALL TRAFFIC CONTROL PHASES: SR-434 – 50 MPH
23. ALL WORK PERFORMED WITHIN FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH FDOT 2020 STANDARD PLANS INDEX, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2024) ND THE UTILITY ACCOMMODATION MANUAL (ED. 2017).
24. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO FDOT FACILITIES CAUSED BY CONSTRUCTION OF THE PROJECT.
25. ALL SIDEWALK CLOSURES SHALL ABIDE TO THE STANDARD PROCEDURES PER FDOT 2025/2026 RD PLANS INDEX 102-660.
26. ALL CONCRETE SIDEWALKS SHALL BE CONSTRUCTED PER FDOT 2025/2026 STANDARD PLANS INDEX 522-001 & 522-002.
27. ALL ROADWAY SIGNAGE AND/OR SIGNAGE COLUMS/POSTS LOCATED WITHIN RIGHT-OF-WAY IMPACTED BY PROPOSED IMPROVEMENTS SHALL BE ADJUSTED AND/OR RE-INSTALLED IN ACCORDANCE WITH 2025/2026 STANDARD PLANS INDEX AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2024).
28. A COPY OF THE FDOT PERMIT FOR WORK WITHIN THE SR 434 ROW SHALL BE FURNISHED TO THE CITY OF WINTER SPRINGS.

PAVING, GRADING AND DRAINAGE

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE GEOTECHNICAL ENGINEER OF RECORD OR THE OWNERS ENGINEERS. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS AND PER THE GEOTECHNICAL REPORT. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
3. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
4. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED.
5. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.
6. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
7. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE 2025/2026 EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS.
8. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL.
9. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER POURED)
10. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX #711-001.
11. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.
12. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
13. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES.
14. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A REGISTERED LAND SURVEYOR AT CONTRACTORS EXPENSE.
15. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
16. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND JURISDICTIONAL PERMITTING AGENCIES.
17. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.

PAVING/GRADING TESTING AND INSPECTION

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE SOILS REPORT. UPON COMPLETION OF WORK THE SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
2. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS AND GEOTECHNICAL REPORT, THE VARIOUS AGENCIES AND PERMIT CONDITIONS. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.
3. A COPY OF ALL TESTING REPORTS SHALL BE FURNISHED TO THE CITY OF WINTER SPRINGS.

POTABLE WATER SYSTEM

1. POTABLE WATER SERVICE SHALL BE PROVIDED BY THE CITY OF WINTER SPRINGS. THE WATER DISTRIBUTION SYSTEM SHOWN ON THESE PLANS SHALL BE INSTALLED AND CONSTRUCTED PER THE CITY OF WINTER SPRINGS STANDARDS & SPECIFICATIONS. ONSITE WATER DISTRIBUTION SYSTEM SHALL BE PRIVATELY OWNED AND MAINTAINED AFTER COMPLETION OF CONSTRUCTION, CERTIFICATION, AND CLEARANCE BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP).

POTABLE WATER TESTING AND INSPECTION

1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL BE PRESSURE TESTED AND ACCEPTED BY THE OWNER'S ENGINEER OR UTILITY INSPECTOR. PRESSURE TESTS TO BE IN ACCORDANCE WITH F.D.E.P. SPECIFICATIONS AND THE CITY OF WINTER SPRINGS CONTRACTOR TO NOTIFY THE OWNER'S ENGINEER AND APPLICABLE AGENCY INSPECTORS TWO (2) FULL BUSINESS DAYS IN ADVANCE OF PERFORMING TESTS.
2. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING, AND OBTAIN CLEARANCE OF DOMESTIC AND FIRE LINE WATER SYSTEM(S). COPIES OF ALL BACTERIOLOGICAL TEST RESULTS ARE TO BE SUBMITTED TO THE OWNER'S ENGINEER FOR CERTIFICATION PURPOSES.
3. ALL WATER MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA MANUAL M23, CONCERNING HYDROSTATIC TESTING OF PVC PIPING. ALL PUBLIC UTILITIES HYDROSTATIC TESTING TO BE WITNESSED BY THE CITY OF WINTER SPRINGS INSPECTOR.
4. THE CITY OF WINTER SPRINGS SHALL BE NOTIFIED ABOUT THE TESTING SO THAT THEY MAY WITNESS. COPIES OF ALL TESTING REPORTS SHALL BE FURNISHED TO THE CITY OF WINTER SPRINGS. A COPY OF THE FDEP CLEARANCE CERTIFICATE SHALL ALSO BE FURNISHED TO THE CITY OF WINTER SPRINGS.

SANITARY SYSTEM

1. SANITARY WASTEWATER SERVICE SHALL BE PROVIDED BY THE CITY OF WINTER SPRINGS. THE WASTEWATER COLLECTION SYSTEM SHOWN ON THESE PLANS SHALL BE INSTALLED BY THE CONTRACTOR, AND CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE CITY OF WINTER SPRINGS STANDARDS AND SPECIFICATIONS. ONSITE WASTEWATER COLLECTION SYSTEM SHALL BE PRIVATELY OWNED AND MAINTAINED AFTER COMPLETION OF CONSTRUCTION, CERTIFICATION, AND CLEARANCE BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP).

SANITARY TESTING AND INSPECTION

1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER AND APPLICABLE MUNICIPALITY/AGENCY INSPECTOR. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH A CLOSED CIRCUIT TELEVISED INSPECTION (CCTV) OF THE PROPOSED GRAVITY SEWER LINE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE COPIES OF THE CCTV INSPECTION TAPE TO THE ENGINEER, THE OWNER, AND THE APPLICABLE MUNICIPALITY/AGENCY.
2. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATON TEST ON ALL GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. THE SCHEDULING, COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
3. LEAKAGE TESTS ARE SPECIFIED REQUIRING THAT:
    A. THE LEAKAGE EXFILTRATION OR INFILTRATION DOES NOT EXCEED 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY FOR ANY SECTION OF THE SYSTEM.
    B. EXFILTRATION OR INFILTRATION TESTS BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET
    C. AIR TESTS, AS A MINIMUM, CONFORM TO THE TEST PROCEDURE DESCRIBED IN ASTM C-828 FOR CLAY PIPE, ASTM C 924 FOR CONCRETE PIPE, ASTM F-1417 FOR PLASTIC PIPE, AND FOR OTHER MATERIALS APPROPRIATE TEST PROCEDURES.
4. CONTRACTOR TO PERFORM APPROPRIATE DEFLECTION TESTS FOR ALL FLEXIBLE PIPE. TESTING IS REQUIRED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM. TESTING REQUIREMENTS SPECIFY:
    A. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
    B. USING A RIGID BALL OR MANDREL FOR THE DEFLECTION TEST WITH A DIAMETER NOT LESS THAN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE, DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED.
    C. PERFORMING THE TEST WITHOUT MECHANICAL PULLING DEVICES.
5. CONTRACTOR TO INSPECT & TEST MANHOLE FOR WATERTIGHTNESS OR DAMAGE PRIOR TO PLACING INTO SERVICE. AIR TESTING, IF SPECIFIED FOR CONCRETE SEWER MANHOLES, SHALL CONFORM TO THE TEST PROCEDURES DESCRIBED IN ASTM C-1244.
6. THE CITY OF WINTER SPRINGS SHALL BE NOTIFIED ABOUT THE TESTING SO THAT THEY MAY WITNESS. COPIES OF ALL TESTING REPORTS SHALL BE FURNISHED TO THE CITY OF WINTER SPRINGS. A COPY OF THE FDEP CLEARANCE CERTIFICATE SHALL ALSO BE FURNISHED TO THE CITY OF WINTER SPRINGS.

CONTRACTOR'S AS-BUILT

1. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION, CERTIFIED BY A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA. AT A MINIMUM, THIS "AS-BUILT" INFORMATION SHALL INCLUDE: TOP OF PIPE/INVERT ELEVATIONS AND HORIZONTAL LOCATIONS OF ALL WATER, SANITARY SEWER, AND RECLAIM WATER UTILITIES INSTALLED (AS APPLICABLE); PAVEMENT GRADE BREAK LOCATIONS AND SUFFICIENT ELEVATIONS OF FINISHED GRADE SURFACES WHICH ALLOW THE ENGINEER TO DETERMINE COMPLIANCE WITH THE PROPOSED DESIGN; TOP, GRATE, & INVERT ELEVATIONS OF THE STORMWATER COLLECTION SYSTEM, INCLUDING THE POND GRADES (TOP, BANK, BOTTOM), POND CONTROL STRUCTURE, & SWALES; ANY IMPROVEMENTS WITHIN FDOT OR COUNTY RIGHT-OF-WAYS.
2. THE DIGITAL "AS-BUILT" FILE, PROVIDED IN AUTOCAD FORMAT, SHALL ALSO BE PROVIDED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM. NO ENGINEER'S CERTIFICATIONS OF COMPLETION OR REQUESTS FOR FINAL ACCEPTANCE WILL BE SUBMITTED UNTIL THIS INFORMATION HAS BEEN RECEIVED AND APPROVED BY THE OWNER'S ENGINEER.
3. SURVEYOR AS-BUILT SHALL CONTAIN COMPLETED ASSET TABLE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS UTILITY STANDARDS AND SPECIFICATIONS.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED FLORIDA PROFESSIONAL ENGINEER CORY M. MILLER 84202 STATE OF FLORIDA

LICENSED FLORIDA PROFESSIONAL ENGINEER ANDREW D. LUKASIK 70920 STATE OF FLORIDA

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

GENERAL NOTES

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER C1.1

Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:GENERAL NOTES (2) August 29, 2025 09:21:47am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C1.0 GENERAL NOTES.dwg
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STORMWATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

PROJECT NAME AND LOCATION
WINTER SPRINGS MARKETPLACE
TAX PARCEL: 36-20-30-502-0000-0090
CITY OF WINTER SPRINGS, FL

*SEE COVER SHEET FOR LOCATION MAP

DEVELOPER NAME AND ADDRESS

TUSKAWILLA PROPERTY INVESTORS, LLC
630 SOUTH MAITLAND AVE., SUITE 100
MAITLAND, FL 32751
CONTACT: RYAN STAHL
PHONE: (407) 628-0277
EMAIL: RSTAHL@EQUINOX-DEVELOPMENT.COM

PROJECT DESCRIPTION

THIS PROJECT IS TO DEVELOP A WAWA GAS STATION/ CONVENIENCE STORE AS PART OF WINTER SPRINGS MARKET PLACE COMMERCIAL PROPERTY. SITE IS LOCATED AT SOUTHWEST CORNER OF INTERSECTION OF TUSKAWILLA RD AND SR-434 IN WINTER SPRINGS, SEMINOLE COUNTY, FL.

PROJECT AREA: 1.21 ACRES
CONTRIBUTING DRAINAGE AREA: 1.22 ACRES

CONTROL STRUCTURE :

CS-A

LONGITUDE : 81°15'47.15"W LATITUDE: 28°41'44.62"N

CS-B

LONGITUDE : 81°15'46.94"W LATITUDE: 28°41'44.98"N

CS-C

LONGITUDE : 81°15'49.30"W LATITUDE: 28°41'46.20"N

ULTIMATE RECEIVING WATERS: LAKE JESSUP via MASTER SYSTEM

ACTIVITIES THAT REQUIRE EROSION CONTROL

SITE CLEARING AND GRUBBING; PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; EXCAVATION FOR THE RETENTION POND; SITE GRADING; INSTALLATION OF STORM WATER, SANITARY SEWER, AND WATER STRUCTURES; CURB, ROADWAYS, AND PARKING FACILITIES.

*SEE PLANS FOR THE LOCATION OF TEMPORARY SEDIMENT BARRIERS AND OTHER EROSION CONTROL METHODS.

SOIL PARAMETERS

SOIL TYPES:

SERIES NAME	HYDROLOGIC GROUP
PAOLA–ST. LUCIE SANDS, 0 TO 5 PERCENT SLOPES	A
TAVARES–MILLHOPPER FINE SANDS, 0 TO 5 PERCENT SLOPES	A

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF CONSTRUCTION IS AS FOLLOWS:

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND OTHER EROSION CONTROL METHODS
3. CLEAR AND GRUB FOR SEDIMENT BASIN AND EARTH DIKE
4. CONSTRUCT EARTH DIKE AND SEDIMENT BASIN
5. FINISH CLEARING AND GRUBBING
6. REMOVE AND STORE TOPSOIL
7. PROVIDE INITIAL GRADING AS REQUIRED
8. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
9. INSTALL UTILITIES, STORM SEWER, CURB AND GUTTER
10. INSTALL BASE TO ROAD AND PARKING AREA
11. FINISH GRADING ENTIRE SITE
12. CONSTRUCT FINAL PAVING
13. REMOVE ACCUMULATED SEDIMENT
14. REMOVE ANY ITEMS THAT ARE NOT REQUIRED

TIMING OF CONTROL MEASURES

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES), A STABILIZED ENTRANCE AND SEDIMENT BASIN SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE LOCATION AND DETAILS OF EROSION CONTROL METHODS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS SHOWN ON THE PLANS OR AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW.

STORM WATER MANAGEMENT

STORM WATER COLLECTION SHALL BE MANAGED BY A EXISTING WET AND DRY MASTER STORMWATER MANAGEMENT SYSTEM. THE POND SYSTEM WAS PREVIOUSLY DESIGNED TO MEET OR EXCEED ALL THE REQUIREMENTS OF ST. JOHNS RIVER WATER MANAGEMENT DISTRICT AND CITY OF WINTER SPRINGS, FL.

STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND 450 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EQUIVALENT EQUAL. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLES 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY. ALL RETENTION/DETENTION BASINS SHALL BE SODDED AT LEAST TO THE NORMAL WATER LINE. ALL EXPOSED AREAS WITHIN PUBLIC RIGHTS-OF-WAY SHALL BE SOLID SODDED, OTHER AREAS WITH SLOPES STEEPER THAN 4:1 SHALL BE SODDED.

STRUCTURAL PRACTICES:

EARTH DIKE - IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERIMETER. A PORTION OF THE DIKE SHALL DIVERT RUN-ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.

SEDIMENT BASIN - A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.

WASTE DISPOSAL

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

OFF-SITE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT, OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES, DUE TO CONSTRUCTION. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

DUST & DEBRIS CONTROL
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AS WELL AS ALONG HAUL ROUTES AND ROADWAYS USED BY THE EQUIPMENT AND VEHICLES. THE CONTRACTOR SHALL ENSURE THAT EXCESSIVE DUST IS NOT TRANSPORTED BEYOND THE LIMITS OF CONSTRUCTION IN POPULATED AREAS. THE CONTRACTOR MAY CONTROL DUST FOR EMBANKMENTS OR OTHER CLEARED OR UNSURFACED AREAS BY APPLYING WATER. INSTALL MULCH, SEED, SOD, OR TEMPORARY PAVING AS EARLY AS PRACTICAL. CONTROL DUST DURING STORAGE AND HANDLING OF DUSTY MATERIALS BY WETTING, COVERING, OR OTHER MEANS AS APPROVED BY THE ENGINEER.
DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE ON THE PROJECT SITE.

ITEMS REQUIRING POLLUTION PREVENTION

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT ON THE PROJECT SITE:

-ASPHALT
-CONCRETE
-FERTILIZERS
-METAL PIECES
-PETROLEUM BASED PRODUCTS
-TAR
-CLEANING SUPPLIES
-DETERGENTS
-MASONARY BLOCK/BRICKS
-PAINT
-WOOD

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT WILL BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE:

-UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
-WATER FROM WATER LINE FLUSHING
-PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

SPILL PREVENTION AND CONTROL

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

-SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

-STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

-ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

-ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

-PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

-ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

HAZARDOUS PRODUCTS

-MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

-PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

PRODUCT SPECIFIC PRACTICES

-PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

-THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

-PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

-CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

-SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

-THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

-TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

-AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

-THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE CHECKED DAILY AND AFTER EACH 0.5 INCH OR GREATER RAINFALL BY THE SUPERINTENDENT OR SOMEONE UNDER HIS/HER DIRECT SUPERVISION.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD CONDITION. REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

-THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES ONE-THIRD THE HEIGHT OF THE FENCE.

-THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE.

-DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

-ALL SEEDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY. UNSTABALIZED AREAS SHALL BE RE-SODDED.

-A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

-THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

ADDITIONAL CONTRACTOR RESPONSIBILITIES

-C.O.R. IS REQUIRED TO SUBMIT A SWPPP TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO MOBILIZING TO THE SITE AND INSTALLING ANY BMPS.

-C.O.R. IS REQUIRED TO COMPLY WITH THE REGULATIONS OF THE CITY, WATER MANAGEMENT DISTRICT, AND FDEP IN MANAGING STORMWATER RUNOFF FROM CONSTRUCTION SITES.

-C.O.R. IS REQUIRED TO SUBMIT AND OBTAIN A NOTICE OF INTENT FROM FDEP FOR THIS PROJECT.

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED: _____ DATE:_____

CORY SITLER
FLORIDA REGISTRATION NUMBER: 89984
PROFESSIONAL ENGINEER

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FORM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

SIGNATURE AND DATE	NAME AND TITLE, COMPANY / ADDRESS AND TELEPHONE NUMBER	RESPONSIBILITY

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
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LICENSED PROFESSIONAL ENGINEER CORY W. SITLER STATE OF FLORIDA 89984 PROFESSIONAL ENGINEER

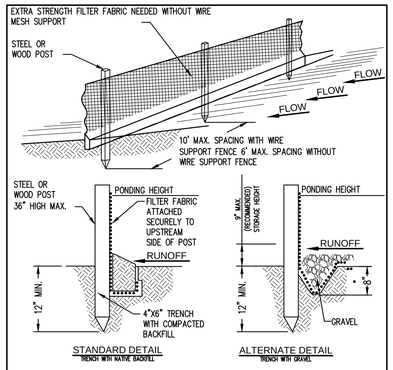
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SWPPP NOTES

WINTER SPRINGS WAWA
CITY OF WINTER SPRINGS FL

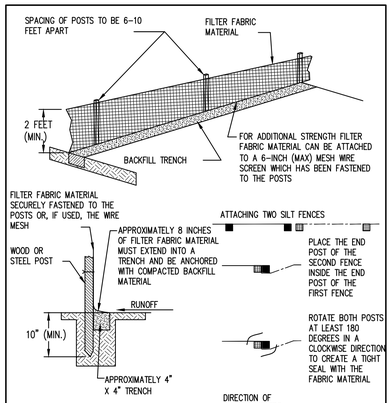
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Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:SWPPP NOTES August 29, 2025 09:21:57am K:\od_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C2.0 SWPPP NOTES.dwg
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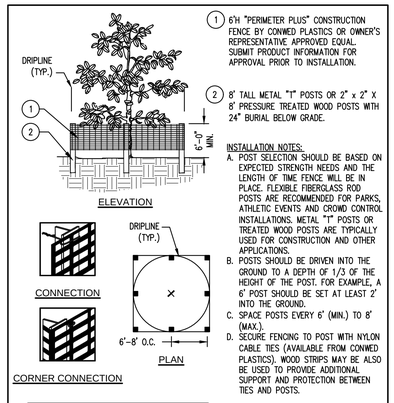


NOTE:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
1. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE DETAIL



SILT FENCE INSTALLATION DETAIL

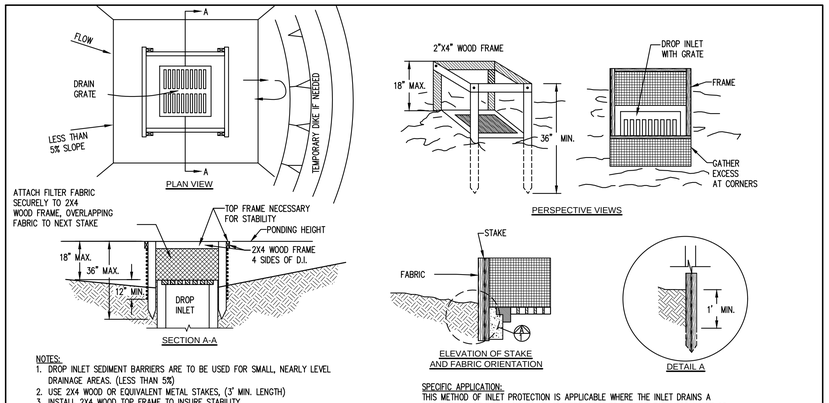


1. 6'H "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2" x 2" X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:
A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.
B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.
C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).
D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

TREE BARRICADE



NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. USE 2X4 WOOD OR EQUIVALENT METAL STAKES, (3' MIN. LENGTH)
3. INSTALL 2X4 WOOD TOP FRAME TO INSURE STABILITY.
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

SPECIFIC APPLICATION:
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT EXCEEDING 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

FILTER FABRIC DROP INLET SEDIMENT BARRIER

SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION US APPLICABLE TO CURB INLETS WHERE A STURDY, COMPACT INSTALLATION IS DESIRED. EMERGENCY OVERFLOW CAPABILITIES ARE MINIMAL, SO EXPECT SIGNIFICANT PONDING WITH THIS MEASURE.

* GRAVEL SHALL BE ASTM #3, #357, OR #5 COARSE AGGREGATE.

GRAVEL CURB INLET SEDIMENT FILTER WITH OVERFLOW WEIR

NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB INLET SEDIMENT BARRIER

NOTES:
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN 'GEOTEXTILE' FABRIC, ARE FILLED WITH GRAVEL LAYERED AND PACKED TIGHTLY.
3. LEAVE A ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

CURB AND GUTTER SEDIMENT BARRIER

1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4-INCH, 8-INCH, OR 12" BLOCKS. MIN. HEIGHT OF BARRIER 12" AND MAX. HEIGHT OF 24"
3. PLACE HARDWARE CLOTH/WIRE MESH W/ MAX. 1/2" OPENINGS OVER VERTICAL FACE OF CONCRETE BLOCKS.
4. THE AGGREGATE SHALL BE ANY NON-ERODIBLE MATERIAL SUCH AS LOOSE ROCK, BROKEN CONCRETE THAT WILL SLOW THE FLOW OF THE WATER AND ALLOW IT TO FILTER THROUGH AND OVER THE MATERIAL BEFORE ENTERING THE INLET.

BLOCK AND AGGREGATE INLET SEDIMENT DEVISE

D1 = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
D2 = 5' STD. (ADDITIONAL PANEL FOR DEPTHS 5'). CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTE:
COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS

TEMPORARY CHECK DAM

1. EMPTY FILTER SACK WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. GEOTEXTILE WILL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. AN OIL ADSORBENT PAD OR PILLOW CAN BE PURCHASED WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY REQUIREMENTS.
5. THE WIDTH, "W", OF THE FILTER SACK WILL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
6. THE DEPTH, "D", OF THE FILTER SACK WILL BE BETWEEN 18 INCHES AND 36 INCHES.
7. THE LENGTH, "L", OF THE FILTER SACK WILL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	125 LBS
MULLEN BURST	ASTM D-3786	600 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	30 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.05 SEC -1

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	385 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	725 PSI
TRAPEZOID TEAR	ASTM D-4533	450 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

FILTER SACKS (GRATED INLETS)

DO NOT USE ON ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

TYPICAL DEWATERING DISCHARGE PLAN

TEMPORARY SEDIMENT SUMP

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED PROFESSIONAL ENGINEER — CORY S. MITCHELL — LICENSE NUMBER 73882 — STATE OF FLORIDA — PROFESSIONAL ENGINEER — DATE

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

EROSION CONTROL DETAILS

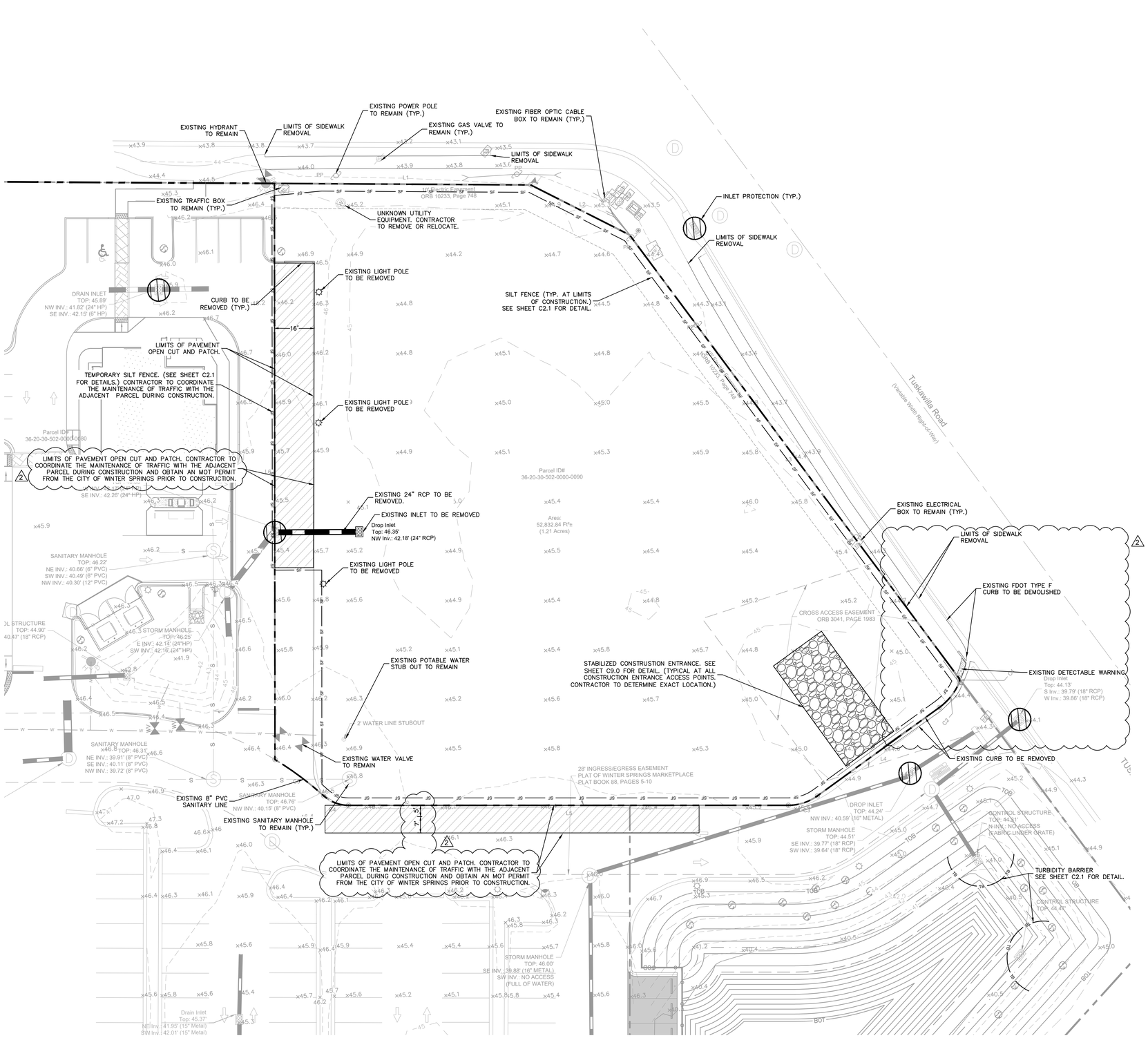
WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C2.1

Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:EROSION CONTROL DETAILS August 29, 2025 09:22:02am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets: Wawa\C2.0 SWPPP NOTES.dwg
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Plotted By:LaiRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:EXISTING CONDITIONS AND DEMOLITION PLAN August 29, 2025 10:44:08am K:\orl_civil\149170026-winter springs wawa\CADD\CONSTPlanSheets-Wawa\C3.0 EXISTING CONDITIONS.dwg
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GRAPHIC SCALE IN FEET
0 10 20 40

SIDEWALK NOTES:

1. ALL SIDEWALK CLOSURES SHALL BE IN ACCORDANCE WITH FDOT DESIGN INDEX #102-600. (PROVIDE TEMPORARY ASPHALT SIDEWALKS AS NEEDED)

DATUM/BENCHMARK NOTE:

1. VERTICAL INFORMATION BASE ON SEMINOLE COUNTY BENCHMARK DESIGNATION "813-16-01" ELEVATION = 36.446 NAVD 88.

EXISTING UTILITY NOTE:

1. THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
2. FLORIDA LAW (F.S. 556) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA: SUNSHINE STATE ONE-CALL OF FLORIDA) BY CALLING 800-432-4770 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPONSE TO THE POSITIVE RESPONSE SYSTEM.

DEMOLITION NOTES:

1. SEE ADDITIONAL NOTES, SHEET C1.0.
2. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE. C.O.R. SHALL PROVIDE A COPY OF ANY WELL ABANDONMENT PERMITS TO THE CITY.

GEOTECH NOTE:

1. CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSURFACE SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT PERFORMED BY ECS, FLORIDA, LLC. DATED NOV. 15, 2018.

EROSION CONTROL NOTE:

1. REFER TO SWPPP SHEETS C2.0 FOR ADDITIONAL NOTES & DETAILS.
2. INSTALL AND MAINTAIN SILT FENCE PER FDOT.
3. PROVIDE STABILIZED CONSTRUCTION ENTRANCE AT ALL CONSTRUCTION ACCESS POINTS.
4. UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. ALONG ALL ROADWAYS.
5. INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF ALL EXISTING/PROPOSED INLETS.
6. PROVIDE TREE PROTECTION BARRIERS AROUND ALL EXISTING TREES LOCATED ON-SITE WHICH ARE DESIGNATED TO BE PRESERVED. REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN AND TREE PROTECTION DETAILS/NOTES.

LEGEND

- PROPERTY BOUNDARY
- TB — TB — TURBIDITY BARRIER
- SF — SF — PROPOSED TYPE III SILT FENCE
- AREA TO BE DEMOLISHED
- SOIL TRACKING PREVENTION
- INLET PROTECTION

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED PROFESSIONAL ENGINEER — CORY N. SMELLEY — LICENSE NUMBER 84961 — STATE OF FLORIDA — COPY NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER — DATE: 08/28/25

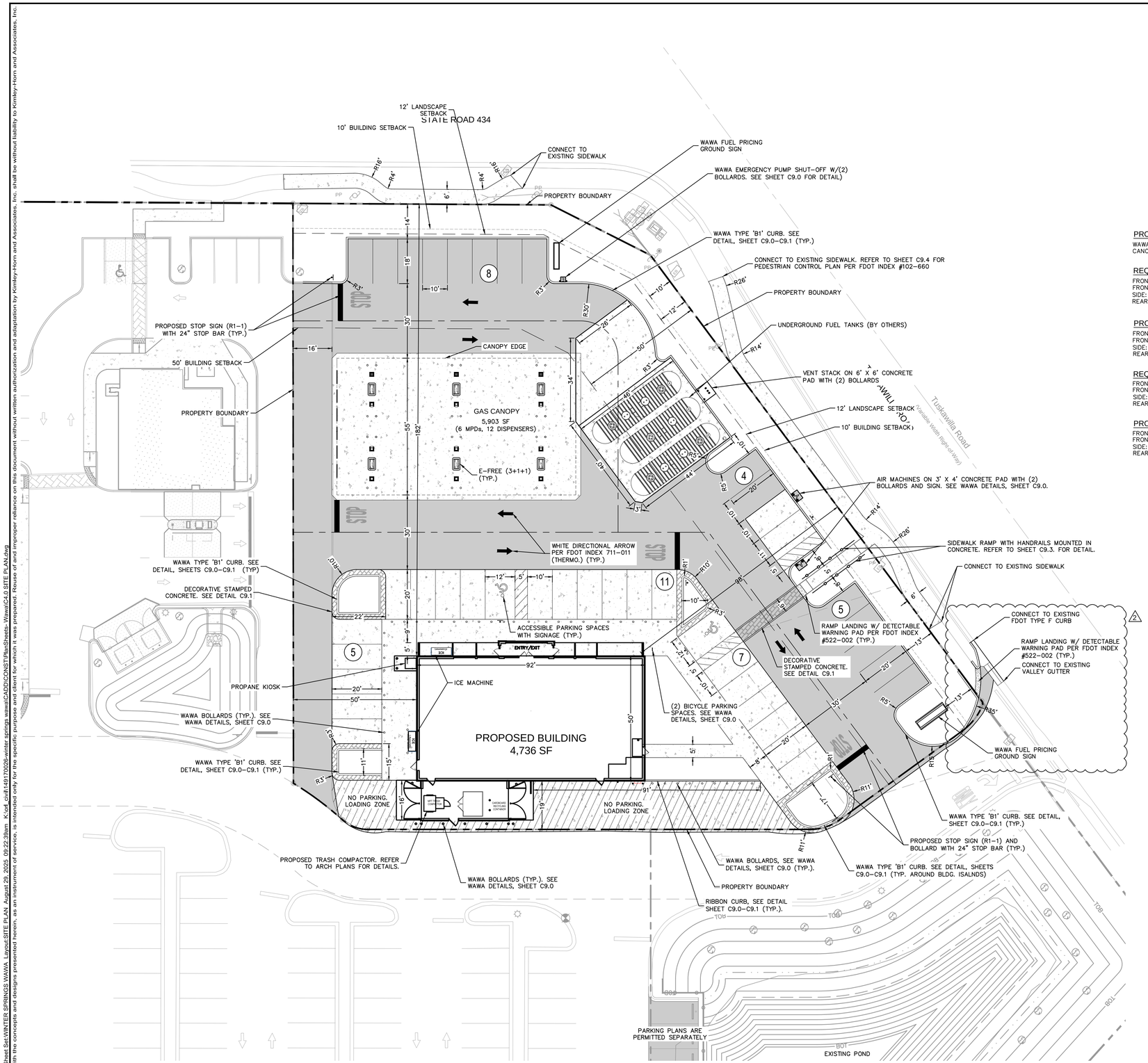
KHA PROJECT 149170026	DATE 08/28/25	SCALE AS SHOWN	DESIGNED BY CNS
DRAWN BY MMB	CHECKED BY ADL		

EXISTING CONDITIONS AND DEMOLITION PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER C3.0



LEGEND

- PROPERTY LINE
- (11) PARKING SPACE COUNT
- PROPOSED CONCRETE, SEE SHEET C9.1 FOR DETAILS
- PROPOSED STAMPED CONCRETE, SEE SHEET C9.0 FOR DETAILS
- STANDARD DUTY ASPHALT, SEE SHEET C9.1 FOR DETAILS

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

PROVIDED BUILDING HEIGHTS

WAWA:	33 FT
CANOPY:	25 FT

REQUIRED BUILDING SETBACKS

FRONT (TUSKAWILLA RD):	25 FT MIN TO 50 FT MAX
FRONT (S.R. 434):	25 FT MIN TO 50 FT MAX
SIDE:	5 FT MIN TO 100 FT MAX
REAR:	15 FT MIN

PROVIDED BUILDING SETBACKS

FRONT (TUSKAWILLA RD):	50 FT
FRONT (S.R. 434):	50 FT
SIDE:	0 FT
REAR:	0 FT

REQUIRED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
FRONT (S.R. 434):	12 FT
SIDE:	10 FT
REAR:	10 FT

PROVIDED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
FRONT (S.R. 434):	12 FT
SIDE:	0 FT
REAR:	0 FT

OVERALL SITE DATA:

PROJECT AREA:	52,833 SQ. FT (1.21 AC)
ZONING:	T-5 URBAN CENTER ZONE
PARCEL ID:	36-20-30-502-0000-0090
FUTURE LAND USE:	COMMERCIAL
PROPOSED USE:	COMMERCIAL
MINIMUM BUILDING HEIGHT:	2-STORIES
MAXIMUM BUILDING HEIGHT:	5-STORIES

ABUTTING PARCEL DATA:

ADJACENT PARCEL ID:	ZONING	FUTURE LAND USE
36-20-30-502-0000-0080	T-5 URBAN CENTER ZONE	COMMERCIAL
01-21-30-5VK-0000-0040	T-5 URBAN CENTER ZONE	COMMERCIAL
01-21-30-5VK-0C00-0000	T-5 URBAN CENTER ZONE	COMMERCIAL

BUILDING COVERAGE:

PROPOSED FLOOR AREA:	
WAWA:	4,736 SF
TOTAL FLOOR AREA:	4,736 SF
F.A.R. (4,736 SF/52,833 SF)	0.20
MAXIMUM ALLOWABLE F.A.R.	1.0 MAXIMUM

OVERALL IMPERVIOUS CALCULATIONS

MAXIMUM IMP. AREA (PER DRAINAGE CALCS):	1.02 AC
BUILDING AREA:	0.24 AC (9.0%)
PAVEMENT AREA:	0.78 AC (50.8%)
TOTAL IMPERVIOUS AREA:	1.02 AC (84.3%)
TOTAL OPEN SPACE:	0.19 AC (15.7%)

REQUIRED PARKING:

FROM PARKING STUDY:	
WAWA PARKING:	50 SPACES
TOTAL PARKING SPACES REQUIRED:	50 SPACES

PROVIDED PARKING:

REGULAR SPACES (10'X20'):	38 SPACES
ADA SPACES (ALL VAN ACCESSIBLE):	2 SPACES
OFF-SITE EMPLOYEE PARKING: (UNDER SEPARATE PERMIT)	10 SPACES
TOTAL PARKING SPACES PROVIDED:	50 SPACES

REQUIRED BICYCLE PARKING:

FROM TRAFFIC IMPACT ANALYSIS:	
1 SPACE PER 5,000 SF OR 2 SPACES MIN.	2 SPACES
TOTAL PARKING SPACES REQUIRED:	2 SPACES

PROVIDED BICYCLE PARKING:

WAWA – GAS STATION/CONVENIENCE STORE	2 SPACES
TOTAL BICYCLE PARKING SPACES:	2 SPACES

LANDSCAPING

ALL LANDSCAPING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE

SITE SIGNAGE

PERMANENT SITE SIGNAGE WILL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE.

REGULATORY SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD (2009 ED.) AND FDOT DESIGN STANDARDS (LATEST ED.)

STORMWATER MANAGEMENT

STORMWATER RUNOFF FOR THE PROPOSED ONSITE IMPROVEMENTS WILL BE MANAGED THROUGH THE EXISTING WET DETENTION, DRY DETENTION, AND EXFILTRATION STORMWATER MANAGEMENT SYSTEM WHICH HAS BEEN DESIGNED TO MEET THE CITY OF WINTER SPRINGS CODE AND THE REQUIREMENTS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD).

100-YEAR FLOOD PLAIN

THE PROPERTY IS LOCATED OUTSIDE THE FLOODPLAIN WITHIN "ZONE X" – AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN – PER FEMA FIRM, MAP NUMBER 12117C0160F, REVISED ON SEPTEMBER 28, 2007.

PHASING

ALL SITE WORK AND INFRASTRUCTURE WILL BE COMPLETED IN ONE (1) PHASE

GENERAL NOTES:

1. HANDICAP ACCESSIBLE PARKING SPACES AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE FLORIDA ACCESSIBILITY CODE (2012 ED.).
2. HANDICAP ACCESSIBLE PARKING SPACES PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH FDOT INDEX #711-001, SHEET 12 (LATEST ED.).
3. ALL LANDSCAPE ISLANDS CURB RADII ARE 5-FT UNLESS OTHERWISE NOTED.
4. TYPICAL AT ALL INTERNAL ON SITE INTERSECTIONS (PRIVATE), UNLESS OTHERWISE NOTED: PROVIDE 24" WHITE STOP BAR WITH 24" STOP SIGN
5. PEDESTRIAN CIRCULATION – SIDEWALKS, SIDEWALK CROSSINGS, RAMPINGS (PEDESTRIAN ACCESS SHALL CONNECTION EACH OF THE BUILDINGS TO ONE ANOTHER AN SHALL CONNECT TO THE RIGHT-OF-WA UTILIZING ALTERNATIVE PAVEMENT THROUGHOUT – PAINT/THERMOPLASTIC IS NOT ACCEPTABLE). PEDESTRIAN CROSSWALKS SHALL BE OF CONTRASTING MATERIALS OR TEXTURED OR STAMPED CONCRETE OR ASPHALT TO GIVE THE APPEARANCE OF CONTRASTING MATERIALS. PLEASE REFER TO SHEET C9.0 FOR DETAILS.

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED LANDSCAPE ARCHITECT
CORY W. SMITH
LICENSE NO. 0001697
STATE OF FLORIDA
PROFESSIONAL ENGINEER
CORY SMITH
LICENSE NO. 0001697
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE: 08/28/25

KHA PROJECT 149170026
DATE 08/28/25
SCALE AS SHOWN
DESIGNED BY CNS
DRAWN BY MMB
CHECKED BY ADL

SITE PLAN

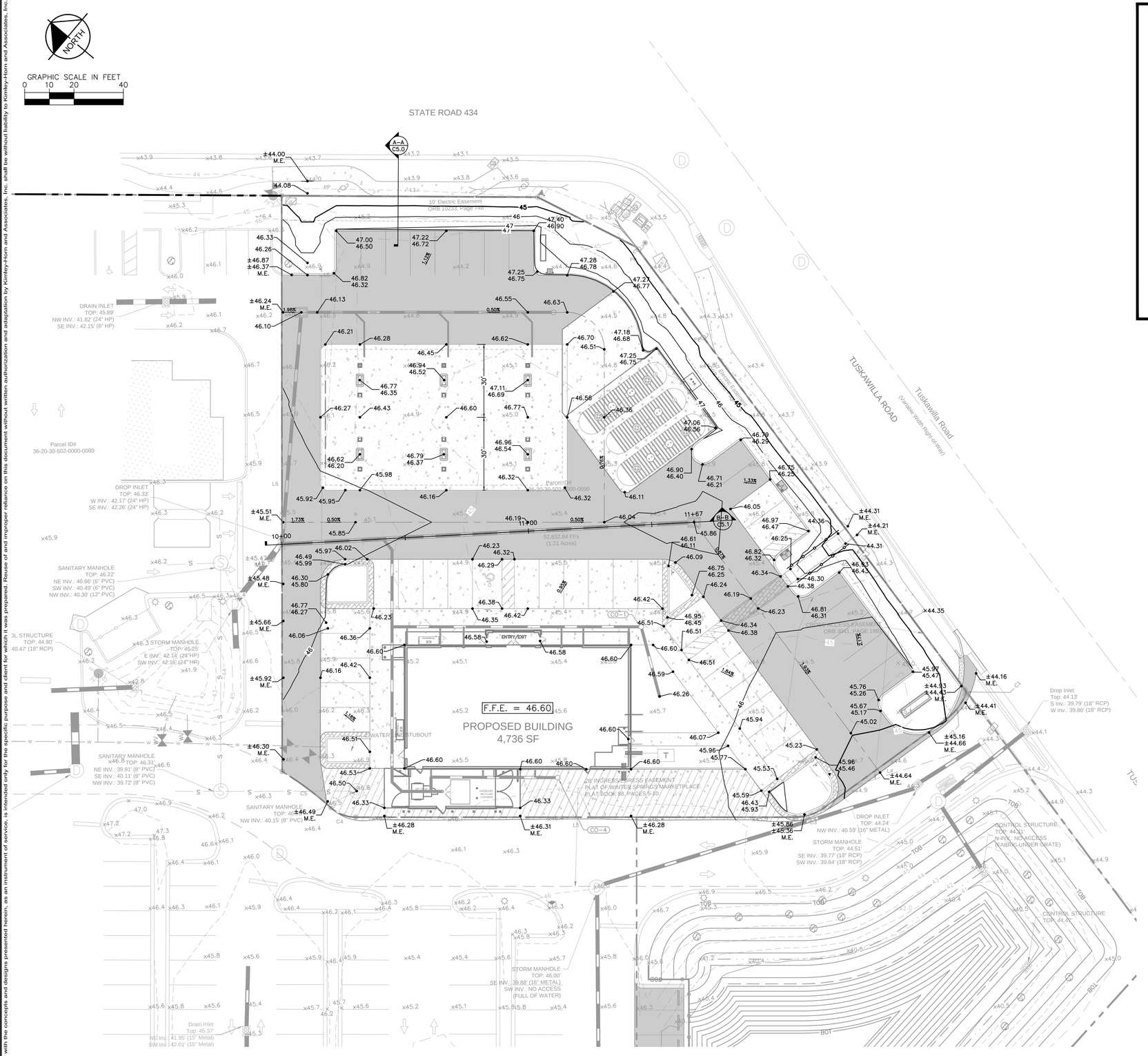
WINTER SPRINGS WAWA

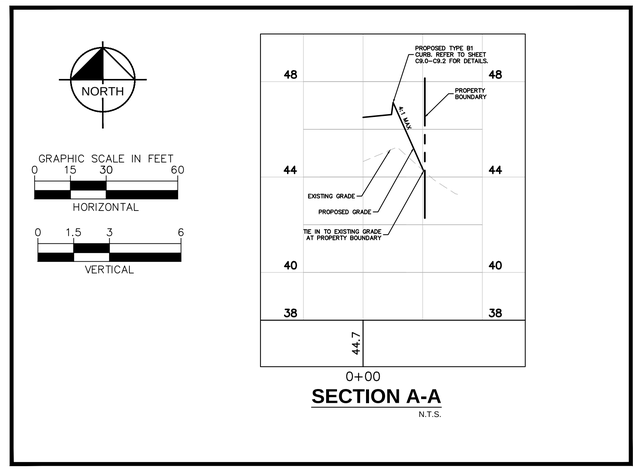
CITY OF WINTER SPRINGS FL

SHEET NUMBER
C4.0

Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:SITE PLAN August 29, 2025 09:22:39am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C4.0 SITE PLAN.dwg
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SECTION A-A
N.T.S.

PAVING, GRADING AND DRAINAGE NOTES:

1. REFER TO POD SHEET C5.1 FOR ADDITIONAL STORM STRUCTURE INFORMATION.
2. FOR EROSION CONTROL NOTES AND DETAILS, REFER TO GENERAL NOTES SHEETS C1.0 AND SWPPP SHEETS C2.0 –C2.1.
3. ALL PEDESTRIAN SIDEWALKS, PATHWAYS, AND CROSSWALKS SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 1:48 CROSS SLOPE (2.0%), MAX. 1:20 RUNNING SLOPE (5.0%).
4. ALL HANDICAP ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 2.0% CROSS

GEOTECH NOTE:

1. CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSURFACE SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT PERFORMED BY ECS DATED NOVEMBER 15, 2018.

DATUM/BENCHMARK:

1. ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS.

LEGEND

×44.00	EXISTING SPOT ELEVATION
93.50	PROPOSED ELEVATION
94.00 / 93.50	PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
±94.00 M.E	PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
44	EXISTING CONTOUR
44	PROPOSED CONTOUR
	PROPOSED STORM PIPE
	PROPOSED STORM INLET
D	PROPOSED STORM MANHOLE
	EXISTING STORM PIPE
	EXISTING GRATE INLET
1.00%	PROPOSED DIRECTION OF SURFACE WATER RUNOFF
	PROPOSED YARD DRAIN
	PROPOSED CONCRETE PAVEMENT SEE SECTION, SHEET C9.1
	PROPOSED STANDARD DUTY ASPHALT PAVEMENT SEE SECTION, SHEET C9.1

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LICENSED PROFESSIONAL ENGINEER CHRISTOPHER N. STILLER 76842 STATE OF FLORIDA
CERTIFICATE OF AUTHORIZATION NUMBER 35106 PROFESSIONAL ENGINEER

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

PAVING AND GRADING PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C5.0

Plotted By:LaRocque, Athena Sheet Set:WINTER SPRINGS WAWA Layout:C5.1 DRAINAGE PLAN August 29, 2025 09:23:11am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C5.0 PAVING AND GRADING.dwg
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NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

STATE ROAD 434

TUSKAWILLA ROAD

Tuskawilla Road
(Variable Width Right-of-Way)

10' Electric Easement
ORB 10233, Page 748

20' Electric Easement
ORB 3041, Page 1901

20' INGRESS/EGRESS EASEMENT
PLAT BOOK 89, PAGES 5-10

20' Access Easement
ORB 3041, Page 1901

Parcel ID#
36-20-30-502-0000-0080

Parcel ID#
36-20-30-502-0000-0090

52,832.84 Ft²±
(1.21 Acres)

PROPOSED BUILDING
4,736 SF

EXISTING POND

DRAIN INLET
TOP: 45.89'
NW INV.: 41.82' (24" HP)
SE INV.: 42.15' (6" HP)

DROP INLET
TOP: 46.33'
W INV.: 42.17' (24" HP)
SE INV.: 42.26' (24" HP)

SANITARY MANHOLE
TOP: 46.22'
NE INV.: 40.66' (6" PVC)
SW INV.: 40.49' (6" PVC)
NW INV.: 40.30' (12" PVC)

JL STRUCTURE
TOP: 44.90'
40.47' (18" RCP)

STORM MANHOLE
TOP: 46.25'
E INV.: 42.14' (24"HP)
SW INV.: 42.16' (24" HP)

SANITARY MANHOLE
TOP: 46.31'
NE INV.: 39.91' (8" PVC)
SE INV.: 40.11' (8" PVC)
NW INV.: 39.72' (8" PVC)

SANITARY MANHOLE
TOP: 46.76'
NW INV.: 40.15' (8" PVC)

Drain Inlet
Top: 45.37'
NE Inv.: 41.95' (15" Metal)
SW Inv.: 42.01' (15" Metal)

STORM MANHOLE
TOP: 46.00'
SE INV.: 39.86' (16" METAL)
SW INV.: NO ACCESS
(FULL OF WATER)

DROP INLET
TOP: 44.24'
NW INV.: 40.59' (16" METAL)

STORM MANHOLE
TOP: 44.51'
SE INV.: 39.77' (18" RCP)
SW INV.: 39.64' (18" RCP)

CONTROL STRUCTURE
TOP: 44.31'
N INV.: NO ACCESS
(FABRIC UNDER GRATE)

CONTROL STRUCTURE
TOP: 44.40'

Drop Inlet
Top: 44.13'
S Inv.: 39.79' (18" RCP)
W Inv.: 39.86' (18" RCP)

WATER VAULT/STUBOUT

UNDERGROUND ELECTRIC CONDUITS

A–A C5.0

B–B C5.1

D–1

D–2

CO–1

CO–3

CO–4

YD–1

YD–2

12" HP STORM PP @ 0.30% MIN (TYP)

6" HDPE @ 0.62% MIN (TYP)

CONNECT TO ROOF DOWNSPOUTS (TYP.) REFER TO ARCHITECTURAL PLANS TO COORDINATE DOWNSPOUT LOCATION.

94 LF OF 15" HP STORM PP @ 0.20%

167 LF OF 18" HP STORM PP @ 0.15%

CONNECT TO EXISTING DRAINAGE STRUCTURE AT INV: 42.26 INV: 42.26

SEE PROFILE DETAIL (THIS SHEET)

31 LF OF 12" HP STORM PP @ 1.00%

6" HDPE @ 1.00% MIN (TYP)

CONNECT TO ROOF DOWNSPOUTS (TYP.) REFER TO ARCHITECTURAL PLANS TO COORDINATE DOWNSPOUT LOCATION.

101 LF OF 12" HDPE @ 1.00%

29 LF OF 12" HDPE @ 1.00%

63 LF OF 12" HDPE @ 1.00%

6 LF OF 12" HDPE @ 1.00%

12" HDPE @ -1.00% MIN (TYP)

5 LF OF 12" HDPE @ 1.00%

6" HDPE @ 1.00% MIN (TYP)

46.10

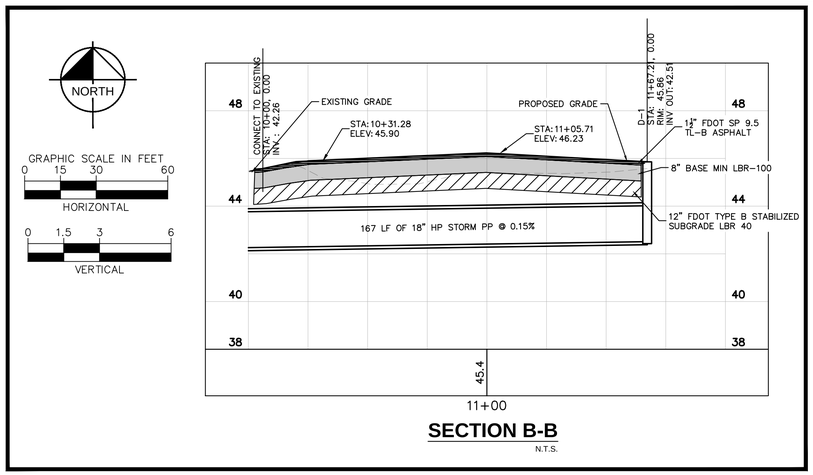
45.86

46.26

10+00

11+00

11+67



SECTION B-B
N.T.S.

STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
CO–1	TRAFFIC–RATED CLEAN OUT TOP: 46.51 SW. INV: 43.70 (12" HDPE) NW. INV: 43.70 (12" HDPE)
CO–3	TRAFFIC–RATED CLEAN OUT TOP: 46.61 NW. INV: 42.76 (12" HP STORM PP)
CO–4	TRAFFIC–RATED CLEAN OUT TOP: 46.55 NW. INV: 44.06 (12" HDPE)
D–1	TYPE "F" INLET PER FDOT INDEX #425–053 TOP: 45.86 NW. INV: 42.51 (18" HP STORM PP)
D–2	TYPE "F" INLET PER FDOT INDEX #425–053 TOP: 46.10 SE. INV: 42.45 (12" HP STORM PP) SW. INV: 42.45 (15" HP STORM PP)
YD–1	YARD DRAIN TOP: 46.26 NE. INV: 43.99 (12" HDPE)
YD–2	YARD DRAIN TOP: 46.44 NW. INV: 43.54 (12" HDPE)

PAVING, GRADING AND DRAINAGE NOTES:

1. ALL STORM SEWER PIPING MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS STANDARDS AND SPECIFICATIONS.
2. ALL DRAINAGE PIPES SHALL BE FILTER FABRIC WRAPPED PER FDOT INDEX #430–001.
3. FOR EROSION CONTROL NOTES AND DETAILS, REFER TO GENERAL NOTES SHEETS C1.0 AND SWPPP SHEETS C2.0 –C2.1.
4. CONNECT ALL ROOF DOWNPOUTS TO 6–INCH HDPE LATERALS. CONNECT LATERALS TO 12–INCH HDPE TRUNK LINES EXTENDING TO STRUCTURES WITH MIN. 1.0% SLOPE, MIN. 16" COVER. REFER TO WAWA STANDARD DETAIL SHEET C9.2

GEOTECH NOTE:

1. CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSURFACE SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT PERFORMED BY ECS DATED NOVEMBER 15, 2018.

DATUM/BENCHMARK:

1. ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS.

LEGEND

×44.00	EXISTING SPOT ELEVATION
93.50	PROPOSED ELEVATION
94.00 / 93.50	PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
±94.00 M.E	PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
44	EXISTING CONTOUR
44	PROPOSED CONTOUR
	PROPOSED STORM PIPE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	EXISTING STORM PIPE
	EXISTING GRATE INLET
1.00%	PROPOSED DIRECTION OF SURFACE WATER RUNOFF
	PROPOSED YARD DRAIN
	PROPOSED CONCRETE PAVEMENT SEE SECTION, SHEET C9.1
	PROPOSED STANDARD DUTY ASPHALT PAVEMENT SEE SECTION, SHEET C9.1

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED PROFESSIONAL ENGINEER CORY N. STELLER STATE OF FLORIDA PROFESSIONAL ENGINEER

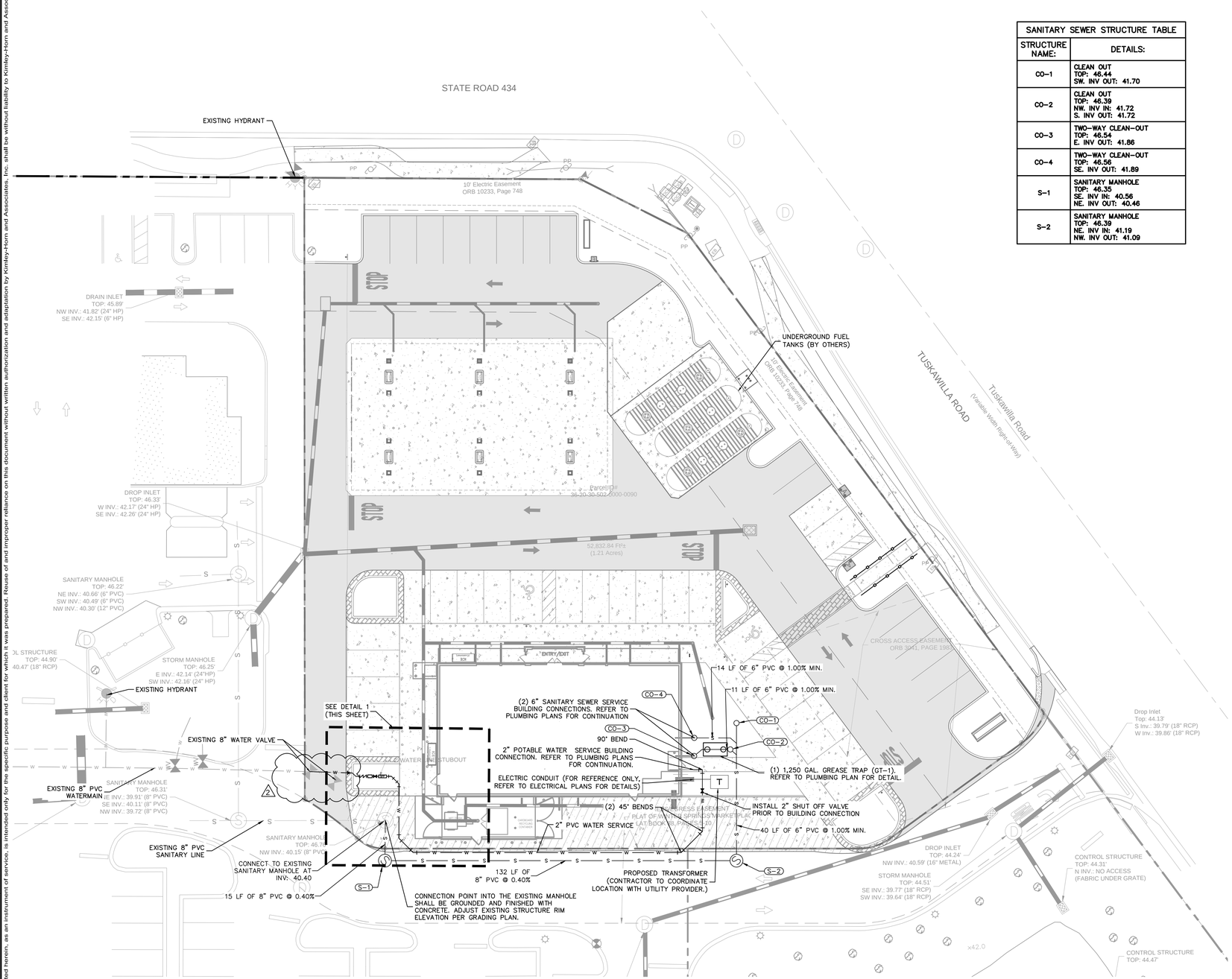
KHA PROJECT 149170026			
DATE	08/28/25		
SCALE	AS SHOWN	DESIGNED BY	CNS
		DRAWN BY	MMB
		CHECKED BY	ADL

DRAINAGE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C5.1



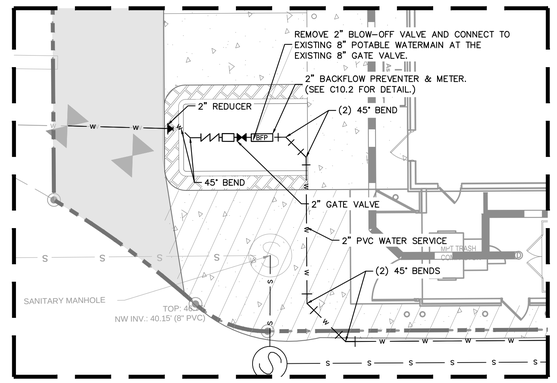
SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
CO-1	CLEAN OUT TOP: 46.44 SW. INV OUT: 41.70
CO-2	CLEAN OUT TOP: 46.39 NW. INV IN: 41.72 S. INV OUT: 41.72
CO-3	TWO-WAY CLEAN-OUT TOP: 46.54 E. INV OUT: 41.86
CO-4	TWO-WAY CLEAN-OUT TOP: 46.56 SE. INV OUT: 41.89
S-1	SANITARY MANHOLE TOP: 46.35 SE. INV IN: 40.56 NE. INV OUT: 40.46
S-2	SANITARY MANHOLE TOP: 46.39 NE. INV IN: 41.19 NW. INV OUT: 41.09

LEGEND

- EXISTING STORM PIPE
- EXISTING WATER MAIN
- EXISTING SANITARY MAIN
- PROPOSED WATER LINE
- PROPOSED FIRE LINE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY LINE
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- PROPOSED 10-FT UTILITY

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40



DETAIL 1
SCALE= 1"=10'

EXISTING UTILITIES:

1. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY THE LOCATION, SIZE, AND INVERTS OF ALL EXISTING UTILITIES SERVICING THE PROPOSED BUILDING, INCLUDING UTILITY STUB-OUT LOCATIONS, SIZES AND INVERTS. CONTRACTOR SHALL CONTACT ENGINEER WITH ANY DISCREPANCIES.

POTABLE WATER UTILITY NOTES:

1. ALL POTABLE WATER UTILITIES SHALL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS UTILITIES ENGINEERING MANUAL. CONTRACTOR SHALL BE RESPONSIBLE TO BE FAMILIAR WITH THESE STANDARDS AND SPECIFICATIONS.
2. REFER TO THE CITY OF WINTER SPRINGS UTILITY STANDARD DETAILS, SHEETS C10.0 – C10.2.

GENERAL UTILITY NOTES:

1. REFER TO GENERAL CONSTRUCTION NOTES SHEET C1.0 TO C1.1.
2. CONTRACTOR TO COORDINATE PROPOSED TRANSFORMER LOCATION AND ELECTRIC SERVICE LINES WITH POWER COMPANY AND OWNER. TRANSFORMER & ELECTRICAL SERVICE LINE SHOWN FOR INFORMATIONAL PURPOSES ONLY. DESIGNED & PERMITTED BY OTHERS.
3. CONTRACTOR TO COORDINATE TELECOMMUNICATION SERVICE LINES WITH SERVICE PROVIDER AND OWNER. DESIGNED & PERMITTED BY OTHERS.
4. PRIOR TO CONSTRUCTION START, THE CONTRACTOR SHALL BE RESPONSIBLE TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH CITY OF WINTER SPRINGS.

SANITARY WASTEWATER UTILITY NOTES:

1. ALL SANITARY WASTEWATER UTILITIES SHALL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS UTILITIES ENGINEERING MANUAL. CONTRACTOR SHALL BE RESPONSIBLE TO BE FAMILIAR WITH THESE STANDARDS AND SPECIFICATIONS.
2. REFER TO THE CITY OF WINTER SPRINGS UTILITY STANDARD DETAILS, SHEETS C10.0 – C10.2.
3. GREASE TRAPS ARE SHOWN FOR REFERENCE ONLY. GREASE TRAPS ARE TO BE PERMITTED AS PART OF THE BUILDING PERMIT. SIZING CALCULATIONS WILL BE REQUIRED AS PART OF THE BUILDING PERMIT SUBMITTAL/REVIEW PROCESS.
4. ALL CLEAN-OUTS WITHIN THE PAVEMENT SHALL BE H-20 TRAFFIC BEARING.

FIRE PROTECTION SERVICE NOTES:

1. ALL UNDERGROUND MAINS SERVING FIRE HYDRANTS OR FIRE PROTECTION SPRINKLER SYSTEMS ON PRIVATE PROPERTY MUST BE PERMITTED PRIOR TO INSTALLATION. THE DRAWING SHALL INDICATE THAT ALL UNDERGROUND FIRE MAINS WILL BE INSTALLED IN ACCORDANCE WITH NFPA 24: "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES" (LATEST ED.). [F.A.C. 69A-60.005(2)]
2. ALL FIRE SERVICE MAIN LOCATED DOWNSTREAM OF THE FIRE POINT OF SERVICE (POS) SHALL BE INSTALLED BY A QUALIFIED AND LICENSED CONTRACTOR. CONSTRUCTION AND MATERIALS SHALL COMPLY WITH APPLICABLE FIRE CODE. CONTRACTOR TO VERIFY REQUIREMENTS WITH SEMINOLE COUNTY PRIOR TO SHOP DRAWING REVIEW.
3. FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED NOT MORE THAN 100 FT FROM THE NEAREST FIRE HYDRANT. [NFPA 14: 6.3.5.4]
4. PROVIDE SIGNAGE FOR ALL PROPOSED FIRE DEPARTMENT CONNECTIONS (F.D.C.) INDICATING ITS LOCATION AND THE BUILDING IT SERVICES.
5. FIRE DEPARTMENT ACCESS ROADS PROVIDED AT THE START OF A PROJECT AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. (NFPA 1, 16.1.4).
6. A SECOND ENTRANCE/EXIT MIGHT BE REQUIRED PER AHJ IF THE RESPONSE TIME FOR EMERGENCY IS EXCEEDED PER NFPA 1, SECTION 18.2.3.3 MULTIPLE ACCESS ROADS.
7. A WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ACCUMULATES. THIS APPLIES TO BOTH COMMERCIAL AND RESIDENTIAL DEVELOPMENTS. (NFPA 1, 16.5.3.1).
8. WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK. (NFPA 1, 16.4.3.1.3).
9. FIRE FLOW TESTING SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 291, RECOMMENDED PRACTICE FOR FIRE FLOW TESTING.
10. A 36 IN. CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS AND A CLEAR SPACE OF NOT LESS THAN 60 IN. (1524 MM) SHALL BE PROVIDED IN FRONT OF EACH HYDRANT CONNECTION HAVING A DIAMETER GREATER THAN 21/2 IN. NFPA 1, 18.5.7.
11. HYDRANT SHALL BE MARKED WITH A BLUE REFLECTOR THAT IS PLACED 6" IN THE ROADWAY IN ACCORDANCE WITH NFPA 1, CHAPTER 18.5.10.
12. ACCESS TO GATED SUBDIVISIONS OR DEVELOPMENTS SHALL PROVIDE FIRE DEPARTMENT ACCESS THROUGH AN APPROVED SOS AND SEMINOLE COUNTY KNOX KEY SWITCH. NFPA 1, 18.2.2.2.

POTABLE WATER DEMANDS

Building Type	Number of Units	GPD/Unit	ADF		MDF		PHF	
			GPD	GPM	GPD	GPM	GPD	GPM
Gas Station /Store	4,736 SF	0.1	474	0.33	947	0.66	1,421	0.99
TOTAL			**474**	**0.33**	**947**	**0.66**	**1,421**	**0.99**

WASTEWATER DEMANDS

Building	Number of Units	GPD/Unit	ADF		MDF		PHF	
			GPD	GPM	GPD	GPM	GPD	GPM
Gas Station /Store	4,736 SF	0.1	474	0.33	947	0.66	1,894	1.32
TOTAL			**474**	**0.33**	**947**	**0.66**	**1,894**	**1.32**

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LICENSED PROFESSIONAL ENGINEER — JEREMY N. SITTLER — 84888 — STATE OF FLORIDA — CORY SITTLER — 84888 — PROFESSIONAL ENGINEER — DATE:

KHA PROJECT 149170026
DATE 08/28/25
SCALE AS SHOWN
DESIGNED BY CNS
DRAWN BY MMB
CHECKED BY ADL

UTILITY PLAN

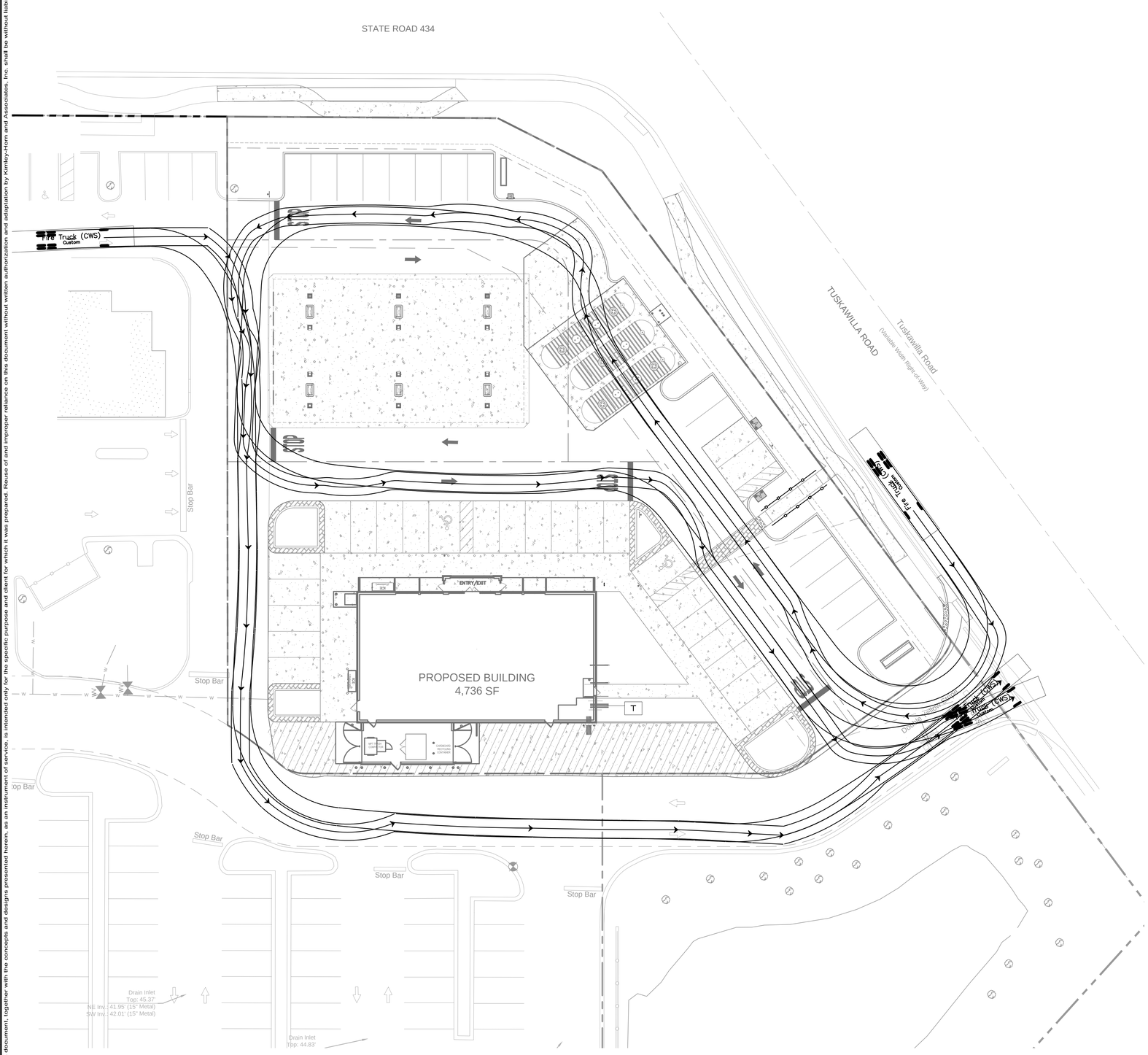
WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER C6.0

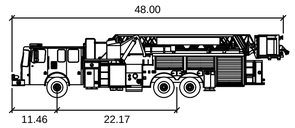
Plotted By:LaiRocque, Allene Sheet Set:WINTER SPRINGS WAWA Layout:C6.0 UTILITY PLAN August 29, 2025 09:23:21am K:\orl-civil\149170026-winter springs wawa\CADD\CONST\PlanSheets Wawa\C6.0 UTILITY PLAN.dwg
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GRAPHIC SCALE IN FEET
0 10 20 40



Fire Truck (CWS)

	feet
Width	: 8.00
Track	: 6.91
Lock to Lock Time	: 6.0
Steering Angle	: 40.0

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LICENSED FLORIDA PROFESSIONAL
CORY N. SITLER
LICENSE NUMBER
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE:

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

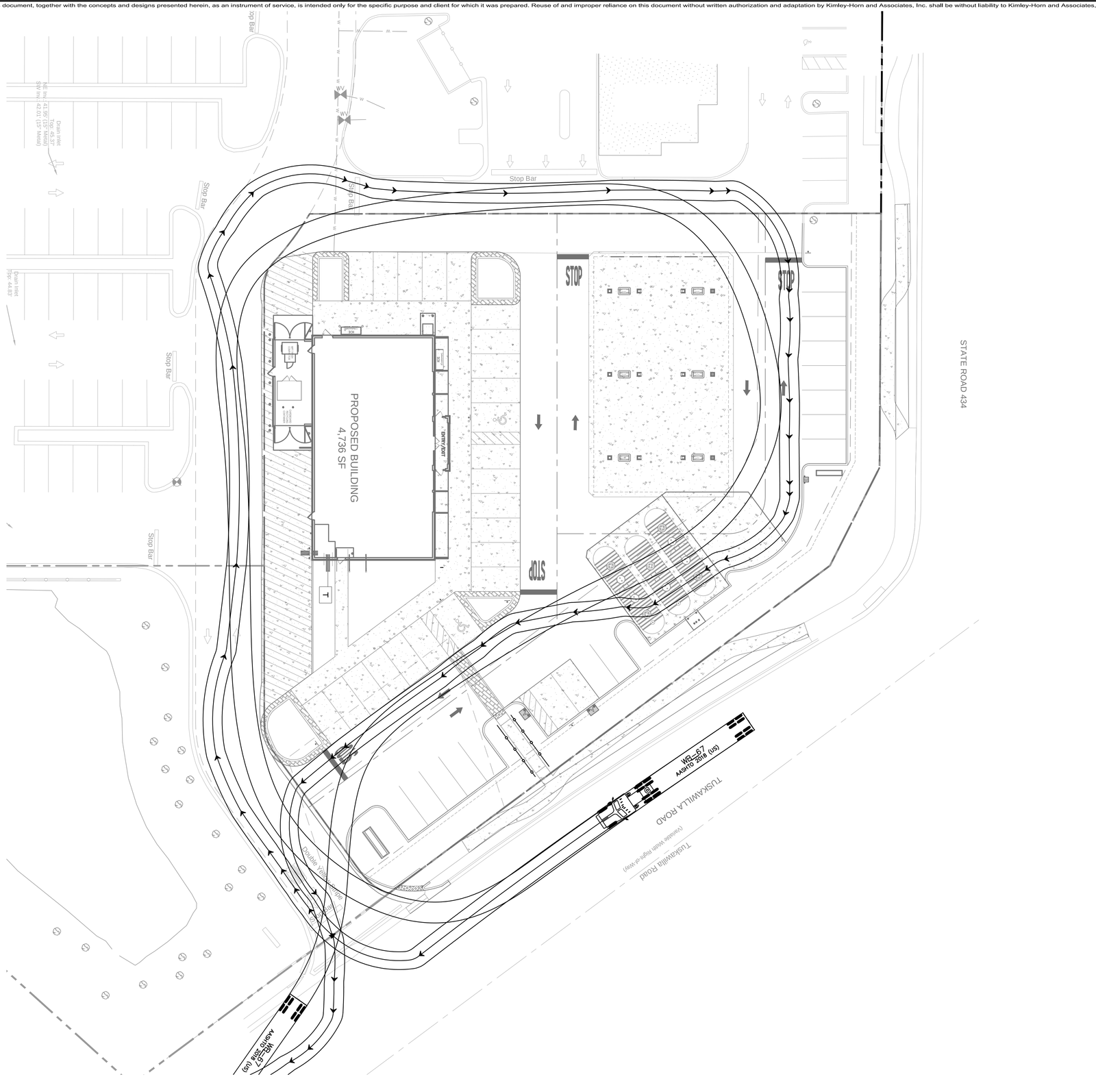
FIRE TRUCK ROUTING PLAN

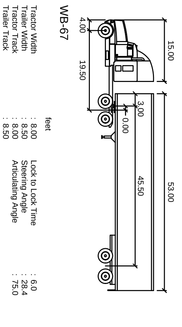
WINTER SPRINGS
WAWA

CITY OF WINTER SPRINGS FL

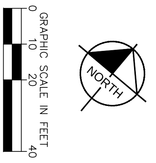
SHEET NUMBER
C7.0

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	feet
Tractor Width	8.00
Trailer Width	8.00
Tractor Track	8.00
Trailer Track	8.00
Lock-to-Lock Time	6.0
Steering Angle	28.4
Articulating Angle	75.0



SHEET NUMBER	C7.1		
WINTER SPRINGS WAWA		WB-67 TRUCK ROUTING PLAN	
CITY OF WINTER SPRINGS	FL		

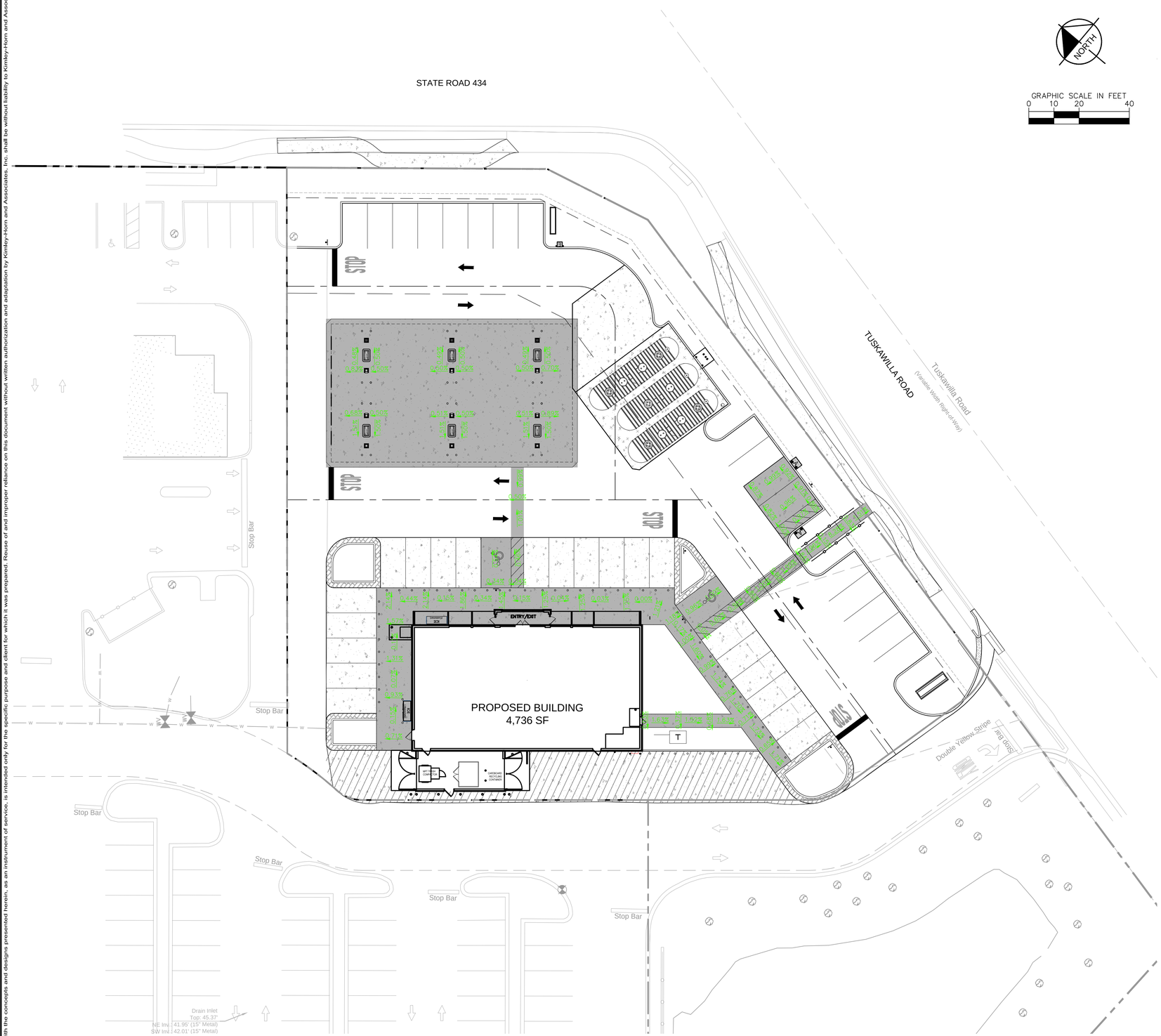
KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

LICENSED PROFESSIONAL ENGINEER
CORY N. SITLER
LICENSE NUMBER
STATE OF FLORIDA
DATE:

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FOR SITE ACCESSIBILITY PLAN

REVISED JULY 28, 2016

SITE LEGEND

ACCESSIBLE AREAS
SEE REQUIREMENTS BELOW

PROJECT BOUNDARY

CW — CROSSWALK TO MEET ADA SPECIFICATIONS AND FDOT INDEX 304 AND 17348. MAX CROSS SLOPE 2%. SEE REQUIREMENTS BELOW.

SWR — RAMPS TO MEET ADA SPECIFICATIONS, FDOT INDEX 304 & FLORIDA ACCESSIBILITY CODE 4.1.2 (1). SEE REQUIREMENTS BELOW.

ACCESSIBILITY REQUIREMENTS

1. GENERAL: ALL PEDESTRIANS USE AREAS (INCLUDING SIDEWALK AROUND BUILDING) TO MEET AMERICANS WITH DISABILITIES ACT AND FLORIDA ACCESSIBILITY CODE SPECIFICATIONS.
2. ACCESSIBLE ROUTES. AS REQUIRED BELOW, SHOULD MEET THE FOLLOWING:
   a. MAXIMUM DESIGN CROSS SLOPE: 1:48 (2.08%)
   b. MAXIMUM DESIGN LONGITUDINAL SLOPE: 1:20 (5%)
   c. MINIMUM WIDTH: 36"
   d. RAMP MAXIMUM RISE (NO RAIL): 6"
   e. RAMP MAXIMUM SLOPE: 1:12
3. EMERGENCY EXITS: MINIMUM 60% OF EMERGENCY EXITS TO HAVE AN ACCESSIBLE ROUTE, AS DEFINED ABOVE, AWAY FROM BUILDING.
4. HANDICAP PARKING & LOADING:

   TOTAL NUMBER OF SPACES: 50 SPACES
   REQUIRED HANDICAP SPACES: 2 SPACES
   PROVIDED HANDICAP SPACES: 2 SPACES

   a. MINIMUM REQUIRED NUMBER OF SPACES PER FLORIDA ACCESSIBILITY CODE & AMERICANS WITH DISABILITY ACT
   b. MAXIMUM DESIGN CROSS SLOPE: 1:48 (2.08%)
5. GAS PUMPS: AN ACCESSIBLE ROUTE, AS DEFINED ABOVE, IS REQUIRED FROM THE MAIN ENTRANCE TO THE NEAREST FUELING POSITION.
6. EMERGENCY STOPS: AN ACCESSIBLE ROUTE, AS DEFINED ABOVE, IS REQUIRED FROM THE BUILDING AND CANOPY TO THE NEAREST EMERGENCY STOP.
7. PEDESTRIAN CONNECTIONS TO PUBLIC TO BE AN ACCESSIBLE ROUTE, AS DEFINED ABOVE.
8. HANDICAP OUTDOOR DINING TABLE:
   a. WHEELCHAIR DINING POSITION MAXIMUM DESIGN CROSS SLOPE: 1:48 (2.08%)
   b. ACCESSIBLE ROUTES, AS DEFINED ABOVE, ARE REQUIRED FROM THE HANDICAP SPACE AND THE MAIN ENTRANCE TO THE WHEELCHAIR DINING POSITION
9. AIR PUMP:
   a. 16'X20' ACCESSIBLE AREA REQUIRED ADJACENT TO AIR PUMP
   b. ACCESSIBLE AREA MAXIMUM DESIGN CROSS SLOPE: 1:48 (2.08%)
   c. AIR PUMP SHOULD BE WITHIN 10" OF AN ACCESSIBLE ROUTE, AS DEFINED ABOVE.
   d. AIR PUMP MAXIMUM HEIGHT RELATIVE TO ACCESSIBLE ROUTE: 48"
10. DRIVEWAY CONNECTIONS ACROSS SIDEWALKS:
    a. RAMPS TO MEET REQUIREMENTS, AS DESCRIBED ABOVE UNDER ACCESSIBLE ROUTES.
    b. CROSSWALKS ACROSS DRIVEWAYS TO BE AN ACCESSIBLE ROUTE AS DESCRIBED ABOVE.

AS-BUILT CHECKLIST

- INITIAL ITEMS THAT MEET REQUIREMENTS. CONTRACTOR TO COMPLETE AND PROVIDE TO ENGINEER MINIMUM OF 20 DAYS PRIOR TO C.O.
- TO BE COMPLETED BY CONTRACTOR & PROVIDED TO ENGINEER PRIOR TO ENGINEER'S REVIEW.
- NOTE ISSUES, DEFICIENCIES, ETC ADJACENT TO INITIAL BOXES.

	CONTRACTOR	ENGINEER
1	☐	☐
2a	☐	☐
2b	☐	☐
3	☐	☐
4	☐	☐
5	☐	☐
6	☐	☐
7	☐	☐
8	☐	☐
9	☐	☐
10	☐	☐
	☐	NOT REVIEWED BY KIMLEY-HORN
	☐	NOT REVIEWED BY KIMLEY-HORN
	☐	☐
	☐	☐

CONTRACTOR CERTIFICATION:

I CERTIFY THAT THE ITEMS INITIALED ABOVE HAVE BEEN VERIFIED TO MEET THE REQUIREMENTS SPECIFIED ABOVE.

COMPANY NAME: _____

NAME OF SIGNATOR: _____

TITLE: _____

SIGNATURE: _____

DATE: _____

ENGINEER REVIEW:

DESIGN:

THE ACCESSIBLE AREAS SHOWN ON THIS PLAN WERE DESIGNED TO MEET THE ACCESSIBILITY REQUIREMENTS SPECIFIED ABOVE.

AS BUILT:

BASED LIMITED SITE OBSERVATIONS AND REVIEW OF THE AS-BUILT SURVEY PROVIDED BY _____' DATED _____, IT IS OUR OPINION THAT THE ITEMS _____' INITIALED ABOVE MEET THE REQUIREMENTS SPECIFIED ABOVE.

COMPANY NAME: _____

NAME OF SIGNATOR: _____

TITLE: _____

LICENSE NUMBER: _____

SIGNATURE, SEAL, DATE:

THIS IS TO CERTIFY TO THE BEST OF OUR KNOWLEDGE AND BELIEF, BASED ON LIMITED SITE OBSERVATIONS AND REVIEW OF AS-BUILTS PROVIDED BY CONTRACTOR (AT CONSTRUCTION INC.), IN ACCORDANCE WITH OUR AGREEMENT AS TO THE EXTENT OF OUR SPECIFIED SERVICES IN THIS REGARD, THAT THE ADA ACCESSIBILITY REQUIREMENTS, AS IDENTIFIED ON THE APPROVED PLANS AND SPECIFICATIONS FOR WAWA AT SR44 & MISSION – BID SET SHEET C6.2, IS SUBSTANTIALLY IN ACCORDANCE WITH THE PERMITTED CONSTRUCTION DOCUMENTS AND ADA ACCESSIBILITY REQUIREMENTS, AND THIS CERTIFICATION DOES NOT RELIEVE ANY PARTY OF THEIR CONTRACTUAL OR OTHER RESPONSIBILITIES.

NOTES:

1. SITE PLAN: SEE SITE PLAN FOR AIR PUMP LOCATION, DIMENSIONS, ETC.
2. GRADING PLAN: SEE GRADING PLAN FOR GRADING DESIGN.
3. SITE DETAILS: SEE SITE DETAILS SHEET FOR ACCESSIBILITY AND OTHER DETAILS.
4. ARCHITECTURAL PLANS: ARCHITECTURAL PLAN REFERENCES ARE FOR INFORMATIONAL PURPOSES ONLY. REFER TO ARCHITECTURAL PLANS FOR ACTUAL LOCATIONS AND SPECIFICATIONS.

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
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PHONE: (407) 536-4440
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LICENSED LANDSCAPE ARCHITECT CORY N. SITTLER — STATE OF FLORIDA — PROFESSIONAL ENGINEER — CORY SITTLER — DATE

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

ACCESSIBILITY PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C8.0

WAWA SIGNAGE/STRIPING DETAILS

REV. JUNE 7,2022

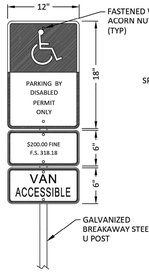


NOTE: SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

AIR PARKING SIGN

NTS

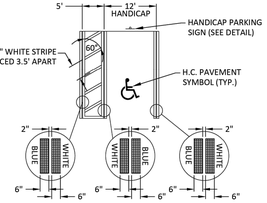
NOTES:
1. ALL LETTERS ARE 1" SERIES "C" PER MUTCD.
2. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND & BORDER. CONTRACTOR SHALL VERIFY FINE AMOUNT & ORD. NO.
5. ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.
6. INSTALLATION HEIGHT OF SIGN SHALL BE 60" ABOVE THE FINISHED GRADE TO THE BOTTOM OF THE SIGN. ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
7. SIGN POST TO BE GALVANIZED BREAKAWAY STEEL U POST.
8. SIGN TO BE FASTENED TO POST WITH ACORN NUT.



HANDICAP PARKING SIGN

NTS

SIGNAGE AND STRIPING NOTES:
1. ALL STANDARD PARKING STRIPES ARE TO BE 4" YELLOW
2. ARROWS SHOWN IN DRIVE AISLES ARE FOR INFORMATION ONLY AND SHALL NOT BE PAINTED.



STRIPING, SPACING, AND CURB RAMPS SHALL COMPLY WITH THE LATEST STATE OF FLORIDA ACCESSIBILITY CODE & FDOT STANDARD INDEX 711-001

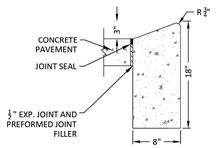
NOTE: ALL SIGNS TO USE ACORN BOLTS.

HANDICAP STRIPING DETAIL

NTS

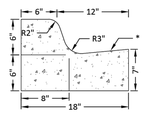
WAWA CURB DETAILS

REV. JUNE 19, 2017



WAWA TYPE B1 CURB

NTS



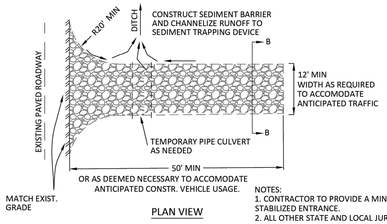
*NOTE:
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.

WAWA TYPE F1 CURB

NTS

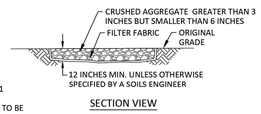
EROSION CONTROL DETAILS

REV. JULY 28, 2016



PLAN VIEW

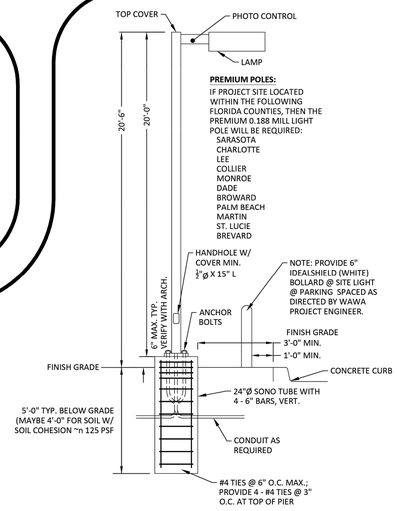
NOTES:
1. CONTRACTOR TO PROVIDE A MINIMUM OF 1 STABILIZED ENTRANCE.
2. ALL OTHER STATE AND LOCAL JURISDICTION TO BE CONTRACTED AND ADHERED TO.



SECTION VIEW

STABILIZED CONSTRUCTION ENTRANCE / EXIT (TYPE 1)

NTS



PREMIUM POLES:
IF PROJECT SITE LOCATED WITHIN THE FOLLOWING FLORIDA COUNTIES, THEN THE PREMIUM 0.188 MILL LIGHT POLE WILL BE REQUIRED:
- SARASOTA
- CHARLOTTE
- LEE
- COLLIER
- MONROE
- DADE
- BROWARD
- PALM BEACH
- MARTIN
- ST. LUCIE
- BREVARD

NOTE: THIS DETAIL IS NOT CERTIFIED. FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS CERTIFIED BY STRUCTURAL ENGINEER.

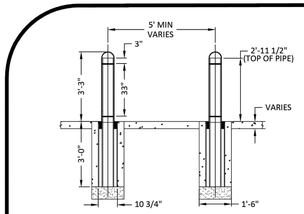
PLACEMENT: POLE SHALL BE PLACED AT PARKING STRIPE AT HEAD OF SPACE.

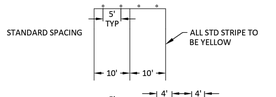
LIGHT POLE WITH STANDARD ANCHORING DETAIL

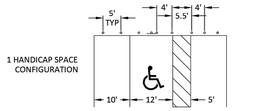
NTS

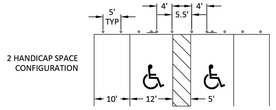
WAWA GENERAL DETAILS

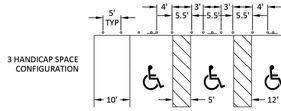
REV. OCTOBER 9, 2023







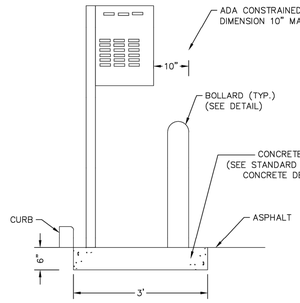




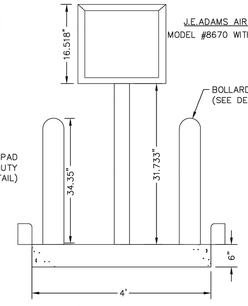
NOTE: ALL DIMENSIONS MEASURED TO CENTER OF BOLLARD. BOLLARD SPACING IS 5' UNLESS OTHERWISE NOTED.

BOLLARD SPACING/DIMENSION DETAIL

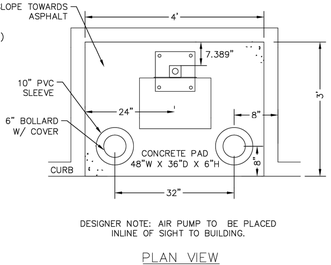
NTS



SIDE ELEVATION
N.T.S.



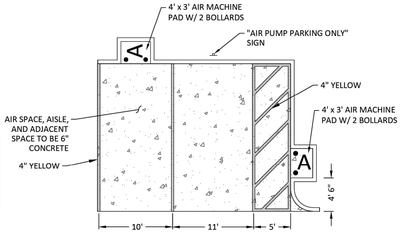
FRONT ELEVATION
N.T.S.



DESIGNER NOTE: AIR PUMP TO BE PLACED INLINE OF SIGHT TO BUILDING.

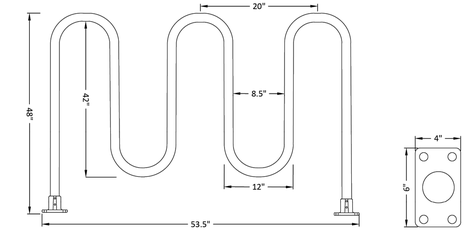
PLAN VIEW
N.T.S.

AIR PUMP STANDARD DETAIL



AIR PARKING SPACE DETAIL

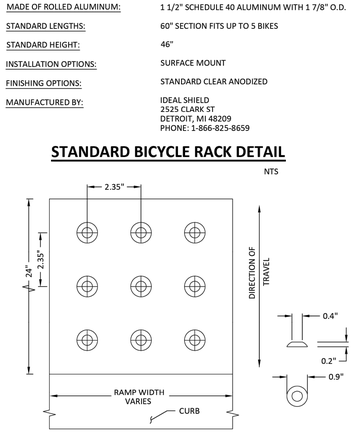
NTS



MADE OF ROLLED ALUMINUM:	1 1/2" SCHEDULE 40 ALUMINUM WITH 1 7/8" O.D.
STANDARD LENGTHS:	60" SECTION FITS UP TO 5 BIKES
STANDARD HEIGHT:	46"
INSTALLATION OPTIONS:	SURFACE MOUNT
FINISHING OPTIONS:	STANDARD CLEAR ANODIZED
MANUFACTURED BY:	IDEAL SHIELD 2525 CLARK ST DETROIT, MI 48209 PHONE: 1-866-825-8659

STANDARD BICYCLE RACK DETAIL

NTS

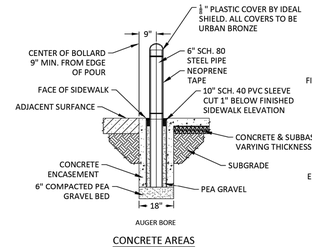


NOTE: SIDEWALK RAMPS TO MEET ADA, FDOT DESIGN STANDARDS, AND LOCAL SPECIFICATIONS.

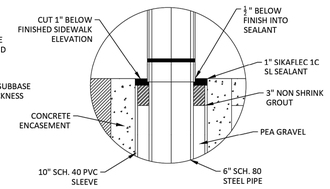
ADA DETECTABLE CURB WARNING DETAIL

ADA DOME TOOL DESIGN - STAMPCRETE INTERNATIONAL.

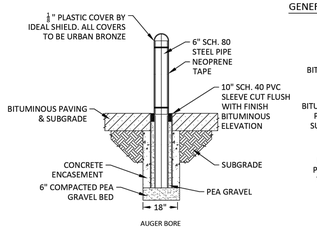
NTS



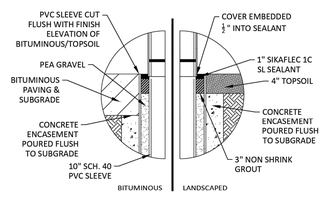
CONCRETE AREAS



GENERAL DETAILS AND CAULK/GROUT DETAIL FOR CONCRETE AREAS



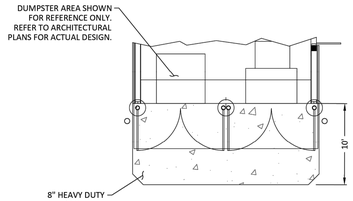
BITUMINOUS AREAS



CAULK/GROUT DETAIL FOR LANDSCAPED & BITUMINOUS AREAS

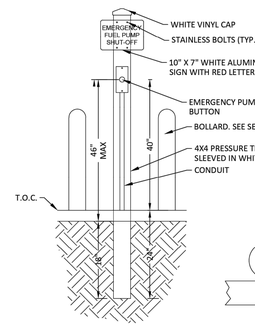
BOLLARD DETAIL

NTS



REMOTE DUMPSTER CONCRETE APRON

NTS



FRONT ELEVATION

PLAN VIEW

EMERGENCY PUMP SHUTOFF DETAIL

NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

Kimley»Horn
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6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED PROFESSIONAL ENGINEER — CHRISTY N. SITTLER — STATE OF FLORIDA — 79842 — CORY SITTLER — 08/28/2025

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

WAWA STANDARD DETAILS

WINTER SPRINGS WAWA

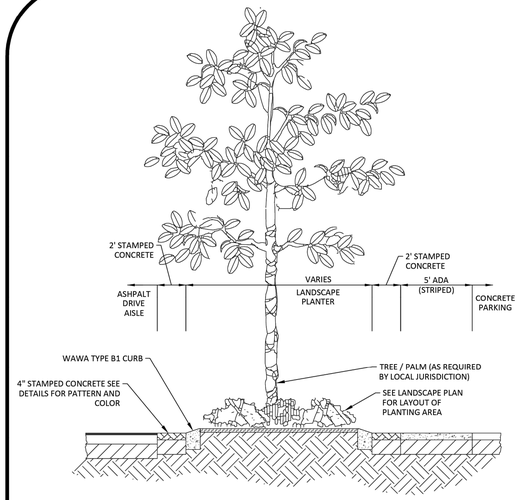
CITY OF WINTER SPRINGS FL

SHEET NUMBER
C9.0

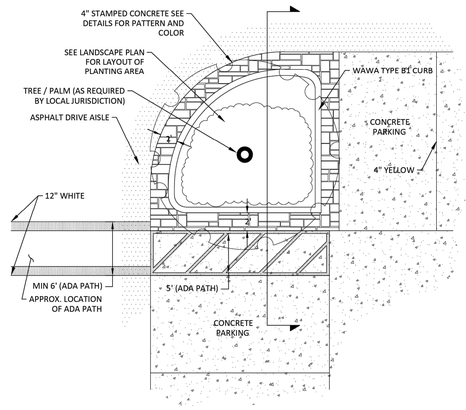
Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:C9.0 WAWA DETAILS August 29, 2025 09:24:08am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets Wawa\C9.0 DETAILS.dwg
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WAWA PLANTER DETAILS

REV. JULY 28, 2016



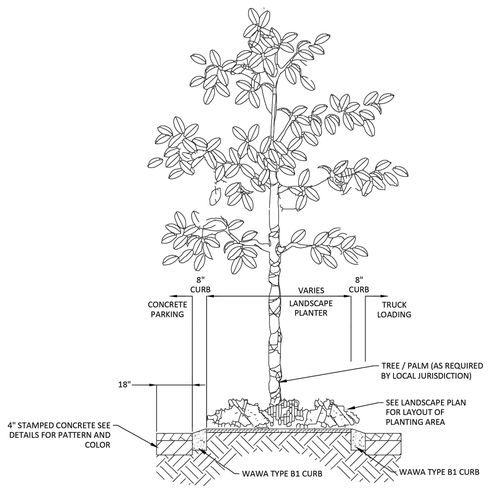
SECTION



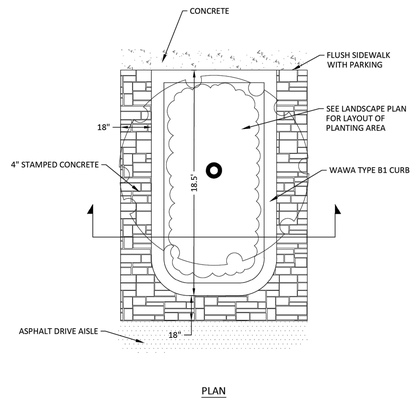
PLAN

CORNER ISLAND LANDSCAPE DETAIL

NTS



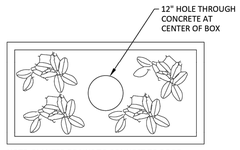
SECTION



PLAN

PARKING ISLAND LANDSCAPE DETAIL

NTS



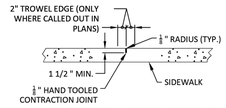
NOTE: PLANTER DRAINS TO CONNECT TO ROOF DRAIN MANIFOLD. SEE DETAIL.

PLANTER BOX DRAINAGE DETAIL

NTS

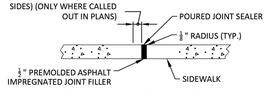
WAWA PAVEMENT DETAILS

REV. JUNE 7,2022



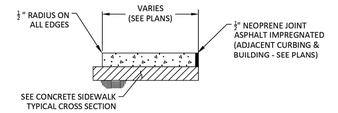
NOTE: CONTRACTION JOINTS TO BE SPACED AT A WIDTH OF WALKWAY OR A MAX. OF 10'.

CONTRACTION JOINTS



NOTE: EXPANSION JOINTS TO BE SPACED AT A MAX. OF 30'.

EXPANSION JOINTS

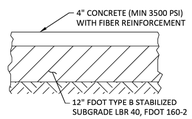


NOTE: TO BE CONSTRUCTED PER FDOT INDEX 522-001 & FDOT SPECIFICATIONS (SECTION 350)

SIDEWALK

SIDEWALK DETAILS

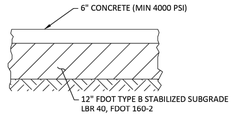
NTS



NOTE: TO BE CONSTRUCTED PER WAWA & FDOT SPECIFICATIONS (SECTION 350) AND GEOTECHNICAL ENGINEERING REPORT

CONCRETE SIDEWALK TYPICAL CROSS SECTION

NTS

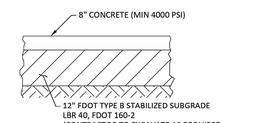


NOTE: TO BE CONSTRUCTED PER WAWA & FDOT SPECIFICATIONS (SECTION 350) AND GEOTECHNICAL ENGINEERING REPORT

STANDARD DUTY CONCRETE PAVEMENT TYPICAL CROSS SECTION

PARKING AT BUILDING & AIR PUMP

NTS

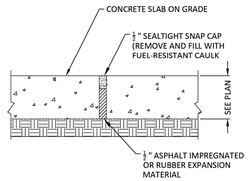


NOTE: TO BE CONSTRUCTED PER WAWA & FDOT SPECIFICATIONS (SECTION 350) AND GEOTECHNICAL ENGINEERING REPORT

HEAVY DUTY CONCRETE PAVEMENT TYPICAL CROSS SECTION

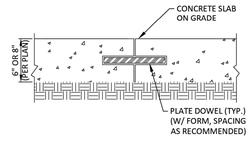
CANOPY AREA, LOADING ZONE & TANK FIELD AREA REMOTE DUMPSTER APRON

NTS

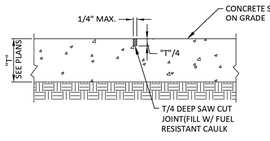


ISOLATION JOINT DETAIL

AT STRUCTURES SUCH AS GAS ISLANDS, BUILDING CANOPY COLUMNS, BOLLARDS ETC.



CONSTRUCTION JOINT DETAIL

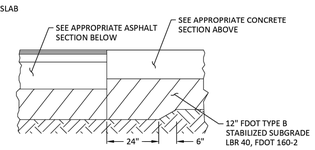


CONTROL JOINT DETAIL

NOTE: SEE ARCHITECT SPECIFICATIONS FOR COMPLETE CONCRETE DETAILS.

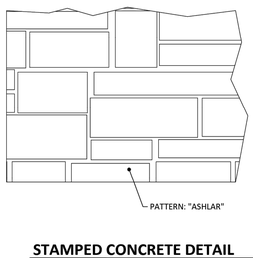
CONCRETE JOINT DETAILS

NTS



ASPHALT TO CONCRETE TRANSITION DETAIL

NTS



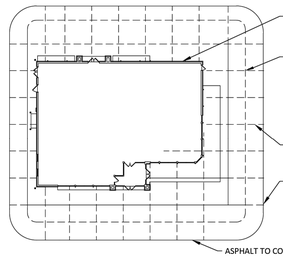
NOTES:

1. SEE PAVEMENT SECTION FOR PAVEMENT DETAILS TO BE STANDARD DUTY CONCRETE IN NON-VEHICULAR AREAS. TO MEET CONCRETE CROSSWALK DETAIL FOR CROSSWALKS IF APPLICABLE.
2. FINAL COLOR TO BE COORDINATED WITH WAWA PRIOR TO INSTALLATION.
3. THE STAMPED CONCRETE FIELD IS "ASHLAR" PATTERN. USE INCRETE COLOR-INTEGRATED CONCRETE "DESERT TAN" WITH THE FOLLOWING STEP-BY-STEP TREATMENT:
   - A. 100% BROADCAST DRY SHAKE HARDENER "DESERT TAN", FOLLOWED BY:
   - B. 30%-35% BROADCAST DRY SHAKE HARDENER "COCOA", THEN HARD TROWEL.
   - C. USE RELEASE POWDER "PEACH" IN MOLD. KEEP SOME OF THE COLOR IN GROUT JOINTS AND HIGHLIGHTS.
   - D. USE PENETRATING, NON-GLOSSY SEALER SUCH AS CLEAR SEAL BY INCRETE SYSTEMS

PATTERN: "ASHLAR"

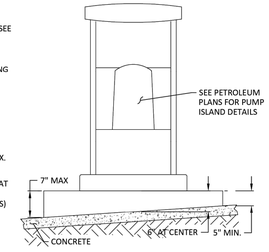
STAMPED CONCRETE DETAIL

NTS



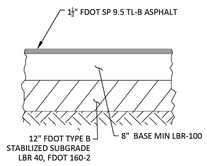
JOINT LAYOUT DETAIL

NTS



PUMP ISLAND GRADING DETAIL

NTS

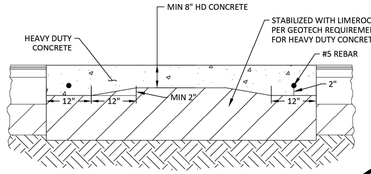


BASE:
1. FDOT SHELL ROCK, BANK RUN SHELL, LIMEROCK, CRUSHED CONCRETE OR CEMENT COQUINA BASE. LBR-100
2. BASE TO MEET LOCAL, FDOT, GEOTECHNICAL REPORT & WAWA SPECIFICATIONS

NOTES
1. TO BE CONSTRUCTED PER FDOT SPECIFICATIONS (SECTIONS 330, 200, & 160), GEOTECHNICAL ENGINEERING REPORT, AND WAWA SPECIFICATIONS.
2. INTENDED FOR SANDY AND GRAVEL SUB-GRADES CAPABLE OF ACHIEVING A LBR OF 10 OR GREATER (SN OF 2.60). A SUB-GRADE WITH LESS THAN 9 LBR WILL REQUIRE A SPECIFIC SUB-BASE AND PAVEMENT DESIGN.

STANDARD DUTY ASPHALT PAVEMENT TYPICAL CROSS SECTION

NTS



STAMPING OPTION TO BE DETERMINED BY CIVIL ENGINEER & WAWA

- ☑ NOT STAMPED/ COLORIZED (PREFERRED)
- ☐ STAMPED, SEE DETAIL FOR PATTERN & COLOR

CONCRETE CROSSWALK DETAIL

NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED FLORIDA PROFESSIONAL ENGINEER CORY NEIL SITTLER 79827 STATE OF FLORIDA

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

WAWA STANDARD DETAILS

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER C9.1

Plotted By:LaRocque, Allene Sheet Set:WINTER SPRINGS WAWA Layout:C9.1 WAWA DETAILS August 29, 2025 09:24:17am K:\od_civil\149170026-winter springs wawa\CAD\CONSTPlanSheets- Wawa\C9.0 DETAILS.dwg
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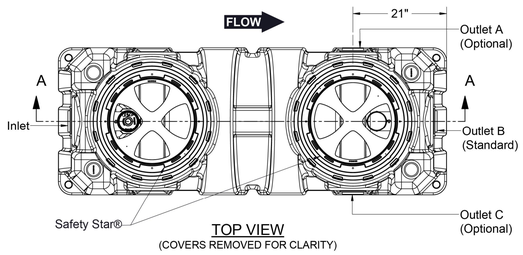
WAWA UTILITY DETAILS

REV. MAY 12, 2023

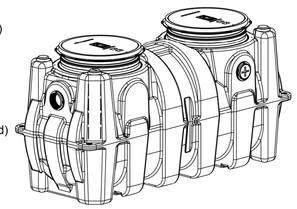
SPECIFICATIONS

Notes:

1. 4" FPT inlet/outlet with 4" plain end adapters, single inlet and triple outlet.
2. Unit weight - w/ cast iron covers: 376 lbs. (For wet weight add 2,310 lbs.)
3. Maximum operating temperature: 150° F continuous
4. Capacities - Liquid: 277 gal.;
   Grease: 1,895 lbs. (260 gal.) @100GPM
   Grease: 1,196 lbs. (164 gal.) @200GPM
   Solids: 69 gal.
5. This unit does not require flow control for 100 GPM applications. Built-in flow control is provided for 200 GPM applications. For series installations, only install flow control on the first unit in the series if necessary.
6. For gravity drainage applications only.
7. Do not use for pressure applications.
8. Cover placement allows full access to tank for proper maintenance.
9. Vent not required unless per local code.
10. Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.
11. Integral air relief / Anti-siphon / Sampling access.
12. Adjustable cover adapters provide up to 4" of additional height.
13. Designed for below-grade, above-grade, indoor or outdoor installations.
14. Safety Star®, access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).



TOP VIEW
(COVERS REMOVED FOR CLARITY)



ISOMETRIC VIEW

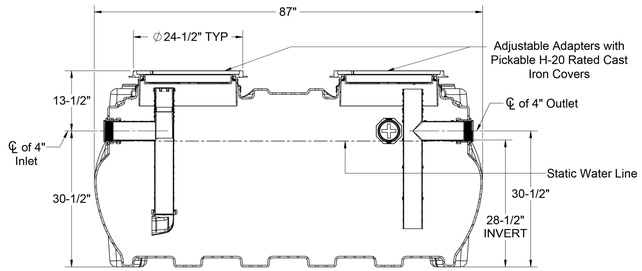
ENGINEER SPECIFICATION GUIDE

Schier Great Basin™ grease interceptor model # GB-250 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapters, Safety Star® access restrictor built into each cover adapter, built-in flow control (for 200 GPM only) and three outlet options. Interceptor shall be certified to ASME A112.14.3 (Type D for 100 GPM, type C for 200 GPM) and CSA B481.1. Interceptor flow rate shall be 100 GPM or 200 GPM. Interceptor grease capacity shall be 1,895 lbs. @ 100 GPM or 1,196 lbs. @ 200 GPM. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

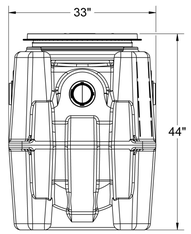
CERTIFIED PERFORMANCE

Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME #A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Type D certification does not require a flow control



SECTION A-A



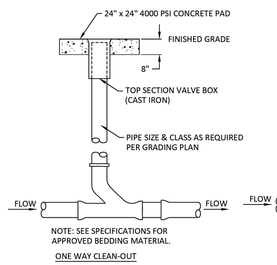
END VIEW

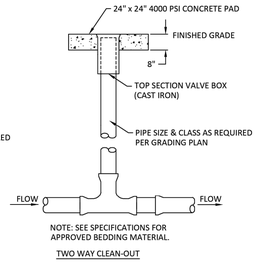
SPECIFICATION SHEET

MODEL NUMBER: GB-250	**PART NUMBER:** 4055-007-02			
	DESCRIPTION: GB-250 GREASE INTERCEPTOR 100 GPM / 200 GPM, 4" INLET/OUTLET, H-20 RATED CAST IRON COVERS			
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF **SCHIER PRODUCTS**. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF **SCHIER PRODUCTS** IS PROHIBITED.	**DWG BY:** C.SINCLAIR	**DATE:** 5/4/2022	**REV:** -	**ECO:** -

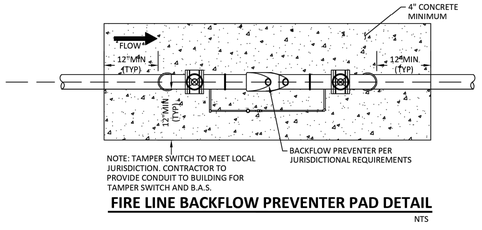
SCHIER
6455 Woodland Dr
Shawnee, KS 66218
Tel: 913-951-3300
Fax: 913-951-3399
schierproducts.com

GREASE TRAP DETAIL
NTS





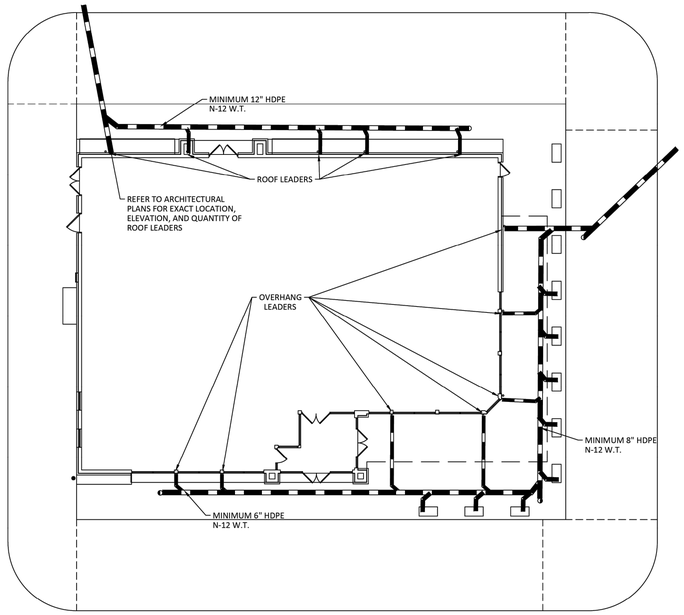
CLEAN OUT DETAIL
NTS



FIRE LINE BACKFLOW PREVENTER PAD DETAIL
NTS

WAWA DRAINAGE DETAILS

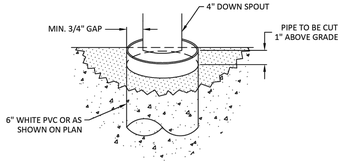
REV. MAY 15, 2019



NOTES:

1. ENGINEER TO SPECIFY ACTUAL PIPE SIZE PER HYDRAULIC CALCULATIONS.
2. SITE CONTRACTOR TO BUILD LINES TO INDIVIDUAL WYE FITTINGS.
3. PLANTER DRAINS ARE TO CONNECT TO MANIFOLD.

ROOF DRAIN MANIFOLD DETAIL
NTS



ROOF DRAIN CONNECTION DETAIL
NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED PROFESSIONAL ENGINEER — CORY N. SITTLER — LICENSE NO. 73844 — STATE OF FLORIDA — PROFESSIONAL ENGINEER — DATE:

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

WAWA STANDARD DETAILS

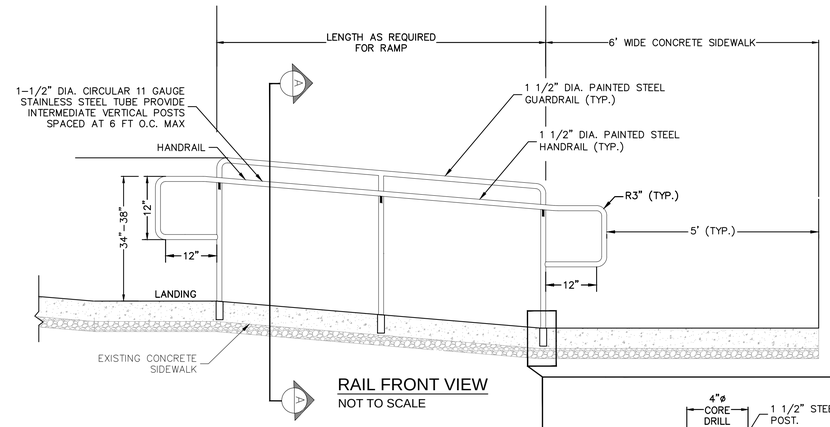
WINTER SPRINGS
WAWA

CITY OF WINTER SPRINGS — FL

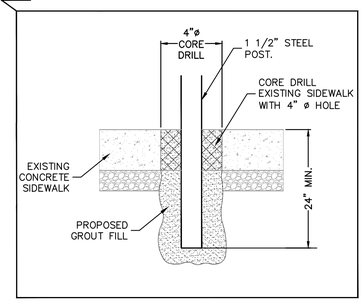
SHEET NUMBER
C9.2

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Sunshine811.com

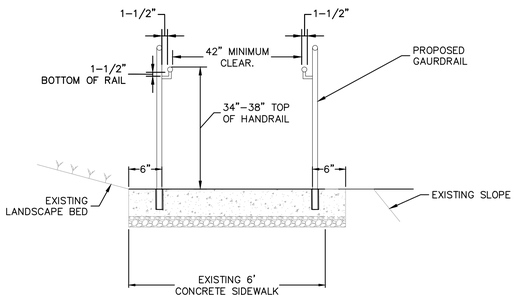
Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:C9.2 WAWA DETAILS August 29, 2025 09:24:27am K:\orl-civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C9.0 DETAILS.dwg
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RAIL FRONT VIEW
NOT TO SCALE

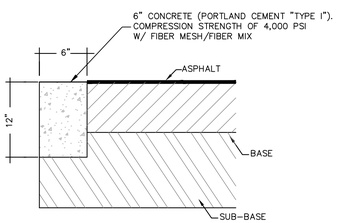


CORE DRILL BLOW UP
NOT TO SCALE



CROSS SECTION A-A
NOT TO SCALE

NOTES:
1. EXTEND HANDRAIL 12" BEYOND RAMP LIMITS; TYPICAL EACH END
2. RAILING TO BE DESIGNED TO MEET IBC 1607.8.1 FOR LOADING.
3. ALL PEDESTRIAN SIDEWALK, PATHWAYS, AND CROSSWALKS SHALL BE CONSTRUCTED TO COMPLY WITH A.D.A. SPECIFICATIONS AND NOT EXCEED MAX. 2.0% CROSS SLOPE (1:48), MAX. 5% RUNNING SLOPE (1:20) WITHOUT RAILS. ANY SLOPE EXCEEDING 5% WILL REQUIRED RAILS AS SHOWN ABOVE.



RIBBON CURB DETAIL
N.T.S.

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Sunshine811.com

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED FLORIDA PROFESSIONAL CORY N. SITLER 73161 STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER
DATE: 08/28/25

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

GENERAL CONSTRUCTION DETAILS

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C9.3

Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:C9.3 GENERAL DETAILS August 29, 2025 09:24:32am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C9.0 DETAILS.dwg
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Taper

NOTES:

1. *L = Taper Length*
   B = Buffer Length
   X = Work Zone Sign Distance
   See Index 102-600 for "L", "B", "X", channelizing device spacing values.

2. *Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.*

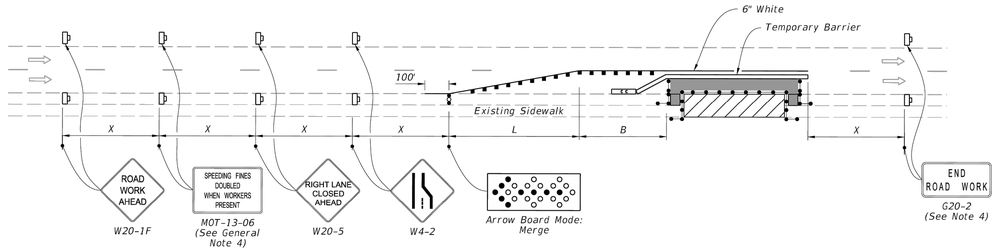
3. *When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.*

4. *The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work operation will be in place for 24 hours or less.*

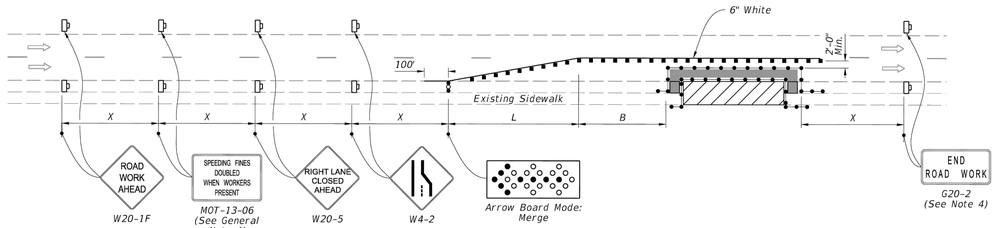
5. *Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer.*

SYMBOLS:

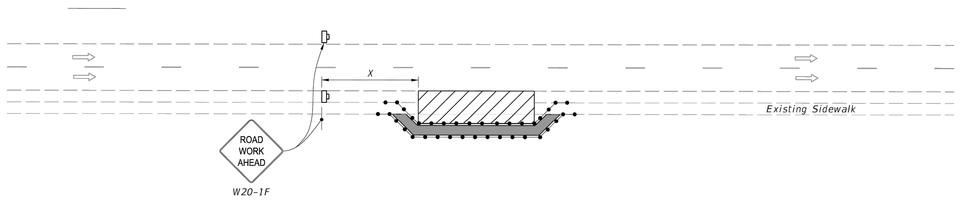
- *Work Area*
- *Temporary Pedestrian Way*
- *Channelizing Device (See Index 102-600)*
- *Pedestrian Longitudinal Channelizing Device (LCD)*
- *Work Zone Sign*
- *Arrow Board*
- *Crash Cushion*
- *Lane Identification and Direction of Traffic*



PEDESTRIAN DIVERSION - OPTION 1
(Temporary Barrier Shown, Low Profile Barrier Similar)



PEDESTRIAN DIVERSION - OPTION 2
(Work Zone Speed 35 mph or Less)



PEDESTRIAN SPECIAL DETOUR

LAST REVISION	DESCRIPTION:		INDEX	SHEET
11/01/21	REVISION	FY 2023-24 STANDARD PLANS — SIDEWALK CLOSURE	102-660	2 of 2

2/21/2023 10:19:10 AM

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB
2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED FLORIDA PROFESSIONAL ENGINEER — CORY N. SITLER — STATE OF FLORIDA — 78962 — PROFESSIONAL ENGINEER — DATE:

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

GENERAL CONSTRUCTION DETAILS

WINTER SPRINGS WAWA

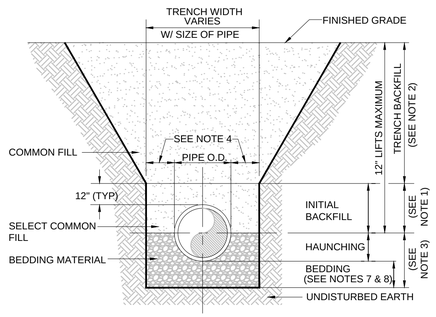
CITY OF WINTER SPRINGS FL

SHEET NUMBER C9.4

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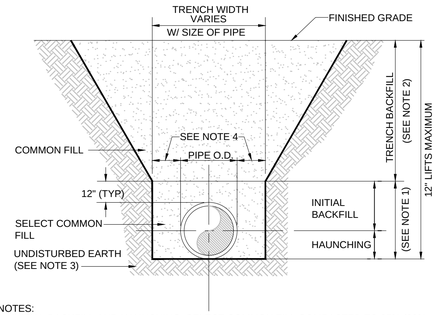
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BEDDING AND TRENCHING - TYPE A



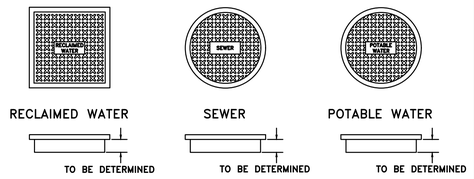
NOTES:
1. INITIAL BACKFILL: SELECT COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. TYPE A BEDDING MATERIAL SHALL CONFORM TO FDOT NO. 57 AGGREGATE.
4. 15" MAX. (12" MIN.) FOR PIPE DIAMETER LESS THAN 24" AND 24" MAX (12" MIN) FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. BEDDING DEPTH SHALL BE 4" MINIMUM FOR PIPE DIAMETER UP TO 12" AND 6" MINIMUM FOR PIPE DIAMETER 16" AND LARGER.
8. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. UTILITIES SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.
9. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY OF WINTER SPRINGS RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF R/W UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATIONS.

BEDDING AND TRENCHING - TYPE B

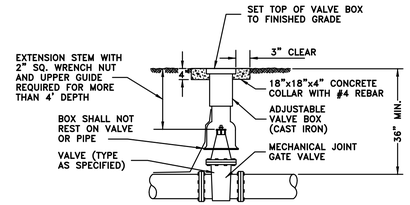


NOTES:
1. INITIAL BACKFILL AND HAUNCHING: SELECT COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY UTILITIES.
4. 15" MAX. (12" MIN.) FOR PIPE DIAMETER LESS THAN 24" AND 24" MAX (12" MIN) FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN CITY OF WINTER SPRINGS RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATIONS.

VALVE, VALVE BOX AND COVER



TYPICAL VALVE BOX COVER DETAILS

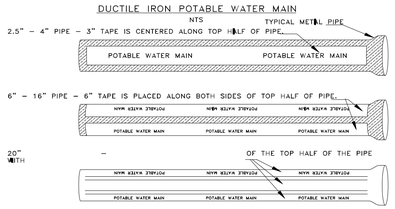


TYPICAL VALVE AND VALVE BOX DETAIL

WSW001 12-07-93

DUCTILE IRON POTABLE WATER MAIN

NTS

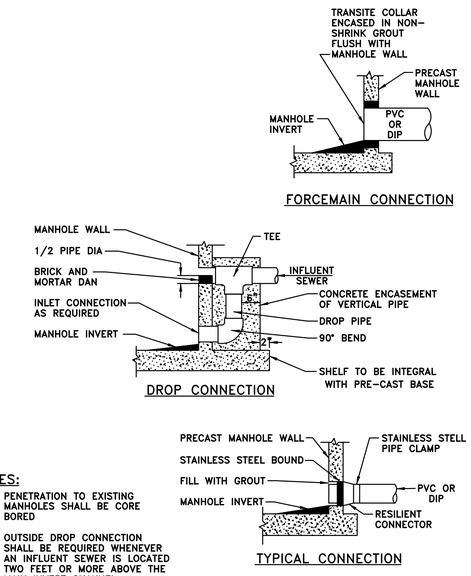


NOTE:
Standard Water Line Tape and Blue With Block Lettering
Sewer Line Tape is 3" Wide and Green With Block Lettering
Force Main Tape is 3" Wide and Brown With Black Lettering

W.S.DETAIL 6-9-00 DET.DOT

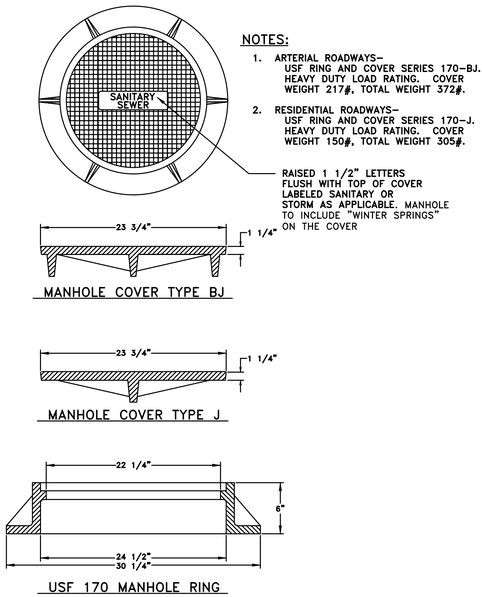
PIPE IDENTIFICATION AND WARNING TAPE

TYPICAL MANHOLE CONNECTIONS



NOTES:
1. PENETRATION TO EXISTING MANHOLES SHALL BE CORE BORED
2. OUTSIDE DROP CONNECTION SHALL BE REQUIRED WHENEVER AN INFLUENT SEWER IS LOCATED TWO FEET OR MORE ABOVE THE MAIN INVERT CHANNEL

MANHOLE FRAME & COVER

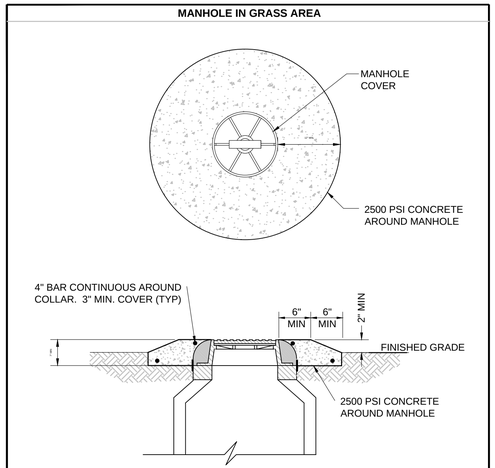


NOTES:
1. ARTERIAL ROADWAYS– USF RING AND COVER SERIES 170–BJ. HEAVY DUTY LOAD RATING. COVER WEIGHT 217#, TOTAL WEIGHT 372#.
2. RESIDENTIAL ROADWAYS– USF RING AND COVER SERIES 170–J. HEAVY DUTY LOAD RATING. COVER WEIGHT 150#, TOTAL WEIGHT 305#.

RAISED 1 1/2" LETTERS FLUSH WITH TOP OF COVER LABELED SANITARY OR STORM AS APPLICABLE. MANHOLE TO INCLUDE "WINTER SPRINGS" ON THE COVER

W.S. Detail 6-9-00

MANHOLE IN GRASS AREA



NOTES:
1. CLEARANCE OF 30" FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
2. AREAS SUPPORTING CONCRETE COLLAR OR SLAB SHALL BE PROPERLY COMPACTED.
3. TOP OF MANHOLE SHALL BE 2" ABOVE FINISHED GRADE, CROWN OF ADJACENT ROADWAY, OR 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.

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2	REVISED PER CITY COMMENTS	08/28/25	ADL

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LICENSED PROFESSIONAL ENGINEER GARY N. SITTLER STATE OF FLORIDA 73993 PROFESSIONAL ENGINEER 08/28/25

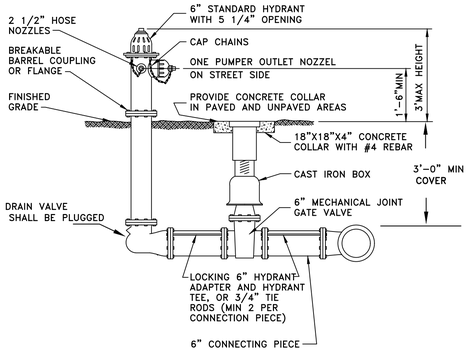
KHA PROJECT 149170026
DATE 08/28/25
SCALE AS SHOWN
DESIGNED BY CNS
DRAWN BY MMB
CHECKED BY ADL

UTILITY DETAILS

WINTER SPRINGS WAWA
CITY OF WINTER SPRINGS FL

SHEET NUMBER C10.0

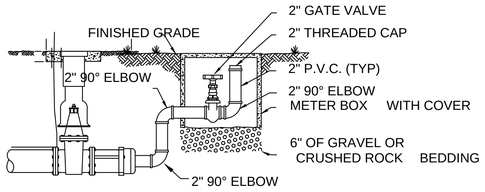
Plotted By:LaRocque, Arlene Sheet Set:WINTER SPRINGS WAWA Layout:UTILITY DETAILS August 29, 2025 09:24:51am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C10.0 UTILITY DETAILS.dwg
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NOTES:

1. THE HYDRANTS ACCEPTABLE TO THE CITY OF WINTER SPRINGS SHALL BE EITHER THE CLOW # 42 MEDALION AMERICAN DARLING B84B, OR THE MUELLER A-423.
2. THE BARREL SHALL BE PAINTED YELLOW AND TOP WHITE
3. GRIP RING OR MEGA LUG RESTRAINTS MAY USED IN PLACE OF ALL THREAD RODS

FIRE HYDRANT ASSEMBLY



NOTE:
ALL PIPE AND FITTINGS MUST BE SCHEDULE 40 P.V.C.

BLOWOFF VALVE

W.S. DETAIL 6-9-00 DT

*MINIMUM LENGTH OF RESTRAINED PIPE TO BE INSTALLED ON EACH SIDE OF FITTING							
FITTINGS	PIPE DIAMETER (INCHES)						
	4	6	8	10	12	16	24
90° BEND	25	36	46	55	64	N/A	N/A
45° BEND	10	15	19	23	26	N/A	N/A
22 ½° BEND	5	8	9	11	13	N/A	N/A
11 ¼° BEND	3	4	5	6	8	N/A	N/A
PLUG OR BRANCH OF TEE	40	57	75	91	106	N/A	N/A
DEAD ENDS	42	59	77	93	108	N/A	N/A

* TO BE FILLED IN BY DESIGN ENGINEER

*MINIMUM LENGTH OF RESTRAINED PIPE TO BE INSTALLED ON LARGE SIDE OF REDUCER						
	LARGER MAIN (INCHES)	REDUCED PIPE DIAMETER (INCHES)				
		4	6	8	10	12
REDUCER	8	56	33	N/A	N/A	N/A
	10	76	57	32	N/A	N/A
	12	94	79	58	32	N/A

* TO BE FILLED IN BY DESIGN ENGINEER

NOTES:

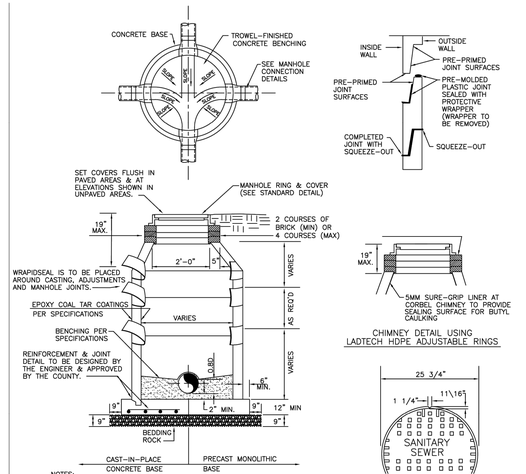
1. INSTALL FULL LENGTH JOINTS WITH TOTAL NUMBER OF JOINTS EQUAL TO OR GREATER THAN SHOWN IN THE TABLE AND FOR THE TOTAL EQUIVALENT LENGTH REQUIRED.
2. WHERE TWO OR MORE FITTINGS ARE TOGETHER USE FITTINGS WHICH YIELD THE GREATEST NUMBER OF RESTRAINED JOINTS.
3. CONTRACTOR SHALL SUBMIT FOR REVIEW AND COMMENT, DRAWINGS FOR RESTRAINED JOINT SYSTEM. ENGINEER APPROVED SHOP DRAWINGS TO BE SUBMITTED TO THE COUNTY.
4. RESTRAINING SEWER AND WATER MAIN SCHEDULES SHALL BE COMPLETED BY THE ENGINEER BASED ON ALL DESIGN CONSIDERATIONS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

TYPE OF PIPE:	DIP
WORKING PRESSURE:	150 PSI
SOIL DESIGNATION:	SM (SAND SILT)
DEPTH OF COVER:	4-FT
LAYING CONDITION:	TYPE 3
FACTOR OF SAFETY:	1.5

5. FOR HDPE, PVC OR PIPE ENCASED IN POLYETHELYNE, INCREASE THE GIVEN VALUE BY A FACTOR OR 1.25.

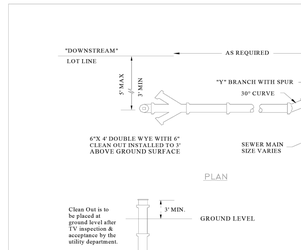
RESTRAINED JOINT TABLE

SEM. CO. MAY 2013
110

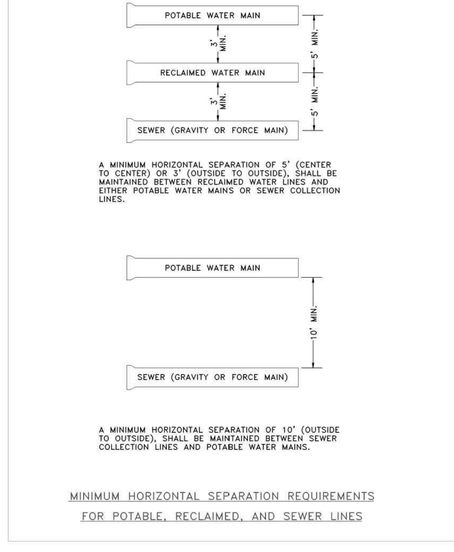


PRECAST ECCENTRIC CONCRETE MANHOLE

SEM. CO. OCT 2012
309



SEWER LATERAL DETAIL



MINIMUM HORIZONTAL SEPARATION REQUIREMENTS FOR POTABLE, RECLAIMED, AND SEWER LINES

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LICENSED PROFESSIONAL ENGINEER CORY N. STILLEY STATE OF FLORIDA 86809 PROFESSIONAL ENGINEER

KHA PROJECT	149170026
DATE	08/28/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

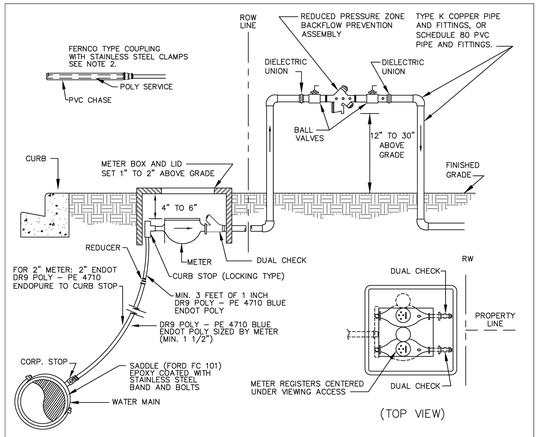
UTILITY DETAILS

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER C10.1

Plotted By: LaRocque, Arlene Sheet Set: WINTER SPRINGS WAWA Layout: C8.1 UTILITY DETAILS August 29, 2025 09:24:54am K:\orl_civil\149170026-winter springs wawa\CAD\CONST\PlanSheets- Wawa\C10.0 UTILITY DETAILS.dwg
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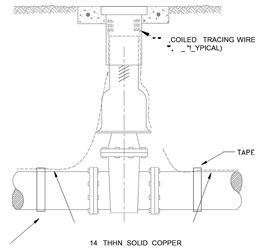


NOTES:

1. A POSITIVE DIELECTRIC CONNECTION SHALL BE MADE BETWEEN ALL GALVANIZED AND BRASS COMPONENTS.
2. METER SHALL BE INSTALLED BETWEEN SIDEWALK AND CURB WHERE APPLICABLE, OR AT PROPERTY LINE AND IN NO CASE SHALL IT BE INSTALLED IN SIDEWALK OR OTHER PAVED AREAS.
3. FOR COMMERCIAL INSTALLATION, BACKFLOW PREVENTION ASSEMBLIES (BFP) AND PIPING SHALL BE PAINTED WITH A PRIMER SUITED TO BASE MATERIALS AND SHALL BE FINISHED WITH TWO COATS EXTERIOR ENAM (COLOR OPTIONAL).
4. ON NEW INSTALLATIONS, THE BFP SHALL BE TESTED IN ACCORDANCE WITH CITY OF WINTER SPRINGS WATER SPRINGS REQUIREMENTS BEFORE THE METER INSTALLATION CAN BE APPROVED FOR USE.
5. FOR ROADWAY CROSSINGS, ALL POLYETHYLENE SERVICE LINES SHALL BE INSTALLED IN A SCHEDULE 40 PVC SLEEVE. THE SLEEVE SHALL HAVE A NOMINAL DIAMETER OF A MINIMUM OF 1 INCH LARGER THAN TH SERVICE LINE DIAMETER, BUT NOT EXCEEDING 4 INCH NOMINAL DIAMETER. THE SLEEVE SHALL EXTEND A MINIMUM OF 12 INCHES BEYOND THE OUTSIDE EDGE OF THE ROADWAY PAVEMENT AND/OR CURBING. TH DEPTH OF COVER OVER THE CASING SHALL BE A MINIMUM OF 24 INCHES BELOW THE BASE COURSE OR 36 INCHES OF TOTAL COVER, WHICHEVER IS GREATER. THE ANNULAR SPACE SHALL BE SEALED WITH A CASING SEALER. A FERNCO TYPE COUPLING WITH STAINLESS STEEL CLAMPS SHALL BE INSTALLED AT THE CASING ENDS.
6. MAINTENANCE OF THE BFP, PIPING AND APPURTENANCES DOWNSTREAM OF THE METER SHALL BE THE RESPONSIBILITY OF THE OWNER.
7. ON SINGLE FAMILY RESIDENTIAL IRRIGATION SYSTEMS, THE BFP MAY BE INSTALLED ANYWHERE BETWEEN THE IRRIGATION METER AND THE HOUSE, BUT NOT FARTHER THAN 50 FEET FROM THE METER AND SHALL BE UPSTREAM OF ANY OUTLET AND SHALL MEET ALL OTHER INSTALLATION REQUIREMENTS.
8. THE BFP SHALL NOT BE INSTALLED IN THE RIGHT OF WAY.

COMMERCIAL 3/4", 1", 1 1/2" & 2" WATER METER, DUAL CHECK BACKFLOW AND REDUCED PRESSURE BACKFLOW PREVENTER WHEN USING POTABLE OR RECLAIMED WATER FOR IRRIGATION

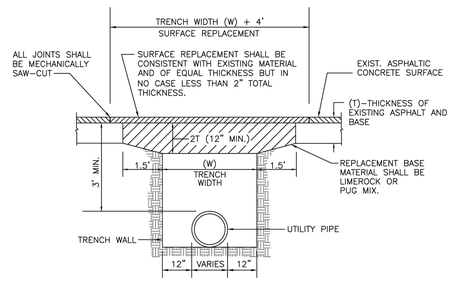
SEM.CO OCT 2012
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TRACING WIRE GENERAL NOTES:

1. PIPE LINE TRACING WIRE IS TO BE INSTALLED ON ALL POTABLE WATER RECLAIMED WATER AND SEWER FORCE MAINS.
2. SYSTEMS-TRACING WIRE SHALL ALLOW TRACABILITY OF ALL PIPE BRANCHES INCLUDING THOSE FOR HYDRANTS. TRACING WIRE SHALL BE INSTALLED OVER THE ENTIRE LENGTH OF THE MAIN AND SECURED TO THE MAIN EVERY 5 FEET WITH ADHESIVE TAPE. WIRE SHALL EXTEND A MINIMUM OF 12" ABOVE GRADE AT EACH INTERVAL AND SHALL BE COILED AND PLACED IN A VALVE BOX FOR EASY ACCESSIBILITY.
3. ON DEAD END MAINS THE TRACING WIRE SHALL BE PLACED IN A PROPERLY IDENTIFIED PVC VALVE BOX AT THE END OF THE RUN.

TRACING WIRE CONNECTION

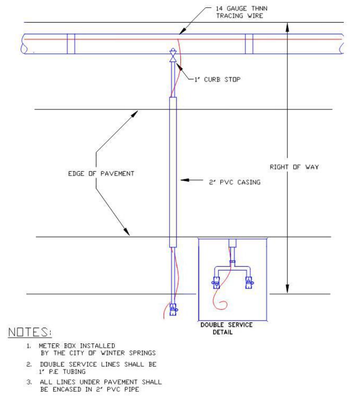


NOTES:

1. BACKFILL SHALL BE PLACED IN 6" LAYERS FROM BENEATH THE HAUNCHES OF THE PIPE TO THE BASE AND COMPACTED TO 98% DENSITY PER AASHTO T-180 MODIFIED PROCTER.
2. BASE MATERIALS SHALL BE PLACED IN TWO OR THREE LAYERS ROLLED AND TAMPED TO ABOVE SPECIFIED DENSITY.

STANDARD ROADWAY OPEN CUT DETAIL

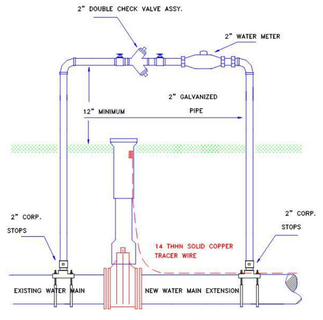
SEM. CO. OCT 2012
106



NOTES:

1. METER BOX INSTALLED BY THE CITY OF WINTER SPRINGS
2. DOUBLE SERVICE LINES SHALL BE 1" PE TUBING
3. ALL LINES UNDER PAVEMENT SHALL BE ENCASED IN 2" PVC PIPE

POTABLE WATER SERVICE
OPPOSITE SIDE OF MAIN



TEMPORARY BYPASS

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LICENSED PROFESSIONAL ENGINEER CORY N. SITTLER STATE OF FLORIDA 73844 PROFESSIONAL ENGINEER

KHA PROJECT	149170026
DATE	08/28/25
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DESIGNED BY	CNS
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CHECKED BY	ADL

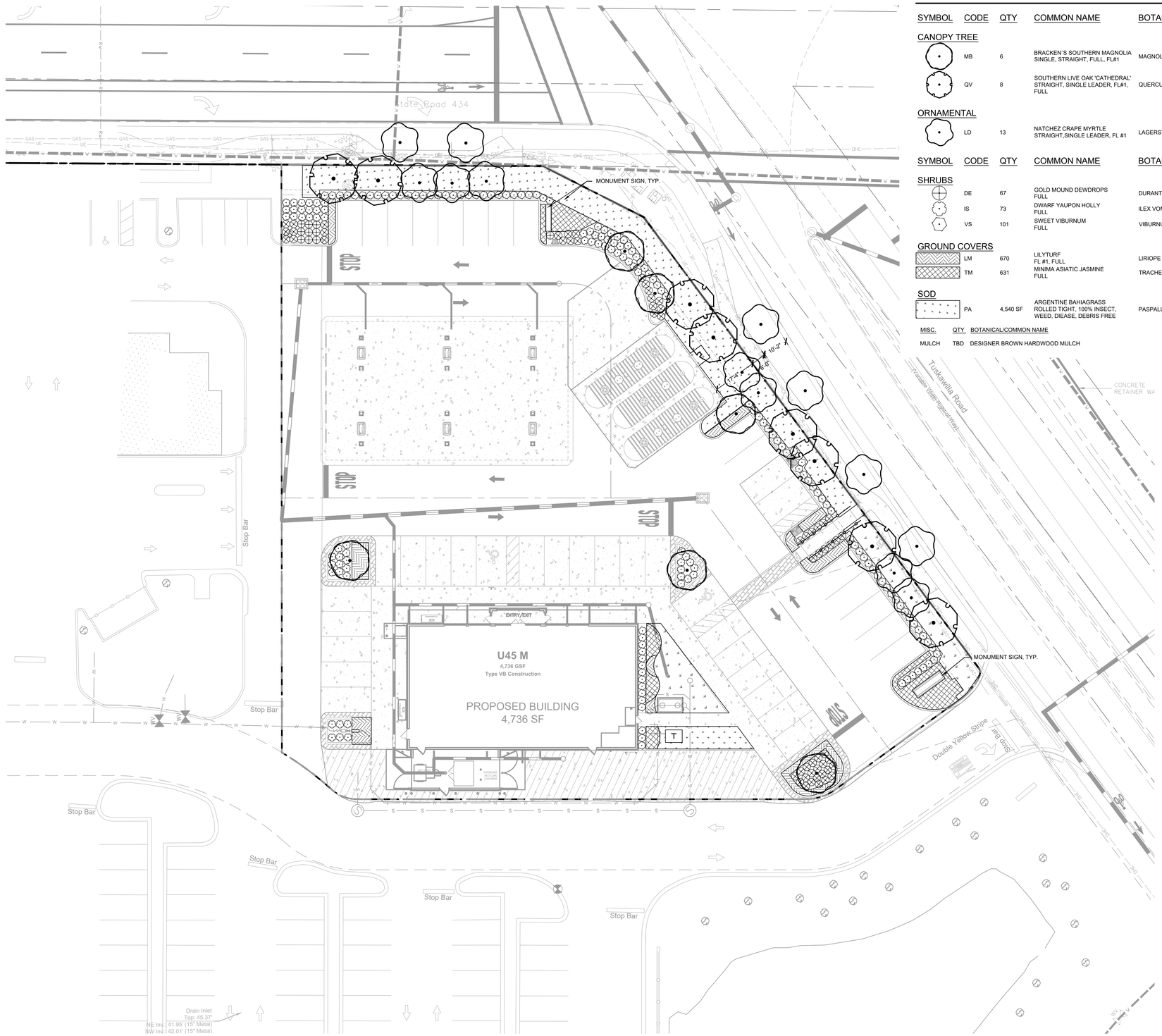
UTILITY DETAILS

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C10.2

Plotted By:LaRocque, Allene Sheet Set:WINTER SPRINGS WAWA Layout:C8.3 UTILITY DETAILS August 29, 2025 09:24:08am K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\C10.0 UTILITY DETAILS.dwg
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PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	CAL	SIZE
CANOPY TREE							
	MB	6	BRACKEN'S SOUTHERN MAGNOLIA SINGLE, STRAIGHT, FULL, FL#1	MAGNOLIA GRANDIFLORA `BRACKENS BROWN BEAUTY`	FG	3" CAL MIN	10` HT., 4` SPR.
	QV	8	SOUTHERN LIVE OAK 'CATHEDRAL' STRAIGHT, SINGLE LEADER, FL#1, FULL	QUERCUS VIRGINIANA 'CATHEDRAL'	FG	4" CAL MIN	12` HT., 4` SPR.
ORNAMENTAL							
	LD	13	NATCHEZ CRAPE MYRTLE STRAIGHT,SINGLE LEADER, FL #1	LAGERSTROEMIA INDICA `NATCHEZ`	FG	2" CAL MIN	10` HT MIN

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	SPACING
SHRUBS							
	DE	67	GOLD MOUND DEWDROPS FULL	DURANTA ERECTA 'GOLD MOUND'	3 GAL	36" FULL	36" OC
	IS	73	DWARF YAUPON HOLLY FULL	ILEX VOMITORIA `STOKES DWARF	3 GAL	24" FULL	36" OC
	VS	101	SWEET VIBURNUM FULL	VIBURNUM ODORATISSIMUM	3 GAL	30" FULL	36" OC
GROUND COVERS							
	LM	670	LILYTURF FL #1, FULL	LIRIOPE MUSCARI	1 GAL	12" FULL	12" OC
	TM	631	MINIMA ASIATIC JASMINE FULL	TRACHELOSPERMUM ASIATICUM 'MINIMA'	1 GAL	12" FULL	12" OC
SOD							
	PA	4,540 SF	ARGENTINE BAHIAGRASS ROLLED TIGHT, 100% INSECT, WEED, DIEASE, DEBRIS FREE	PASPALUM NOTATUM 'ARGENTINE'	SOD	-	-

MISC.	QTY	BOTANICAL/COMMON NAME
MULCH	TBD	DESIGNER BROWN HARDWOOD MULCH

SPECIFICATIONS

3" DEPTH MINIMUM, SHREDDED, FREE OF WEEDS/INVASIVE PLANT MATERIAL

LANDSCAPE NOTES:

1. ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
2. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
3. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
4. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA 2) TO PROTECT ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
11. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
12. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
13. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
14. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN "GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II," STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
15. ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
16. ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
17. TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
18. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.
19. ALL PLANTED LANDSCAPE AREAS TO HAVE 3" DEEP DESIGNER BROWN HARDWOOD MULCH TO FULLY COVER DRIP IRRIGATION & AMENDED SOILS. REPAIR AS NEEDED DURING CONSTRUCTION. SUBMIT ALTERNATIVE MULCH SPECIFICATION FOR LANDSCAPE ARCHITECT APPROVAL.

GRAPHIC SCALE IN FEET
0 10 20 40

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PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANCO 1A6667292 STATE OF FLORIDA

DATE: 07/18/25

KHA PROJECT	149170026
DATE	07/18/25
SCALE	AS SHOWN
DESIGNED BY	GNS
DRAWN BY	NMB
CHECKED BY	ATDS

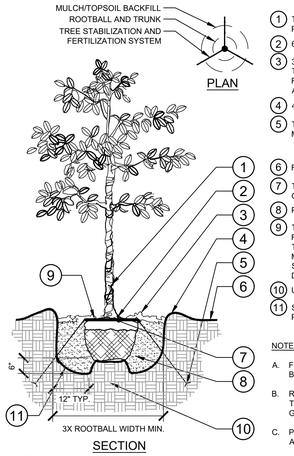
LANDSCAPE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L1.00

Plotted By:Kiszem, Mary Sheet Set:WINTER SPRINGS WAWA Layout:LANDSCAPE PLAN July 28, 2025 09:41:38pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\L1.00 LANDSCAPE PLAN.dwg



1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3" MINIMUM MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
4. 4" HIGH BERM, FIRMLY COMPACTED.
5. TREE FROG ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. FINISHED GRADE. (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. TOP OF ROOTBALL SHALL BE 1" ABOVE FINISHED GRADE. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.

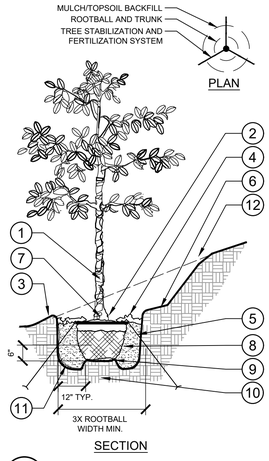
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

1 L1.50 TREE PLANTING
SECTION / PLAN — NTS



1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3. 4" HIGH BERM, FIRMLY COMPACTED.
4. 3" MINIMUM OF HARDWOOD BARK MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
5. TREE FROG ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE. (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.
12. CUT BACK SLOPE TO PROVIDE A FLAT SURFACE FOR PLANTING.

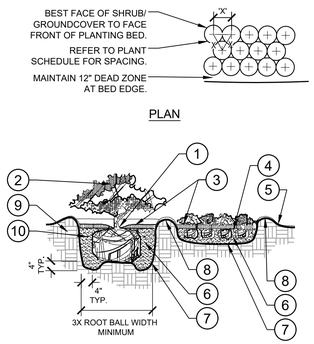
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

2 L1.50 TREE PLANTING ON A SLOPE
SECTION / PLAN — NTS



1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
3. 3" MULCH LAYER AS SPECIFIED.
4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
5. FINISHED GRADE (SEE GRADING PLAN).
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
7. SCARIFY OF PLANTING PIT SIDES AND BOTTOM.
8. 4" HIGH BERM FIRMLY COMPACTED.
9. UNDISTURBED NATIVE SOIL.
10. FERTILIZER TABLETS (MAX 3" DEEP)

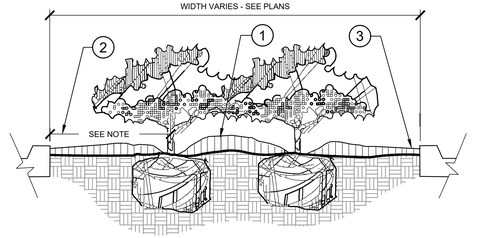
NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

3 L1.50 SHRUB/GROUNDCOVER PLANTING
SECTION / PLAN — NTS



1. CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
2. CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH OR TURF, SEE PLANS.
3. 2" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

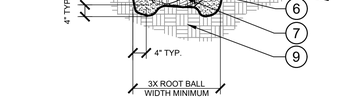
NOTES:

A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.

B. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).

C. ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR LESS.

4 L1.50 PLANTED PARKING LOT ISLANDS/MEDIANS
SECTION — NTS



1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE SHRUBS AS DIRECTED BY OWNER'S REPRESENTATIVE.
3. 3" MINIMUM OF MULCH AS SPECIFIED. WHERE SHRUBS ARE PLACED IN MASSES, MULCH SHALL BE SPREAD IN A CONTINUOUS BED.
4. SOIL BERM TO HOLD WATER. TOP OF PLANTING PIT 'BERM' TO BE LEVEL ACROSS PIT. SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE. MULCH OVER EXPOSED TOPSOIL.
5. FINISHED GRADE (SEE GRADING PLAN)
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).
7. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
8. FERTILIZER TABLETS (MAX 3" DEEP).
9. UNDISTURBED NATIVE SOIL

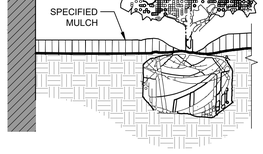
NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

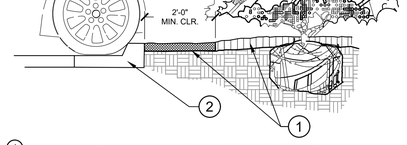
5 L1.50 SHRUB/GROUNDCOVER PLANTING ON A SLOPE
SECTION — NTS



NOTES:

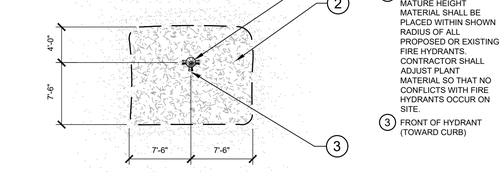
1. CLEAR ZONE: 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.
2. INSTALL SPECIFIED MULCH: 24" MIN. FROM BUILDING. SPECIFIED MULCH TO BE INSTALLED AT A DEPTH OF 3" (MIN.)

6 L1.50 PLANTINGS ADJACENT TO BUILDINGS
SECTION — NTS



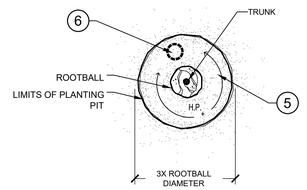
1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.
2. CURB / PARKING LOT EDGE.

7 L1.50 PARKING SPACE/CURB PLANTING
SECTION — NTS



1. FIRE HYDRANT.
2. NO PLANT EXCEEDING 12" MATURE HEIGHT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON SITE.
3. FRONT OF HYDRANT (TOWARD CURB)

8 L1.50 SHRUB PLANTING AT FIRE HYDRANT
SECTION / PLAN — NTS



1. FINISH GRADE (SEE GRADING PLANS).
2. BACKFILL WITH PREPARED PLANTING SOIL MIX AS SPECIFIED.
3. FILTER CLOTH, MIRAFI 500X OR BETTER.
4. SLOPE BOTTOM TO DRAIN.
5. AUGURED HOLE Ø ±18" PENETRATE THROUGH OCCLUDING LAYER TO WATER TABLE OR TO A DEPTH OF 7' TO ASSURE PROPER PERCOLATION.
6. BACKFILL WITH 1/2" - 3/4" GRAVEL TO REQUIRED DEPTH THROUGH OCCLUDING LAYER TO ASSURE PROPER PERCOLATION.
7. WATER TABLE. (DEPTH VARIES)
8. UNDISTURBED NATIVE SOIL.
9. SET ROOTBALL ON UNDISTURBED STABLE SUBSOIL SO THAT TOP OF ROOT BALL IS 1" ABOVE FINISHED GRADE.

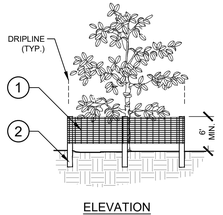
NOTES:

A. THIS DETAIL SHALL BE IMPLEMENTED WHERE PERCOLATION RATES ARE 2" PER HOUR OR LESS.

B. CONTRACTOR TO PERFORM PERCOLATION TEST AS REQUIRED. AND NOTIFY OWNER/LANDSCAPE ARCHITECT.

C. SEE TYPICAL TREE PLANTING DETAIL THIS SHEET FOR PLANT STAKING.

9 L1.50 POOR DRAINAGE CONDITION
SECTION / PLAN — NTS



1. 6'H "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2" x 2" X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.

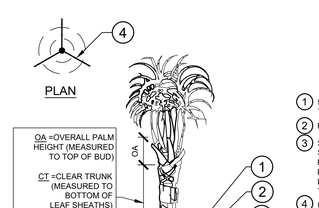
B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.

C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).

D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

10 L1.50 TREE PROTECTION FENCING
ELEVATION / PLAN — NTS



1. 5 LAYERS OF BURLAP TO PROTECT TRUNK.
2. FIVE 2" X 4" X 18" WOOD BATTENS.
3. SECURE BATTENS WITH 2- 3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING.
4. (3) 2"X4"X8' SUPPORTS. NAIL (DRILL AN NAIL IF NECESSARY) TO BATTENS AND 2" 4" STAKES. STAIN DARK BROWN.
5. 3" SPECIFIED MULCH
6. BERM SOIL TO HOLD WATER.
7. FINISH GRADE
8. 2X4X24" (MIN) P.T. WOOD STAKES (TYP.) NAIL TO SUPPORT POLES.
9. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).

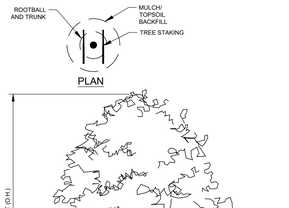
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. ALL TREE STAKING IS TO BE WITHIN MULCH BED AREA OUTSIDE TREE PIT.

C. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION - REFER TO POOR DRAINAGE CONDITION DETAIL.

11 L1.50 PALM PLANTING
SECTION / PLAN — NTS



1. BASE OF TREE SHALL BE PLANTED SLIGHTLY ABOVE (1" MIN.) ADJACENT FINISH GRADE. REMOVE ALL TWINE & STRAPS & CUT BURLAP FROM TOP 1/3 OF ROOT BALL. NO SYNTHETIC BURLAP WILL BE ACCEPTED.
2. 4" SHREDDED HARDWOOD MULCH OR APPROVED EQUAL.
3. DIAMETER OF TREE PIT TO BE TWICE THE DIAMETER OF ROOT BALL-ROUGHEN SIDES OF TREE PIT.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. TOPSOIL MIX BACKFILL.
6. TREE WRAP.
7. 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE (SEE GRADING PLAN).
8. ROOT BALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOT BALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.
9. UNDISTURBED SUBSOIL.
10. PREPARE PLANTING SOIL AS SPECIFIED.
11. **Tree Frog® RBK40pt** FOR UP TO 4" TREE CALIPER OR **Tree Frog® RBK60pt** FOR GREATER THAN 4" AND UP TO 6" TREE CALIPER. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.

NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. SET TREE AT ORIGINAL DEPTH. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.

D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT

E. ASSURE PERCOLATION OF ALL PLANTING PITS

12 L1.50 MULTI-TRUNK TREE PLANTING
SECTION/PLAN — NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANCIS LA6667292 STATE OF FLORIDA

Matthew Taylor Francis
2025.07.25 08:18:52 -04'00'

DATE: 07/18/25

KHA PROJECT	149170026
DATE	07/18/25
SCALE	AS SHOWN
DESIGNED BY	GNS
DRAWN BY	KSMB
CHECKED BY	ATDG

LANDSCAPE DETAILS

WINTER SPRINGS
WAWA

CITY OF WINTER SPRINGS — FL

SHEET NUMBER
L1.50

Plotted By:Kasemi, Mary Sheet Set:WINTER SPRINGS WAWA Layout:LANDSCAPE DETAILS July 28, 2025 05:41:37pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\L1.00 LANDSCAPE PLAN.dwg

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS SPECIFIED HEREIN.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.

3. THE CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FDOT DESIGN STANDARDS, INDEX 600. IF A DIRECT APPLICATION OF INDEX 600 IS PROPOSED, THE CONTRACTOR SHALL SUBMIT IN WRITING A STATEMENT INDICATING THE STANDARD INDEX AND PAGE NUMBER NO LESS THAN 10 BUSINESS DAYS PRIOR TO START OF CONSTRUCTION. WHEN A DIRECT APPLICATION OF FDOT STANDARD INDEX 600 IS NOT ACCEPTABLE A PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A FLORIDA PROFESSIONAL ENGINEER WHO HAS SUCCESSFULLY COMPLETED ADVANCED TRAINING IN MAINTENANCE OF TRAFFIC, AS DEFINED BY FDOT FOR APPROVAL BY THE COUNTY ENGINEER'S REPRESENTATIVE.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON INFORMATION FURNISHED BY THE OWNER OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPURTENANCES OBSERVED IN THE FIELD. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR; REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

C. PROTECTION OF EXISTING PLANT MATERIALS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC... THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF THREE HUNDRED DOLLARS ($300) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.

D. MATERIALS

1. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL	SAMPLE SIZE
MULCH	ONE (1) CUBIC FOOT
TOPSOIL MIX	ONE (1) CUBIC FOOT
PLANTS	ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)

2. PLANT MATERIALS

a. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE.

b. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

c. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:

2. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

a. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND HAVE A PH BETWEEN 5.5 AND 7.0.

b. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.

c. SOIL AMENDMENT (IF NEEDED PER SOIL TESTING) THE CONTRACTOR SHALL FURNISH AND INSTALL A 3” LAYER OF AMENDED PLANTING SOIL IN ALL PLANTING BEDS, EXCLUDING SOD AREAS. THE AMENDED PLANTING SOIL SHALL BE COMPOSED OF 35% FERTICOMP 20% FLORIDA PEAT 45% SANDY LOAM. THE AMENDED PLANTING SOIL SHALL BE MIXED INTO THE BEDS UPON PLANTING.

2. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING (SUBMIT SOIL TESTING RESULTS AFTER INCORPORATING AMENDMENTS TO DEMNSTRATE COMPLIANCE WITH SOIL QUALITY REQUIREMENTS .

F. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.... IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

* WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

* FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE). MULCH SHALL BE "FLORIMULCH," EUCALYPTUS MULCH, OR SIMILAR SUSTAINABLY HARVESTED MULCH UNLESS SPECIFIED OTHERWISE.

2. PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT (6' MINIMUM) PLANTED UNDER THIS CONTRACT.

I. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2. BALLED AND BURLAPPED (B&B), AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS: ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.

5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.

4. RPG= "ROOTS PLUS GROWER" CONTAINER PRODUCTS SHALL BE USED WHERE SPECIFIED.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

N. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ONSITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK FILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET, ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE. ALL BURLAP, ROPE, WIRES, BASKETS, ETC.., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

13. TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST, IN ACCORDANCE WITH ANSI A-300.

14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOW ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

16. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.

2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

4. SODDING

a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.

b. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.

c. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.

5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE

a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).

b. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

S. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

T. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROJECT SITE INCLUDING BUT NOT LIMITED TO WATERING OF LANDSCAPE MOWING, BLOWING, EDGING, TRIMMING, PRUNING, WEEDING, SPRAYING OF PESTICIDES, FUNGICIDES AND HERBICIDES, FROM CONSTRUCTION START THROUGH OWNER FINAL PROJECT ACCEPTANCE.

4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

5. PALM INOCULATION: ALL PHOENIX GENUS AND BISMARKIA GENUS PALMS SHALL BE INOCULATED AGAINST LETHAL BRONZING PRIOR TO LEAVING THE TREE FARM/NURSERY. CONTRACTOR SHALL PROVIDE PROOF OF INOCULATION AND CERTIFICATION THAT THE PALMS ARE HEALTHY AND FREE OF ALL DISEASE. THE CONTRACTOR IS RESPONSIBLE FOR INOCULATION OF THE PALMS, ONCE PLANTED, TO THE END OF THE WARRANTY PERIOD.

1 / L1.51 TYPICAL LANDSCAPE SPECIFICATIONS (FLORIDA)

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKO LA6667292 STATE OF FLORIDA

Digitally signed by Matthew T Franko
DN: CN=Matthew T Franko, dnQualifier=A01410D00000196A52118000261BF, O=KIMLEY-HORN AND ASSOCIATES INC., C=US
Date: 2025.07.28 18:42:24-04'00'

THIS DRAWING HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY MATTHEW TAYLOR FRANKO, PLA USING A DIGITAL SIGNATURE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DATE: 07/28/25

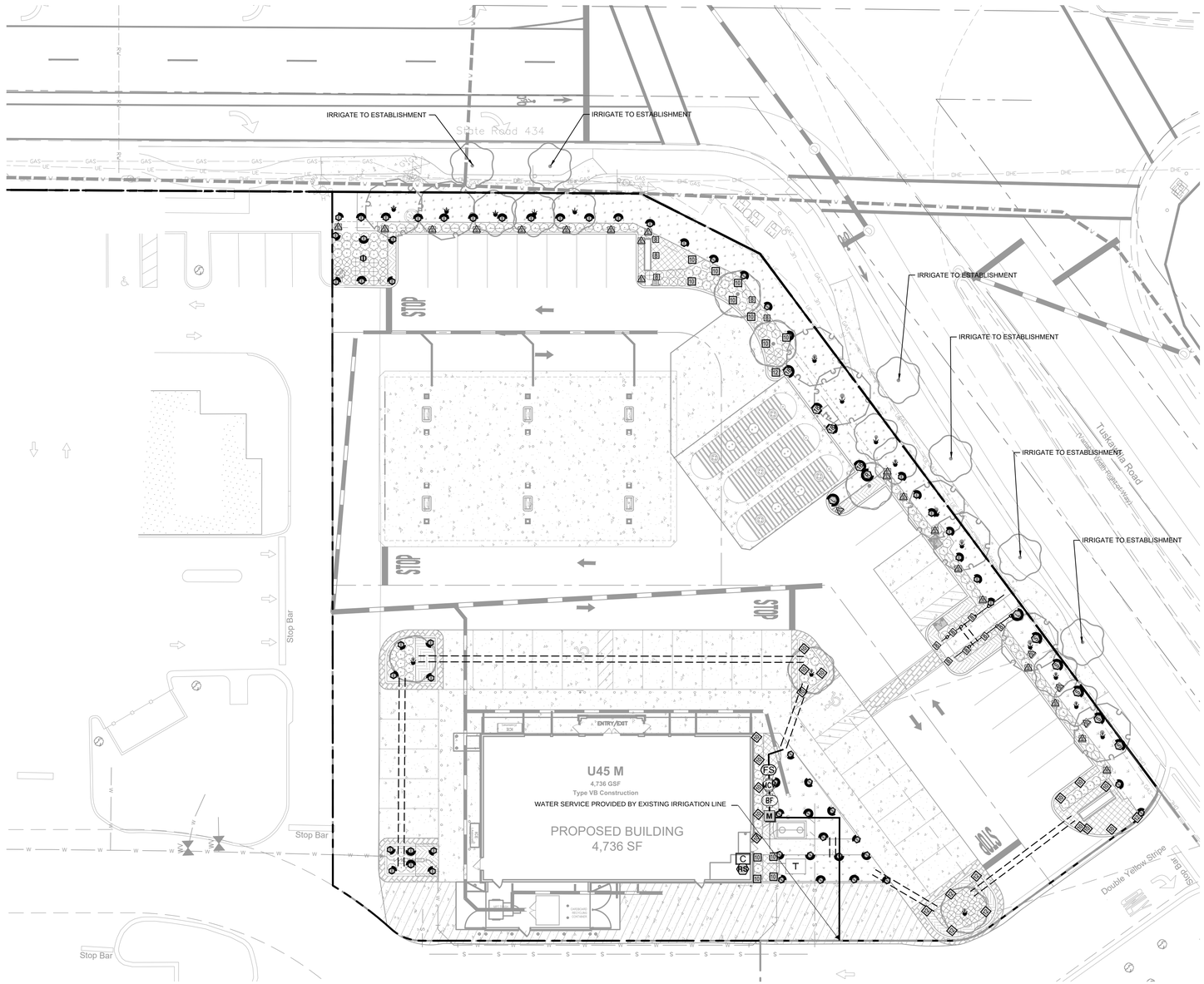
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DATE 07/18/25
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CHECKED BY [illegible]

LANDSCAPE SPECIFICATIONS

WINTER SPRINGS WAWA
CITY OF WINTER SPRINGS FL

SHEET NUMBER
L1.51

Plotted By:Kazemi, Mary Sheet Set:WINTER SPRINGS WAWA Layout:LANDSCAPE SPECIFICATIONS July 28, 2025 05:41:42pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\L1.00 LANDSCAPE PLAN.dwg



NOTE: IF SOURCE TO BE RECLAIMED (NON-POTABLE) ALL EQUIPMENT TO BE INDICATED AS SUCH AND PURPLE IN COLOR. FOLLOW ALL LOCAL JURISDICTION STANDARDS FOR RECLAIMED IRRIGATION SYSTEMS.

IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL NECESSARY MODIFICATIONS REQUIRED TO MEET THE SCHEMATIC INTENT OF THESE PLANS PRIOR TO SUBMITTING PROPOSAL. THESE PLANS OUTLINE THE OVERALL LAYOUT THE SYSTEM AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ZONE THE SYSTEM ACCORDINGLY BASED ON FLOW AND PRESSURE AVAILABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FOLLOWING BUT NOT LIMITED TO AVAILABLE FLOW, AVAILABLE PRESSURE, CONNECTION ASSEMBLY, CAPACITY OF THE SYSTEM.

CONTRACTOR TO PERMANENTLY MARK ALL SLEEVE CROSSINGS AT ASSOCIATED TOPS OF CURB (TYP).

CONTRACTOR TO ADJUST ALL OVERHEAD SPRAY HEADS TO ENSURE MINIMAL OVER-SPRAY OCCURS ON ANY HARDSCAPE SURFACE (TYP).

PROPOSED IRRIGATION CONTROLLER - PROVIDE ELECTRICAL POWER & CONDUIT FROM POWER SOURCE, BETWEEN CONTROLLER & WATER METER AND TO ANY ASSOCIATED APPURTENANCES.

CONTROLLER & RAIN SENSOR TO BE LOCATED OUTSIDE IN GREEN SPACE, SCREENED FROM THE PUBLIC VIEW. AVOID OVERHEAD OBSTRUCTIONS AND OVERSPRAY ASSOCIATED WITH RAIN SENSOR.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
EST LCS RCS CST SST	RAIN BIRD RD-06-P30-F-U** 15 STRIP SERIES 6IN. POP-UP, WITH 30 PSI IN-STEM PRESSURE REGULATION, AND FLOW-SHIELD TECHNOLOGY. 1/2IN. NPT FEMALE THREADED INLET.	24	30
08 HE-VAN 10 HE-VAN / 12 HE-VAN 15 HE-VAN	RAIN BIRD RD-06-P30-F-U** HE-VAN SERIES 6IN. POP-UP, WITH 30 PSI IN-STEM PRESSURE REGULATION, AND FLOW-SHIELD TECHNOLOGY. 1/2IN. NPT FEMALE THREADED INLET.	46	30
LST SST RST	RAIN BIRD R-VAN-STRIP RD-06-S-P45-F TURF ROTARY, 5FT.X15FT. (LCS AND RCS), 5FT.X30FT. (SST) HAND ADJUSTABLE MULTI-STREAM ROTARY W/ RD1800 TURF SPRAY BODY ON 6IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. FLOW SHIELD TECH. 1/2IN. NPT FEMALE THREADED INLET.	8	30
14 ADJ 14 F	RAIN BIRD R-VAN14 RD-06-S-P45-F TURF ROTARY, 8FT.-14FT. 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 TURF SPRAY BODY ON 6IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. FLOW-SHIELD TECHNOLOGY. 1/2IN. NPT FEMALE THREADED INLET.	64	30
18 ADJ 18 F	RAIN BIRD R-VAN18 RD-06-S-P45-F TURF ROTARY, 13FT.-18FT. 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 TURF SPRAY BODY ON 6IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. FLOW-SHIELD TECHNOLOGY. 1/2IN. NPT FEMALE THREADED INLET.	6	30
1401 1402 1404	RAIN BIRD 1806-SAM-1400 FLOOD FLOOD BUBBLER 6IN. POPUP WITH CHECK VALVE, INSTALL W/ PA-80 ADAPTER.	20	20

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFDEP-09-12 XFDE ON-SURFACE PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.9 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV & KINK RESISTANT. USE XF INSERT FITTINGS.	345.2 LF

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
MCV	RAIN BIRD PEB-PRS-D 1" 1IN., 1-1/2IN., 2IN., 3IN. PLASTIC INDUSTRIAL MASTER VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE.	1
BF	FEBCO 825Y 1" REDUCED PRESSURE BACKFLOW PREVENTER	1
C	RAIN BIRD ESPLXME2 12 STATION TRADITIONALLY-WIRED, COMMERCIAL CONTROLLER. INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE.	1
RS	RAIN BIRD RSD-CEX RAIN SENSING DEVICE, CONDUIT MOUNT. WITH THREADED ADAPTER, EXTENSION WIRE.	1
FS	RAIN BIRD FS-100-P 1IN. FLOW SENSOR, PLASTIC PVC MODEL. SUGGESTED OPERATING RANGE 5.4 GPM TO 54 GPM. SIZE FOR FLOW NOT ACCORDING TO PIPE SIZE. RAIN BIRD COMPATIBLE CONTROLLERS: ESP-LXI/VM(P)	LXD	LXME2(P)	ME3, OR CONTROLLERS ACCEPTING CUSTOM K-FACTOR AND OFFSET. INSTALL IN RAIN BIRD VALVE BOX	1
M	WATER METER 1"	1
	IRRIGATION MAINLINE: PVC SCHEDULE 40	132.5 LF
	PIPE SLEEVE: PVC SCHEDULE 40 - LATERALS	294.8 LF
	PIPE SLEEVE: PVC SCHEDULE 40 - MAINLINE	57.0 LF

FLOW TOTALS
Bubbler: 18
Shrub Spray: 49.2
Turf Rotary: 32.1
Total: 99.3 GPM

IRRIGATION NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, ETC. PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
3. THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
5. THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
6. CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE WILL NOT ALLOW SYSTEM MODIFICATION TO BE POSSIBLE.
7. IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
8. WHERE APPLICABLE IRRIGATION HEADS ARE TO BE ADJUSTED FOR COMPLETE COVERAGE WITH MINIMUM OVER SPRAY BEYOND LANDSCAPE AREAS.
9. EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
10. ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES.
11. IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNER'S REPRESENTATIVE.
12. ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
13. CONTRACTOR TO PROVIDE PERMANENT BENCH-MARKS ON ALL CURB LINES AT RELATED SLEEVE LOCATIONS (TYP).
14. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED TO MINIMIZE ROOT DISTURBANCE IN EXISTING TREES.
15. IRRIGATION SPRAYS AND ROTORS ARE NOT COMBINED ON THE SAME CONTROL VALVE CIRCUIT - LANDSCAPE BEDS AND TURF ON SEPARATE CIRCUITS.
16. MATCH PRECIPITATION RATES WITH ANY HEADS THAT ARE REPLACED.

Always call 811 two full business days before you dig to have underground utilities located and marked.

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GRAPHIC SCALE IN FEET
0 10 20 40

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB

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6876 NARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
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REGISTERED LANDSCAPE ARCHITECT MATTHEW T. TAYLOR FRANCO LA6667292 STATE OF FLORIDA

Digitally signed by Matthew T Taylor Franco
DN: CN=Matthew T Taylor Franco, C=US, O=Kimley-Horn and Associates, Inc., OU=A01410D0000001A5E2213000026, E=matthew.taylor-franco@kimley-horn.com, L=ORLANDO, S=FLORIDA
Date: 2025.07.25 08:40:39-04'00'

DATE: 07/18/25

KHA PROJECT	149170026
DATE	07/18/25
SCALE	AS SHOWN
DESIGNED BY	GNG
DRAWN BY	NBMB
CHECKED BY	ATDG

IRRIGATION PLAN

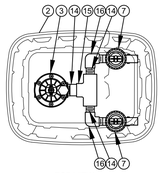
WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

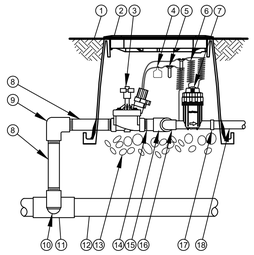
SHEET NUMBER
L2.00

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Plotted By: Kozemi, Mary Sheet Set: WINTER SPRINGS WAWA Layout: L2.00 July 28, 2025 06:41:39pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- W\wawiL2.00 IRRIGATION PLAN.dwg



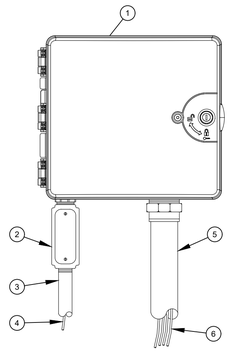
TOP VIEW



SIDE VIEW

1. FINISH GRADE/TOP OF MULCH
2. VALVE BOX WITH COVER:
3. REMOTE CONTROL VALVE:
4. ID TAG
5. WATERPROOF CONNECTION:
6. 30-INCH LINEAR LENGTH OF WIRE, COILED
7. PRESSURE REGULATING QUICK CHECK BASKET FILTER:
8. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
9. PVC SCH 40 ELL
10. PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
11. PVC SCH 40 TEE OR ELL
12. MAINLINE PIPE
13. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
14. PVC SCH 80 NIPPLE, CLOSE
15. PVC SCH 40 TEE
16. PVC SCH 40 ELL
17. PVC SCH 40 FEMALE ADAPTOR
18. LATERAL PIPE

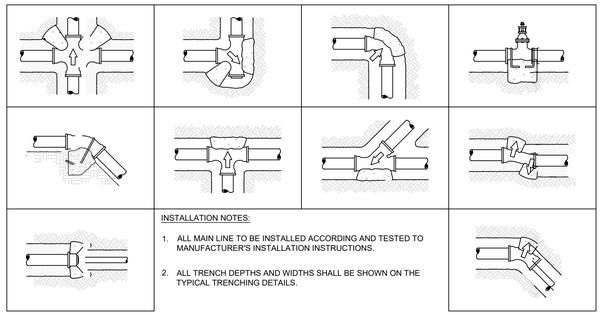
1 COMMERCIAL CONTROL DRIP ZONE VALVE KIT
L2.50 SECTION / PLAN — NTS



1. IRRIGATION CONTROLLER: CONTROLLER (OWNER TO SPECIFY WALL MOUNT OR STAINLESS STEEL PEDESTAL MOUNT). INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. JUNCTION BOX
3. 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
4. POWER SUPPLY WIRE
5. 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
6. WIRES TO REMOTE CONTROL VALVES

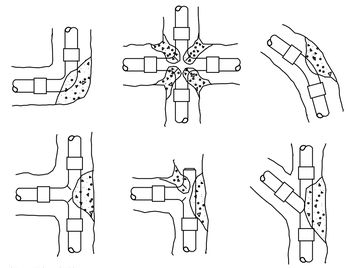
NOTES:
1. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

2 TYPICAL CONTROLLER
L2.50 ELEVATION — NTS



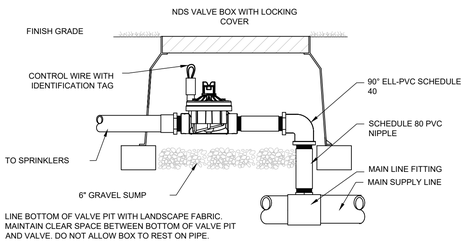
INSTALLATION NOTES:
1. ALL MAIN LINE TO BE INSTALLED ACCORDING AND TESTED TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ALL TRENCH DEPTHS AND WIDTHS SHALL BE SHOWN ON THE TYPICAL TRENCHING DETAILS.

3 TYPICAL THRUST BLOCK
L2.50 SECTION — NTS



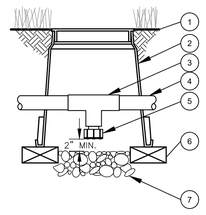
INSTALLATION NOTES
1. 3000 PSI CONCRETE OR BETTER IS TO BE USED FOR THRUST BLOCKS.
2. FOR 45°/90° FITTINGS, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
3. FOR 22-1/2° FITTINGS, MINIMUM OF 0.5 CUBIC FEET OF CONCRETE TO BE USED.
4. FOR TEES, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED. THRUST BLOCKS REQUIRED FOR IRRIGATION MAINLINE 2 1/2" AND LARGER.

4 THRUST BLOCK REINFORCEMENT
L2.50 SECTION — NTS



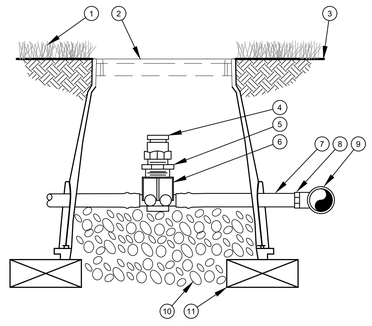
LINE BOTTOM OF VALVE PIT WITH LANDSCAPE FABRIC. MAINTAIN CLEAR SPACE BETWEEN BOTTOM OF VALVE PIT AND VALVE. DO NOT ALLOW BOX TO REST ON PIPE.

5 TYPICAL CONTROL VALVE
L2.50 SECTION — NTS



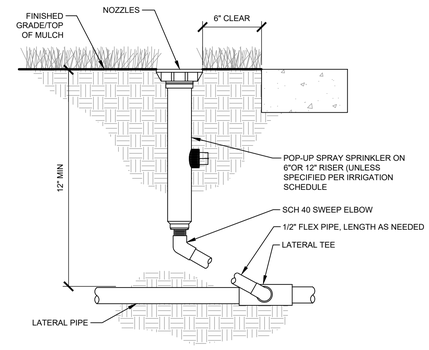
1. FINISH GRADE/TOP OF MULCH
2. VALVE BOX WITH COVER:
3. PVC SCH 40 TEE
4. PVC LATERAL PIPE
5. FILTERED DRAIN VALVE:
6. BRICK (1 OF 2)
7. 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

6 DRAIN VALVE
L2.50 SECTION — NTS

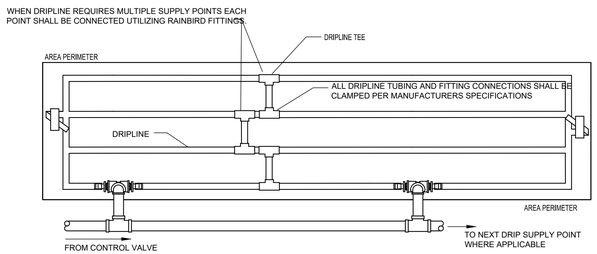


1. TURF GRASS
2. VALVE BOX LID
3. FINISH GRADE
4. ½" AIR RELIEF VALVE: TO BE INSTALLED AT HIGH POINTS IN DRIP ZONE
5. ½" X ¾" PVC REDUCER BUSHING
6. BARB X FEMALE THREAD CONNECTOR:
7. ½" BLANK DRIPLINE TUBING:
8. BARB X MALE THREAD CONNECTOR:
9. PVC TEE CONNECTED TO PVC HEADER PIPE
10. 3" MINIMUM DEPTH OF ¾" WASHED GRAVEL
11. BRICK (1 OF 2)

7 AIR RELIEF VALVE IN XFS DRIP LINE
L2.50 SECTION — NTS



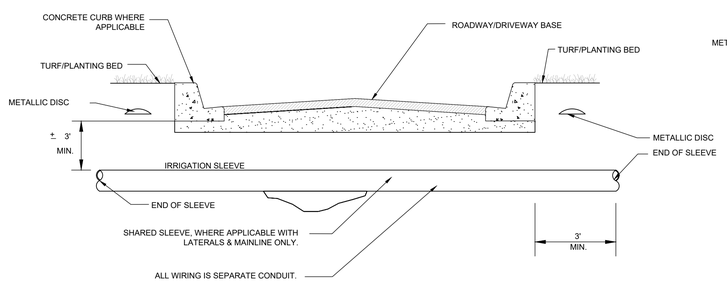
8 TYPICAL IRRIGATION HEAD
L2.50 SECTION — NTS



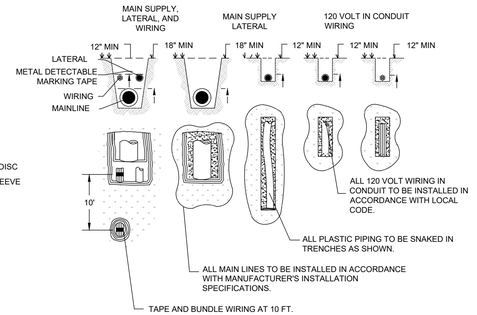
CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS. IF NOT SHOWN, INSTALL WITHIN ADJACENT GREEN AREA NOT IN A HIGHLY VISIBLE AREA.

NOTE:
1. DRIP TUBING TO BE ROUTED IN THE PLANT MATERIAL BED WITH AT MAXIMUM LATERAL SPACING OF 16 INCHES.
2. DRIP TUBING TO BE INSTALLED IN A GRID PATTERN. DRIP TUBING SHALL NOT BE INSTALLED IN A LONG CONTINUOUS RUN.
3. CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS (IF SHOWN).

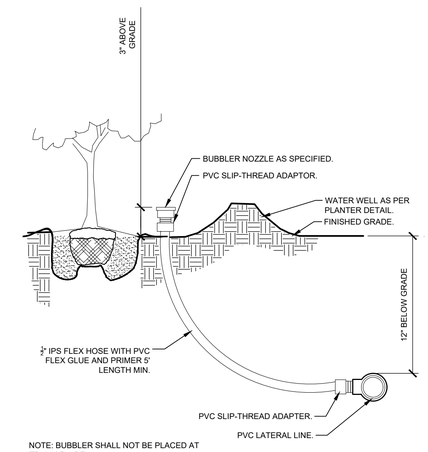
9 TYPICAL DRIP LINE
L2.50 PLAN — NTS



10 TYPICAL SLEEVING
L2.50 SECTION — NTS



11 TYPICAL TRENCHING
L2.50 SECTION / PLAN — NTS



NOTE: BUBBLER SHALL NOT BE PLACED AT TRUNK FLARE.

12 TYPICAL BUBBLER
L2.50 SECTION — NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANCIS LA6667292 STATE OF FLORIDA
Digitally signed by Matthew Taylor Francis
DN: CN=Matthew Taylor Francis, O=KIMLEY-HORN AND ASSOCIATES, INC., C=US
Date: 2025.07.25 09:54:32 -04'00'
DATE: 07/25/25

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KHA PROJECT	149170026
DATE	07/18/25
SCALE	AS SHOWN
DESIGNED BY	GNB
DRAWN BY	NBMB
CHECKED BY	ATDG

IRRIGATION DETAILS

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER L2.50

Plotted By: Kozemi, Mary Sheet Set:WINTER SPRINGS WAWA Layout:L2.50 July 28, 2025 08:42:02pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\PlanSheets- Wawa\L2.00 IRRIGATION PLAN.dwg

IRRIGATION SYSTEM NOTES:

1. THE IRRIGATION MAINLINE LAYOUT IS DIAGRAMMATIC. ANY CHANGES MADE IN THE IRRIGATION MAINLINE DUE TO FIELD CONDITIONS OR CONTRACTOR'S SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH THESE STANDARDS.
2. SET SPRAY HEADS 6" AND ROTORS 12" IN FROM BACK OF CURB OR 24" IF PAVEMENT HAS NO CURB.
3. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL NECESSARY MODIFICATIONS REQUIRED TO MEET THE SCHEMATIC INTENT OF THESE PLANS PRIOR TO SUBMITTING PROPOSAL. THESE PLANS OUTLINE THE OVERALL LAYOUT THE SYSTEM AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ZONE THE SYSTEM ACCORDINGLY BASED ON FLOW AND PRESSURE AVAILABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FOLLOWING BUT NOT LIMITED TO AVAILABLE FLOW, AVAILABLE PRESSURE, CONNECTION ASSEMBLY, CAPACITY OF THE SYSTEM.
4. CONTRACTOR TO PROVIDE NEW AUTOMATIC CONTROLLER FOR PROPOSED SYSTEM (NO BATTERY OPERATED CONTROLLERS ALLOWED). COORDINATE LOCATION WITH OWNER.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AUTOMATIC RAIN SENSOR. COORDINATE LOCATION W/ OWNER.
6. IRRIGATION SHALL NOT BE COMBINED ON A SINGLE ZONE AND SHALL BE ZONED ACCORDING TO IRRIGATION TYPE, PRECIPITATION RATE, AND THE SYSTEM'S AVAILABLE WATER / PRESSURE. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO OWNER FOR REVIEW PRIOR TO INSTALLATION.
7. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL FIELD VERIFY.
8. CONTRACTOR TO FIELD VERIFY ALL POINT OF CONNECTION SOURCE INFORMATION INCLUDING PSI AND GPM PRIOR TO CONSTRUCTION.
9. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON-SITE.
10. CONTRACTOR SHALL COORDINATE WITH THE PLANTING PLAN FOR PLANTER BED AND TREE LOCATIONS TO ENSURE ALL PLANT MATERIAL IS COVERED BY 100% HEAD-TO-HEAD IRRIGATION.
11. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT.
12. PRODUCTS SHALL BE AS SPECIFIED OR APPROVED EQUAL.

PRE-APPROVED MANUFACTURERS:
1. TORO
2. HUNTER
3. RAINBIRD

13. IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTION.
14. LOCATE ALL IRRIGATION LINES WITHIN LANDSCAPED AREAS WHENEVER POSSIBLE. ALL LINES UNDER PAVEMENT MUST BE SLEEVED WITHIN SCH. 40 PVC 2x SIZE OF PIPE AND FREE OF STONES/DEBRIS. ALL VALVES SHALL BE LOCATED WITHIN LANDSCAPED AREAS.
15. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE.
16. THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR SLEEVING AND DIRECTIONAL BORES.
17. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS. ALL SLEEVES ON PLAN FOR WALL PENETRATIONS AND UNDER SIDEWALKS SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES.
18. ALL PRESSURIZED MAINLINES AND LATERALS UNDER PAVEMENT SHALL BE WITHIN SCH. 40 PVC SLEEVES. WHERE ELECTRIC OR HYDRAULIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT.
19. NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO AUTOMATIC AND GATE VALVE DESIGNATIONS. ALL HOSE BIBB VALVE BOXES SHALL BE LABELED IN A SIMILAR MANNER WITH THE DESIGNATION "HB". LETTER OUTSIDE OF TIME CLOCK CABINETS TO CORRESPOND WITH IRRIGATION CLOCK PROGRAM DESIGNATION.
20. THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW," THE TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE IRRIGATION MAINLINE.
21. ELECTRIC SERVICE TO THE CONTROLLER SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.
22. ALL 24 VAC WIRING FROM DECODER TO VALVE SHALL BE OF DIRECT BURIAL COPPER WIRE. MAXIMUM LENGTH OF WIRE FROM DECODER TO VALVE SHALL NOT EXCEED 400 FEET. AS FOLLOWS:
    CONTROL WIRES - #14
    COMMON WIRES - #14
23. ALL VALVES, SPLICES WITHIN CONTROL LINES, AND QUICK COUPLERS SHALL BE LOCATED WITHIN NDS VALVE BOXES AS FOLLOWS:
    -RECTANGULAR 12"X17" HEAVY DUTY BOX. (PURPLE COVER FOR REUSE TO BE PROVIDED WHERE APPROPRIATE).
24. ALL IRRIGATION HEADS/DRIP TUBING SHALL BE LOCATED ONE (1) FOOT FROM BACK OF CURB WHEN NEXT TO A ROADWAY. (THIS SHALL NOT INCLUDE PARKING AREAS OR DRIVE AISLES).
25. HEADS, LATERALS, EMITTERS, AND VALVES ARE NOT SHOWN, BUT ARE NECESSARY FOR A FULLY FUNCTIONING IRRIGATION SYSTEM.
26. LOCATE ALL VALVES IN PLANTING BEDS WITH A MINIMUM OF 3'-0" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. PIPE SIZES ON EITHER SIDE OF SECTION VALVES CONNECTING MAINLINE TO SECTION LATERAL SHALL BE ONE (1) PIPE SIZE LARGER THAN VALVE SIZE. WHERE MAINLINES RUN PARALLEL TO PAVEMENT OR CURBING, THE MAINLINE SHALL BE OFFSET 2'-0" FROM THE EDGE OF PAVEMENT OR CURB.
27. IRRIGATION ZONES SHALL BE SEPARATED FOR HIGH AND LOW WATER USE REQUIREMENTS AND OPERATED ON DIFFERENT WATERING CYCLES. BUBBLERS, DRIPLINE, AND SPRAY HEADS SHALL BE SEPARATED ON DIFFERENT VALVES. AT NO TIME SHALL MULTIPLE IRRIGATION HEAD TYPES BE LOCATED ON THE SAME VALVE.
28. ALL DRIP ZONES SHALL BE INSTALLED WITH A FLUSH VALVE AND AIR RELIEF VALVE. IN THE EVENT THAT A DRIP ZONE HAS MORE THAN ONE HIGH OR LOW POINT, MORE THAN ONE AIR RELIEF VALVE OR FLUSH VALVE WILL BE REQUIRED FOR THAT ZONE. DRIPLINE SHALL PROVIDE 0.9 GPH EMITTERS, 12" O.C. WITH 12" LINE SPACING AT A MINIMUM.
29. ALL WIRING FOR CONNECTION OF THE VALVES TO THE CONTROLLER SHALL FOLLOW MANUFACTURERS SPECIFICATIONS. IF REQUIRED, ALL WIRING FOR A TWO WIRE PATH SHALL BE WITH RED/BLUE TWISTED PAIR 14 AWG. ELECTRIC CONTROL LINES FROM THE DECODER TO THE SOLENOID VALVES SHALL BE TWISTED PAIR 18 AWG. ALL DECODERS SHALL BE GROUNDED EVERY 1,000 L.F. OR EVERY 10 DEVICES. ALL WIRE SHALL BE FURNISHED IN MINIMUM 2,500' REELS AND SPLICING SHALL BE MINIMIZED. BURY SPLICE KIT. ALL 24 VOLT WIRING SHALL BE DONE IN ACCORDANCE WITH EXISTING CODES. SPLICING SHALL BE IN VALVE BOXES OR CONTROLLERS ONLY. IRRIGATION SYSTEM CONTROL SHALL BE TWO WIRE PATH. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S REQUIREMENTS FOR THIS INSTALLATION. TWO WIRE SYSTEM SHALL HAVE 2-WAY COMMUNICATIONS FIELD PROGRAMMABILITY, STATION SPECIFICATIONS AND INTEGRATED SURGE PROTECTION.
30. ALL CONTROL WIRE SHALL BE INSTALLED IN A 1 ½" ELECTRICAL CONDUIT.
31. SMALLEST DIAMETER LATERAL PIPE SHALL BE 3/4".
32. IRRIGATION SYSTEM SHALL BE CAPABLE OF SUPPLYING AN AVERAGE OF 1.05" OF WATER PER WEEK WITHIN WATERING RESTRICTIONS AS APPLICABLE.
33. IRRIGATION SYSTEM SHALL NOT BE INSTALLED THROUGH EXISTING, OR PRESERVED PLANT COMMUNITIES. DO NOT TRENCH THROUGH EXISTING ROOT SYSTEMS OF ANY VEGETATION INTENDED TO BE PRESERVED.
34. CONTRACTOR TO MINIMIZE IRRIGATION OVERTHROW TO IMPERVIOUS AND NATURAL AREAS THROUGH FIELD ADJUSTMENTS TO INDIVIDUAL HEADS.
35. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THE CONDITION DENOTED ON THE LANDSCAPE PLAN.
36. IRRIGATION PIPING INSTALLED UNDER ROADS AND SIDEWALKS SHALL BE IN SCHEDULE 40 PVC SLEEVING AT 2X THE PIPE SIZE. ALL SLEEVING SHALL BE FREE OF STONES AND DEBRIS.
37. IRRIGATION SOURCE TO BE EITHER WELL, POTABLE, OR NON-POTABLE WATER. IRRIGATION CONTRACTOR TO VERIFY SOURCE PRIOR TO DESIGN.
38. POINT OF CONNECTION TO BE DETERMINED BY OWNER. IRRIGATION SYSTEM CONNECTIONS TO THE LOCAL JURISDICTION SERVICE SHALL COMPLY WITH ALL APPLICABLE CODES.
39. IRRIGATION CONNECTION MAY REQUIRE BACKFLOW PREVENTION, VERIFY WITH LOCAL JURISDICTION.
40. IRRIGATION SYSTEM SHALL COMPLY WITH THE LOCAL JURISDICTION LAND DEVELOPMENT CODE.

1 / L2.51 TYPICAL SCHEMATIC IRRIGATION NOTES

No.	REVISIONS	DATE	BY
1	REVISED PER CITY AND FDOT COMMENTS	07/18/25	MMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANCIS LA6667292 STATE OF FLORIDA

Digitally signed by Matthew Taylor Francis
DN: CN=Matthew Taylor Francis, E=matthew.francis@kimley-horn.com, O=Kimley-Horn and Associates, Inc., OU=LA6667292, C=US
Date: 2025.07.25 09:42:36 -04'00'

DATE: 07/25/25

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KHA PROJECT	149170026
DATE	07/18/25
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMB
CHECKED BY	ADL

IRRIGATION NOTES

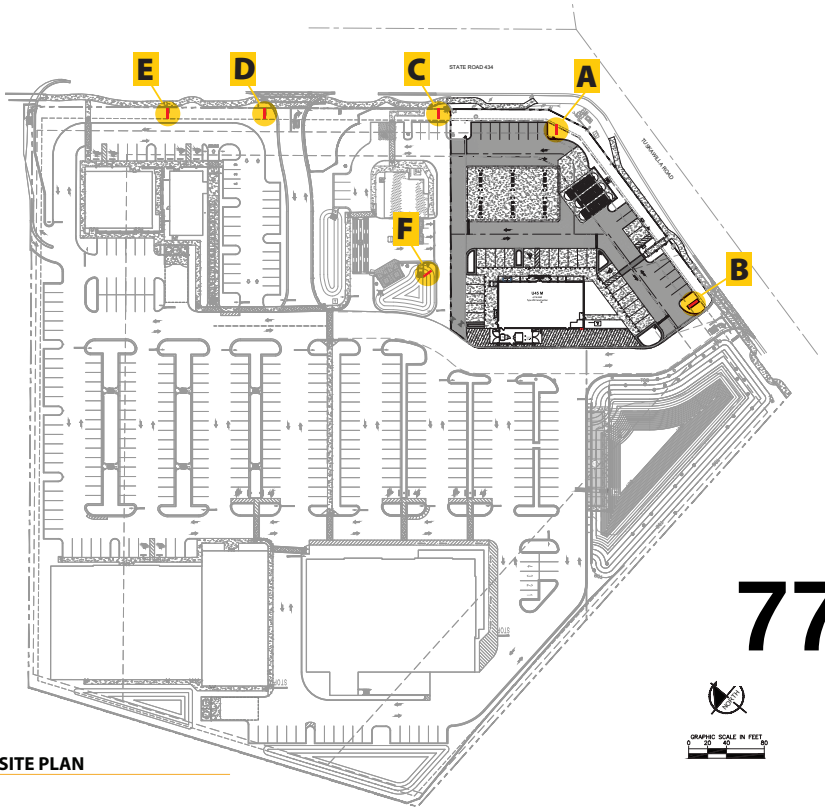
WINTER SPRINGS
WAWA

FL

CITY OF WINTER SPRINGS

SHEET NUMBER
L2.51

Plotted By:Kazami, Mary Sheet Set:WINTER SPRINGS WAWA Layout:IRRIGATION SPECIFICATIONS July 28, 2025 09:42:07pm K:\orl_civil\149170026-winter springs wawa\CADD\CONSTPlanSheets- Wawa\L2.00 IRRIGATION PLAN.dwg



SIGNAGE SITE PLAN

WHITE SIGN COMPANY

SIGN TYPE: MONUMENT SIGNS

JOB NUMBER: 0000

DATE: 06/06/2025

CUSTOMER: WINTER SPRINGS MARKETPLACE

DESIGNER: Fernando Lima

SALES REP: Luke Mullins

ADDRESS: STATE ROAD 434 & TUSCAWILLA RD. WINTER SPRINGS, FL

GLE SIDED ☐
JBLE SIDED ☑

UMINATED ☑
N ILLUMINATED ☐

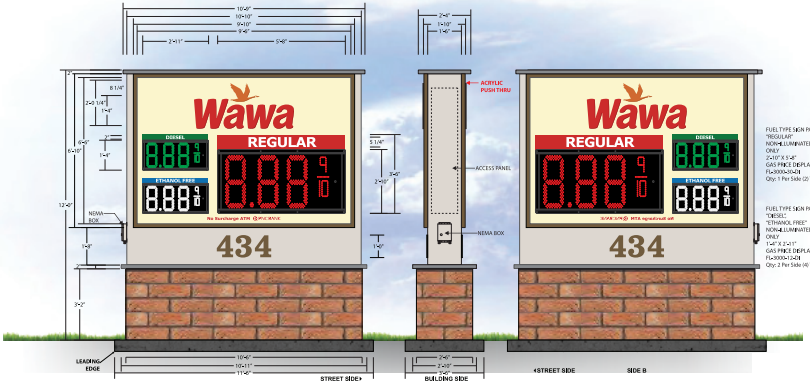
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ES 12000976

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386-320-0623

WHITE SIGN COMPANY



A 3 PRODUCT
CUSTOM D/F ILLUMINATED MONUMENT SIGN (61.75 SQ. FT.) SR 434

Scale: 3/8"=1'-0"

SIGN TYPE: MONUMENT SIGN

JOB NUMBER: 0000

DATE: 08/06/2025

CUSTOMER: WINTER SPRINGS MARKETPLACE

DESIGNER: Fernando Lima

SALES REP: Luke Mullins

ADDRESS: STATE ROAD 434 & TUSCAWILLA RD. WINTER SPRINGS, FL

GLE SIDED ☐
JBLE SIDED ☑

MINATED ☑
N ILLUMINATED ☐

FT: 61.75

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WHITE SIGN COMPANY

SIGN TYPE: MONUMENT SIGN

JOB NUMBER: 0000

DATE: 08/06/2025

CUSTOMER: WINTER SPRINGS MARKETPLACE

DESIGNER: Fernando Lima

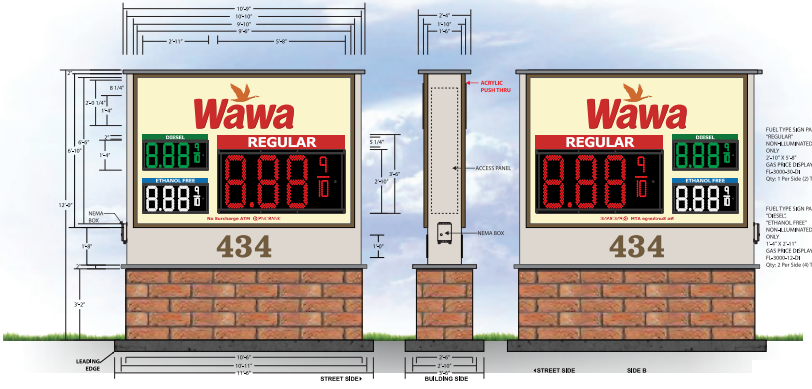
SALES REP: Luke Mullins

ADDRESS: STATE ROAD 434 & TUSCAWILLA RD. WINTER SPRINGS, FL

SINGLE SIDED ☐
DOUBLE SIDED ☑

ILLUMINATED ☑
NON ILLUMINATED ☐

SQ FT: 61.75



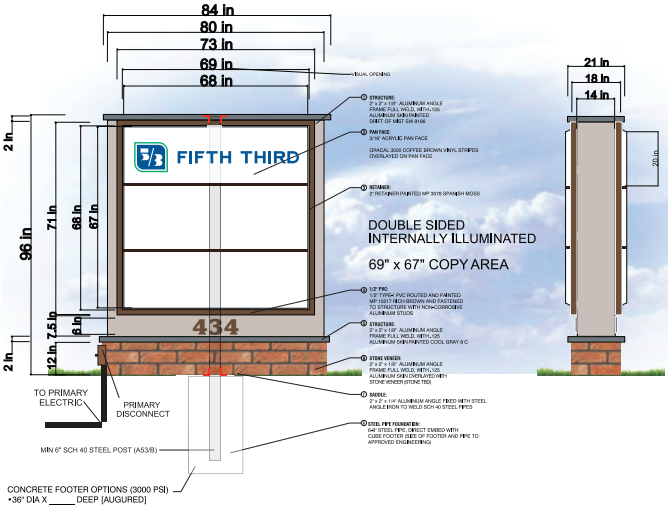
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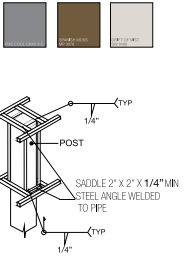
B 3 PRODUCT
CUSTOM D/F ILLUMINATED MONUMENT SIGN (61.75 SQ. FT.) Tuskawilla Rd.

Scale: 3/8"=1'-0"

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ELECTRICAL NOTES
•120V / 20 AMP
•240V / 20 AMP CIRCUIT REQUIRED

GENERAL NOTES
THIS SIGN IS TO BE INSTALLED IN ACCORDANCE WITH
THE REQUIREMENTS OF ARTICLE 600 OF THE CURRENT
NATIONAL ELECTRICAL
1. GROUNDED AND BONDED PER NEC 600.7 / NEC 250
2. EXISTING BRANCH
NEC 600.6 NOT TO EX
3. LISTED TRANSFOR
NEC 600.7(A)(B) SIZE
PER SIGN COMPONE

775

C 3 PRODUCT
CUSTOM D/F ILLUMINATED MONUMENT SIGN (56.0 SQ. FT.) State Road 434

WHITE SIGN COMPANY

SIGN TYPE:
MONUMENT SIGN

JOB NUMBER: 0000

DATE: 06/06/2025

CUSTOMER:
WINTER SPRINGS
MARKETPLACE

DESIGNER: Fernando Lima

SALES REP: Luke Mullins

ADDRESS:
STATE ROAD 434
& TUSCAWILLA RD.
WINTER SPRINGS, FL

GLE SIDED ☐
JBLE SIDED ☑

MINATED ☑
N ILLUMINATED ☐

FT: 56.0

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MONUMENT SIGN S-1 A



18" WIDE EXTRUDED ALUMINUM CABINET
WITH 2" RETAINER SYSTEM
CABINET FINISHED IN SATIN ACRYLIC ENAMEL
ID CABINET FACES TO BE 3/16" THICK TRANSLUCENT
WHITE PAN FORMED ACYRLIC WITH OUTSIDE SURFACE
APPLIED VINYL DECORATION
ID CABINET TO HAVE INTERNAL WHITE "L.E.D."
LLUMINATION

FABRICATED ALUMINUM CAP, POLE COVER AND
EMBELLISHMENTS TO HAVE INTERNAL ALUMINUM
ANGLE FRAME CONSTRUCTION
WITH SATIN ENAMEL AND LT. SPRAY STUCCO FINISHES
COLORS AS INDICATED

SIGN INSTALLED ON SINGLE VERTICAL STEEL SUPPORT
POLE WITH DIRECT BURIAL CONCRETE
FOUNDATION

DISCONNECT JUNCTION BOX ON SIDE
OF POLE COVER

BRICK / STONE VENEER BY OTHERS

INTERNALLY ILLUMINATED DOUBLE SIDED FREESTANDING SIGN SCALE 1/4" = 1'-0"

D 3 PRODUCT
CUSTOM D/F ILLUMINATED MONUMENT SIGN (108.0 SQ. FT.) State Road 434

WHITE SIGN COMPANY

SIGN TYPE:
MONUMENT SIGN

JOB NUMBER: 0000

DATE: 08/06/2025

CUSTOMER:
WINTER SPRINGS
MARKETPLACE

DESIGNER: Fernando Lima

SALES REP: Luke Mullins

ADDRESS:
STATE ROAD 434
& TUSCAWILLA RD.
WINTER SPRINGS, FL

GLE SIDED ☐
JBLE SIDED ☑

UMINATED ☑
N ILLUMINATED ☐

FT: 108.0

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MONUMENT SIGN S-3



18" WIDE EXTRUDED ALUMINUM CABINET
WITH 2" RETAINER SYSTEM
CABINET FINISHED IN SATIN ACRYLIC ENAMEL
ID CABINET FACES TO BE 3/16" THICK TRANSLUCENT
WHITE PAN FORMED ACYRLIC WITH OUTSIDE SURFACE
APPLIED VINYL DECORATION
ID CABINET TO HAVE INTERNAL WHITE "L.E.D."
LLUMINATION

FABRICATED ALUMINUM CAP, POLE COVER AND
EMBELLISHMENTS TO HAVE INTERNAL ALUMINUM
ANGLE FRAME CONSTRUCTION
WITH SATIN ENAMEL AND LT. SPRAY STUCCO FINISHES
COLORS AS INDICATED

SIGN INSTALLED ON SINGLE VERTICAL STEEL SUPPORT
POLE WITH DIRECT BURIAL CONCRETE
FOUNDATION

DISCONNECT JUNCTION BOX ON SIDE
OF POLE COVER

BRICK / STONE VENEER BY OTHERS

INTERNALLY ILLUMINATED DOUBLE SIDED FREESTANDING SIGN SCALE 1/4" = 1'-0"

E 3 PRODUCT
CUSTOM D/F ILLUMINATED MONUMENT SIGN (48.0 SQ. FT.) State Road 434

WHITE SIGN COMPANY

SIGN TYPE:
MONUMENT SIGN

JOB NUMBER: 0000

DATE: 08/06/2025

CUSTOMER:
WINTER SPRINGS
MARKETPLACE

DESIGNER: Fernando Lima

SALES REP: Luke Mullins

ADDRESS:
STATE ROAD 434
& TUSCAWILLA RD.
WINTER SPRINGS, FL

GLE SIDED ☐
JBLE SIDED ☑

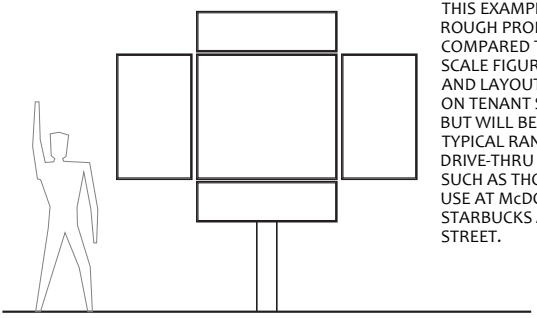
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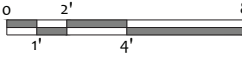
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THIS EXAMPLE SHOWS ROUGH PROPORTIONS COMPARED TO A HUMAN SCALE FIGURE. EXACT SIZE AND LAYOUT WILL DEPEND ON TENANT STANDARDS, BUT WILL BE WITHIN THE TYPICAL RANGE OF A DRIVE-THRU MENU BOARD, SUCH AS THOSE ALREADY IN USE AT McDONALD'S AND STARBUCKS ACROSS THE STREET.



F S-4 DIAGRAMATIC ELEVATION

WHITE SIGN COMPANY

SIGN TYPE: MONUMENT SIGN

JOB NUMBER: 0000

DATE: 06/06/2025

CUSTOMER: WINTER SPRINGS MARKETPLACE

DESIGNER: Fernando Lima

SALES REP: Luke Mullins

ADDRESS: STATE ROAD 434 & TUSCAWILLA RD WINTER SPRINGS, FL

GLE SIDED ☐
JBLE SIDED ☑

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N ILLUMINATED ☐

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MEMORANDUM

TO: David W. Hamstra, P.E. CFM
FROM: Joseph T. Roviaro
DATE: August 15, 2025
RE: Review of the Revised July 2025 WaWa Convenience Store in Winter Springs Traffic Impact Analysis

---

This memorandum has been updated to incorporate the findings from the revised July 2025 traffic study for the WaWa Convenience Store in Winter Springs.

The WaWa Convenience Store in Winter Springs which will be located in the southwest quadrant of the SR 434 and Tuskawilla Road intersection. Specific comments and findings are provided below.

Project Description

The proposed WaWa Convenience Store in Winter Springs project will consist of a 4,736 square foot convenience store with 12 vehicle fueling positions development on the vacant ±1.21-acre parcel within the existing shopping center. Build-out date has been planned for 2026.

According to the provided site plan, access to the study site will be via the existing shopping centers access connections onto SR 434 and Tuskawilla Road. The SR 434 access driveways are a shared directional median opening (Roberts Family Lane) with the Jesup's Reserve apartment complex adjacent to the west property boundary and a right-in/right-out access driveway connection. The Tuskawilla Road access driveway is also a right-in/right-out driveway connection.

Existing Conditions Analysis

The list of study roadways is correct. The adopted City of Winter Springs level of service for the study roadways is D. Based on the results of this study, the roadways currently operate at acceptable levels of service.

The list of existing study intersections was expanded to include the Tuskawilla Road and Michael Blake Boulevard intersection as requested. Based on the results of this study, all

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but one of the study intersections currently operate at acceptable levels of service. The deficient study intersection is SR 434 and Tuskawilla Road.

Trip Generation

The ITE trip generation calculations are correct.

Trip Distribution and Assignment

The use of the CFRPM v7 is appropriate and a manual redistribution of project trips at each of the project driveways is also appropriate. However, in all likelihood exiting Project trips wanting to return west will not be able to easily make a u-turn at the Tuskawilla Road and SR 434 intersection. Rather they will likely use the Tuskawilla Road right-in/right-out access driveway (Intersection #3) and make a U-turn at the Michael Blake Boulevard (Intersection #5) intersection. This observation is based on a review of the existing turning movements at the shopping center access driveways, Intersection #2 (Roberts Family Lane), Intersection #3 (Tuskawilla access), and Intersection #4 (SR 434 access) and the existing eastbound queue lengths from the SR 434 and Tuskawilla Road (Intersection #1) intersection.

The existing right turn exit volume from Intersection #3 (Tuskawilla access) is 42% higher than the combined total of the two (2) Project access driveways on SR 434 during the AM peak period and 13% higher than the combined total of the two (2) Project access driveways on SR 434 during the PM peak period. In addition, the existing AM and PM peak hour queue lengths for the eastbound right-turn lane and through lanes will block both of the two (2) Project access driveways on SR 434 during the AM and PM peak hours making it difficult for exiting Project trips wanting to return west.

The diverted Project trips will reduce slightly the overall delay of the SR 434 and Tuskawilla Road intersection (Intersection # 1) for both the AM and PM peak hours and the LOS remains at E. The Synchro summary analysis sheets are attached.

Future Conditions Analysis – Year 2026

Based on the results of this study, the roadways are projected to operate at acceptable levels of service.

Based on the results of this study, all but one of the study intersections are projected to operate at levels of service similar to existing conditions. The deficient study intersection of SR 434 and Tuskawilla Road is projected to operate at LOS F during the PM peak hour. Traffic signal timing adjustments were implemented to the SR 434 and Tuskawilla Road intersection to mitigate Background/Project traffic impact.

We agree with the findings that none of the existing auxiliary turn lanes need to be extended. However, based on the projected southbound right turn volume for the Tuskawilla access driveway (Intersection #3), an auxiliary southbound right turn lane is recommended. Both the AM and PM peak hour volumes meet the recommendation for an auxiliary right-turn lane. The auxiliary turn lane analysis worksheets are attached. Note, the deceleration and taper length needs to be reviewed and confirmed by the site civil engineer for any actual design of the auxiliary right-turn lane.

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Conclusions

As documented in the report, all the study roadway segments operate with acceptable levels of service.

As documented in the report, all but one of the study intersections currently operate at acceptable levels of service. The deficient study intersection is SR 434 and Tuskawilla Road.

As documented in the report, all the roadways are projected to operate at acceptable levels of service.

As documented in the report, all but one of the study intersections are projected to operate at levels of service similar to existing conditions. The deficient study intersection of SR 434 and Tuskawilla Road is projected to operate at LOS F during the PM peak hour.

As documented in the report, traffic signal timing adjustments were implemented to the SR 434 and Tuskawilla Road intersection to mitigate the Background/Project traffic impact to maintain the existing LOS E condition.

As documented in the report, we agree with the findings that none of the existing auxiliary turn lanes need to be extended. However, based on the projected southbound right turn volume for the Tuskawilla access driveway (Intersection #3), **an auxiliary southbound right turn lane is recommended**. Both the AM and PM peak hour volumes meet the recommendation for an auxiliary right-turn lane. *Note, the deceleration and taper length needs to be reviewed and confirmed by the site civil engineer for any actual design of the auxiliary right-turn lane.*

This concludes our review of the *WaWa Convenience Store in Winter Springs - Traffic Impact Analysis.* If you have any questions, please call.

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Synchro Worksheets

HCM 7th Signalized Intersection Summary BO
1: Tuskawalla Rd & SR 434 AM BO

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	54	946	451	183	1094	23	640	97	204	49	97	43
Future Volume (veh/h)	54	946	451	183	1094	23	640	97	204	49	97	43
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1841	1870	1870	1841	1900	1885	1870	1885	1870	1900	1856
Adj Flow Rate, veh/h	56	985	470	191	1140	24	667	101	213	51	101	45
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	4	2	2	4	0	1	2	1	2	0	3
Cap, veh/h	71	1058	820	379	1664	35	748	115	243	167	117	52
Arrive On Green	0.04	0.30	0.30	0.21	0.47	0.47	0.21	0.21	0.21	0.09	0.09	0.09
Sat Flow, veh/h	1767	3497	1585	1781	3502	74	3483	536	1131	1781	1245	555
Grp Volume(v), veh/h	56	985	470	191	569	595	667	0	314	51	0	146
Grp Sat Flow(s),veh/h/ln	1767	1749	1585	1781	1749	1827	1742	0	1667	1781	0	1800
Q Serve(g_s), s	5.7	49.2	36.6	17.0	45.6	45.6	33.5	0.0	32.8	4.8	0.0	14.4
Cycle Q Clear(g_c), s	5.7	49.2	36.6	17.0	45.6	45.6	33.5	0.0	32.8	4.8	0.0	14.4
Prop In Lane	1.00		1.00	1.00		0.04	1.00		0.68	1.00		0.31
Lane Grp Cap(c), veh/h	71	1058	820	379	831	868	748	0	358	167	0	168
V/C Ratio(X)	0.79	0.93	0.57	0.50	0.69	0.69	0.89	0.00	0.88	0.31	0.00	0.87
Avail Cap(c_a), veh/h	139	1092	835	379	831	868	873	0	418	235	0	237
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	85.6	60.9	29.8	62.5	36.8	36.8	68.7	0.0	68.4	76.1	0.0	80.5
Incr Delay (d2), s/veh	17.4	15.3	2.9	1.1	2.3	2.3	10.4	0.0	16.9	1.0	0.0	20.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.9	23.7	21.6	7.8	19.7	20.6	15.8	0.0	15.5	2.2	0.0	7.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	103.0	76.3	32.7	63.6	39.1	39.0	79.0	0.0	85.3	77.1	0.0	101.1
LnGrp LOS	F	E	C	E	D	D	E		F	E		F
Approach Vol, veh/h		1511			1355			981			197	
Approach Delay, s/veh		63.7			42.5			81.0			94.9	
Approach LOS		E			D			F			F	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	46.1	62.3		24.1	15.0	93.3		47.5				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	23.2	56.2		23.7	14.2	65.2		45.1				
Max Q Clear Time (g_c+I1), s	19.0	51.2		16.4	7.7	47.6		35.5				
Green Ext Time (p_c), s	0.2	3.2		0.4	0.0	6.7		3.1				
Intersection Summary												
HCM 7th Control Delay, s/veh			62.3									
HCM 7th LOS			E									

AM BO AM Peak Hour 8:29 am 08/15/2025 BO Synchro 12 Report
JTR Page 1

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HCM 7th Signalized Intersection Summary BO
1: Tuskawalla Rd & SR 434 PM BO

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	107	1158	597	184	1255	37	779	218	165	107	164	36
Future Volume (veh/h)	107	1158	597	184	1255	37	779	218	165	107	164	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1900	1870	1885	1885	1841	1900	1826	1885	1900	1900	1900	1900
Adj Flow Rate, veh/h	109	1182	609	188	1281	38	795	222	168	109	167	37
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	0	2	1	1	4	0	5	1	0	0	0	0
Cap, veh/h	125	1263	944	196	1373	41	796	235	178	203	169	37
Arrive On Green	0.07	0.36	0.36	0.11	0.40	0.40	0.24	0.24	0.24	0.11	0.11	0.11
Sat Flow, veh/h	1810	3554	1598	1795	3468	103	3374	996	754	1810	1506	334
Grp Volume(v), veh/h	109	1182	609	188	646	673	795	0	390	109	0	204
Grp Sat Flow(s),veh/h/ln	1810	1777	1598	1795	1749	1822	1687	0	1750	1810	0	1840
Q Serve(g_s), s	10.1	54.6	42.8	17.7	60.1	60.2	40.0	0.0	37.3	9.7	0.0	18.8
Cycle Q Clear(g_c), s	10.1	54.6	42.8	17.7	60.1	60.2	40.0	0.0	37.3	9.7	0.0	18.8
Prop In Lane	1.00		1.00	1.00		0.06	1.00		0.43	1.00		0.18
Lane Grp Cap(c), veh/h	125	1263	944	196	692	721	796	0	413	203	0	207
V/C Ratio(X)	0.88	0.94	0.64	0.96	0.93	0.93	1.00	0.00	0.95	0.54	0.00	0.99
Avail Cap(c_a), veh/h	125	1263	944	196	692	721	796	0	413	203	0	207
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	78.4	52.9	23.0	75.3	49.2	49.2	64.9	0.0	63.9	71.3	0.0	75.3
Incr Delay (d2), s/veh	45.2	14.0	3.4	51.8	19.5	19.2	31.6	0.0	30.6	2.8	0.0	58.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.2	26.3	27.3	10.9	29.3	30.5	20.4	0.0	19.8	4.6	0.0	12.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	123.6	67.0	26.3	127.1	68.7	68.4	96.6	0.0	94.5	74.0	0.0	134.0
LnGrp LOS	F	E	C	F	E	E	F		F	E		F
Approach Vol, veh/h		1900			1507			1185			313	
Approach Delay, s/veh		57.2			75.8			95.9			113.1	
Approach LOS		E			E			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	26.4	68.2		26.4	19.5	75.1		49.0				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	18.6	60.4		19.1	11.7	67.3		40.1				
Max Q Clear Time (g_c+I1), s	19.7	56.6		20.8	12.1	62.2		42.0				
Green Ext Time (p_c), s	0.0	2.9		0.0	0.0	3.3		0.0				

Intersection Summary		
HCM 7th Control Delay, s/veh		75.8
HCM 7th LOS		E

PM BO AM Peak Hour 2:09 pm 08/15/2025 BO
JTR

Synchro 12 Report
Page 1

[mailing address] po box 941556 maitland florida 32794-1556 • 2431 aloma avenue #307 winter park florida 32792 [phone] 407 423 8055 [web] Ltec-FL.com

Auxiliary Turn Lane Analysis Worksheets

Build-out – Southbound Right-Turn Lane Analysis Project Entrance (Intersection #3) on Tuskawilla Road

A.M. Peak Hour

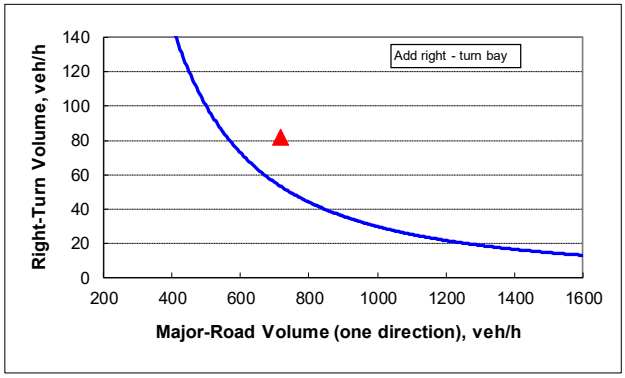
Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

INPUT

Roadway geometry:	4-lane roadway
Variable	Value
Major-road speed, mph:	45
Major-road volume (one direction), veh/h:	715
Right-turn volume, veh/h:	82

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	54
Guidance for determining the need for a major-road right-turn bay for a 4-lane roadway:	
Add right-turn bay.	



Build-out – Southbound Right-Turn Lane Analysis Project Entrance (Intersection #3) on Tuskawilla Road

P.M. Peak Hour

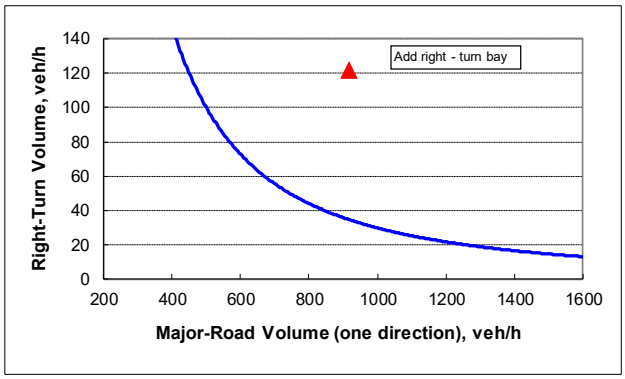
Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

INPUT

Roadway geometry:	4-lane roadway
Variable	Value
Major-road speed, mph:	45
Major-road volume (one direction), veh/h:	915
Right-turn volume, veh/h:	122

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	35
Guidance for determining the need for a major-road right-turn bay for a 4-lane roadway:	
Add right-turn bay.	



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Kimley»Horn

MEMORANDUM

To: Terrilyn Rolle, MPA, AICP
Director of Community Development, Winter Springs

From: Emanuelle D Rodríguez Muñiz, P.E., IMSA[1]
Kimley-Horn and Associates, Inc.

Date: December 6, 2024

Subject: Wawa Winter Springs
Parking Demand Study



This document has been digitally signed and sealed by Emanuelle D Rodriguez Muñiz, P.E. on the date adjacent to the seal

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Emanuelle D Rodriguez

Digitally signed by Emanuelle D Rodriguez
DN: CN=Emanuelle D Rodriguez, dnQualifier=A01410C000001934168451000 2EF49, O=KIMLEY-HORN AND ASSOCIATES INC, C=US
Date: 2024.12.06 10:35:24-05'00'

Introduction

Kimley-Horn and Associates, Inc. has undertaken the following review and analysis to evaluate the anticipated parking needs for the proposed Wawa convenience store/gas station to be located south of SR 434 and west of Tuskawilla Road in the City of Winter Springs, Florida.

The site is zoned as (T-C) Town Center District. As stated in Section 20-324 of the City's Land Development Code (LDC), there are no minimum parking requirements for T-C; instead, a parking analysis shall be performed justifying the proposed parking solution. This study provides a comparison between the City's code-required parking for the most similar land use, Institute of Transportation Engineers (ITE) *Parking Generation Manual 6th Edition*, and Urban Land Institute (ULI) *Shared Parking 3rd Edition*. The study also includes the required bicycle parking for the site based on the Association of Pedestrian and Bicyclist Professionals (APBP).

The proposed Wawa development will consist of the following uses, as shown in the site plan provided in **Attachment A**:

- 4,736 square feet of convenience store
- 12 vehicle fueling positions (VFP)

Code Parking Requirements

Section 9-277 of the City's LDC defines the off-street parking requirements for specific land uses. The LDC does not have a specific land use for convenience store/gas station therefore “General business and retail commercial” was reviewed:

- General business and retail commercial. One (1) parking space for each three hundred (300) square feet of floor space in the building exclusive of storage space.

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As shown in **Table 1,** a total parking supply of 16 spaces (rounded to nearest integer) at a parking ratio of 3.38 spaces per a thousand square feet would potentially be required depending on interpretation of the City's LDC.

Table 1: City Code Parking Requirement

City LDC		Proposed Development		Required Parking
Land Use	Min. Requirement	Size	Units	
General business and retail commercial	1 space per 300 SF	4,736	SF	16

ITE's Parking Generation Manual, 6th Edition Evaluation

A calculation of the anticipated parking demand was undertaken using data published by the Institute of Transportation Engineers (ITE) *Parking Generation Manual 6th Edition*. Empirical data collected on sites throughout the country are compiled to develop parking demand ratios for similar land uses. The 85th percentile peak parking demand was utilized in accordance with industry-accepted standards.

As shown in **Table 2,** a total parking supply of 50 spaces (rounded to nearest integer) at a parking ratio of 10.56 spaces per a thousand square feet would be needed to serve the proposed convenience store/gas station as an isolated and stand-alone establishment.

Table 2: ITE Parking Demand Summary

ITE ParkGen			Proposed Development		Required Parking
Land Use	LUC	85th Percentile	Size	Units	
Convenience Store/Gas Station	945	10.65 per KSF	4.736	KSF	50

ULI Shared Parking, 3rd Edition Evaluation

Parking within mixed-use developments means patrons can "park once" though are able to visit multiple establishments essentially reducing overall parking demand. The Urban Land Institute (ULI) *Shared Parking 3rd Edition* provides a methodology to calculate the parking demand reduction based on the mix of land uses. The proposed Wawa is within a mixed-use development as shown in **Table 3.** Properties were identified through a desktop search as well as using data from the Seminole County Property Appraiser. Building configuration of the development is shown as **Attachment C**.

Table 3: ULI Land Uses by Existing Tenants

Bldg.	Existing Tenant	ULI Land Use	Sq. Ft.
A	Lake Jesup Dental Care	Medical/Dental Office	4,280
B	Chipotle	Fast Casual/Fast Food	2,325
C	Fifth Third Bank	Bank (Drive In Branch)	2,065
D	Crunch Fitness	Health Club	19,200
E	Dollar Tree	Discount Stores/Superstores	10,000
F	Aldi	Supermarket/Grocery	19,209
G	Wawa	Retail (over 2KSF)	4,736
		Total	**61,815**

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The ULI Shared Parking provides monthly adjustment factors and weekend time-of-day adjustment factors, which show the peak season and peak time-of-day, respectively. The parking ratio applied is the highest demand period which potentially generates demand for 311 spaces (rounded to the nearest integer). The results of ULI's Shared Parking analysis are shown in **Attachment D.**

As shown in **Table 4**, the mixed-use development *without* Wawa currently provides 344 parking spaces. ULI estimates even including Wawa's parking demand, 307 spaces would be sufficient. Therefore, a 33-parking space surplus exists prior to adding parking by Wawa.

Table 4: Parking Ratio Determination

ULI Peak Demand Estimate	Existing Spaces	Surplus/Deficit
311	344	+33

Bicycle Parking

According to the Association of Pedestrian and Bicyclist Professionals (APBP), bicycle parking can be measured by commercial activity including retail. Long-term bicycle parking is considered utilized by employees demanding less spaces per square foot. Short-term bicycle parking is considered utilized by patrons who routinely generate demand and require more spaces per square foot. Therefore, the short-term bicycle parking recommendation of 2 spaces is applied to the Wawa as shown in **Table 5**:

Table 5: Bicycle Parking Spaces Summary

Commercial Activity	Long-Term Bicycle Parking Requirement	Short-Term Bicycle Parking Requirement
General Retail	1 space for each 12,000 sf of floor area. Minimum requirement is 2 spaces	1 space for each 5,000 sf of floor area. Minimum requirement is 2 spaces

Conclusion

Upon review of the ITE parking ratio for a stand-alone convenience store/gas station, 10.65 spaces per KSF could be recommended. However, Wawa is within a mixed-use development which ULI measures would have shared parking capacity. The mixed-use development including the Wawa would generate demand for a total of 311 spaces. The mixed-use development currently supplies 344 parking spaces which *does not* reflect potential future parking from Wawa. Therefore, the existing 344 spaces is considered sufficient to address both the mixed-use development and Wawa's peak parking demand. Additional parking by Wawa will only serve to increase the existing 33 space surplus.

Additionally, it is recommended that 2 bicycle parking spaces be provided at the Wawa location based on the Association of Pedestrian and Bicyclist Professionals (APBP) guidelines.

ATTACHMENT A

Site Plan

S.R. 434 & TUSCAWILLA RD.

WINTER SPRINGS, FLORIDA

SP-47

PROPOSED SITE LAYOUT

06/2052024 - CONTACT JONATHAN A. MARTIN, P.E. (407) 427-1686

EQUINOX DEVELOPMENT

GRAPHIC SCALE IN FEET 0 20 40 80

NORTH

Kimley»Horn

K:\ORL_Civil\149170016 - Winter Springs Marketplace\CADD\CONCEPT\SP-47.dwg

ATTACHMENT B

ITE Parking Generation Manual

Land Use: 945 Convenience Store/Gas Station

Description

A convenience store/gas station is a facility with a co-located convenience store and gas station. The convenience store sells grocery and other everyday items that a person may need or want as a matter of convenience. The gas station sells automotive fuels such as gasoline and diesel. The sites in this land use include both self-pump and attendant-pumped fueling positions and both pre-pay and post-pay operations.

A convenience store/gas station is typically located along a major thoroughfare to optimize motorist convenience. Extended hours of operation (with many open 24 hours, 7 days a week) are common at these facilities.

The convenience store product mix typically includes pre-packaged grocery items, beverages, dairy products, snack foods, confectionary, tobacco products, over-the-counter drugs, and toiletries. A convenience store may sell alcohol, often limited to beer and wine. Coffee and premade sandwiches are also commonly sold. Made-to-order food orders are sometimes offered. Some stores offer limited seating.

Convenience Store (Land Use 851) is a related use.

Time-of-Day Distribution for Parking Demand

The following table presents a time-of-day distribution of parking demand on a weekday at five study sites in a general urban/suburban setting.

Hour Beginning	Percent of Weekday Peak Parking Demand
12:00–4:00 a.m.	-
5:00 a.m.	-
6:00 a.m.	-
7:00 a.m.	54
8:00 a.m.	73
9:00 a.m.	65
10:00 a.m.	72
11:00 a.m.	80
12:00 p.m.	100
1:00 p.m.	89
2:00 p.m.	69
3:00 p.m.	63
4:00 p.m.	54
5:00 p.m.	54
6:00 p.m.	49
7:00 p.m.	-
8:00 p.m.	-
9:00 p.m.	-
10:00 p.m.	-
11:00 p.m.	-

Additional Data

The reported parking demand does not include any vehicles parked at fueling pump spaces even though some motorists may leave their vehicle at the fueling pump while inside the convenience store.

The average parking supply ratio for the 15 study sites in a general urban/suburban setting with parking supply information is 12 spaces per 1,000 square feet GFA. The average peak parking occupancy at these sites is 69 percent.

The sites were surveyed in the 1990s, the 2000s, and the 2020s in California, New Jersey, Pennsylvania, Texas, and Virginia.

Source Numbers

417, 433, 443, 444, 626, 637

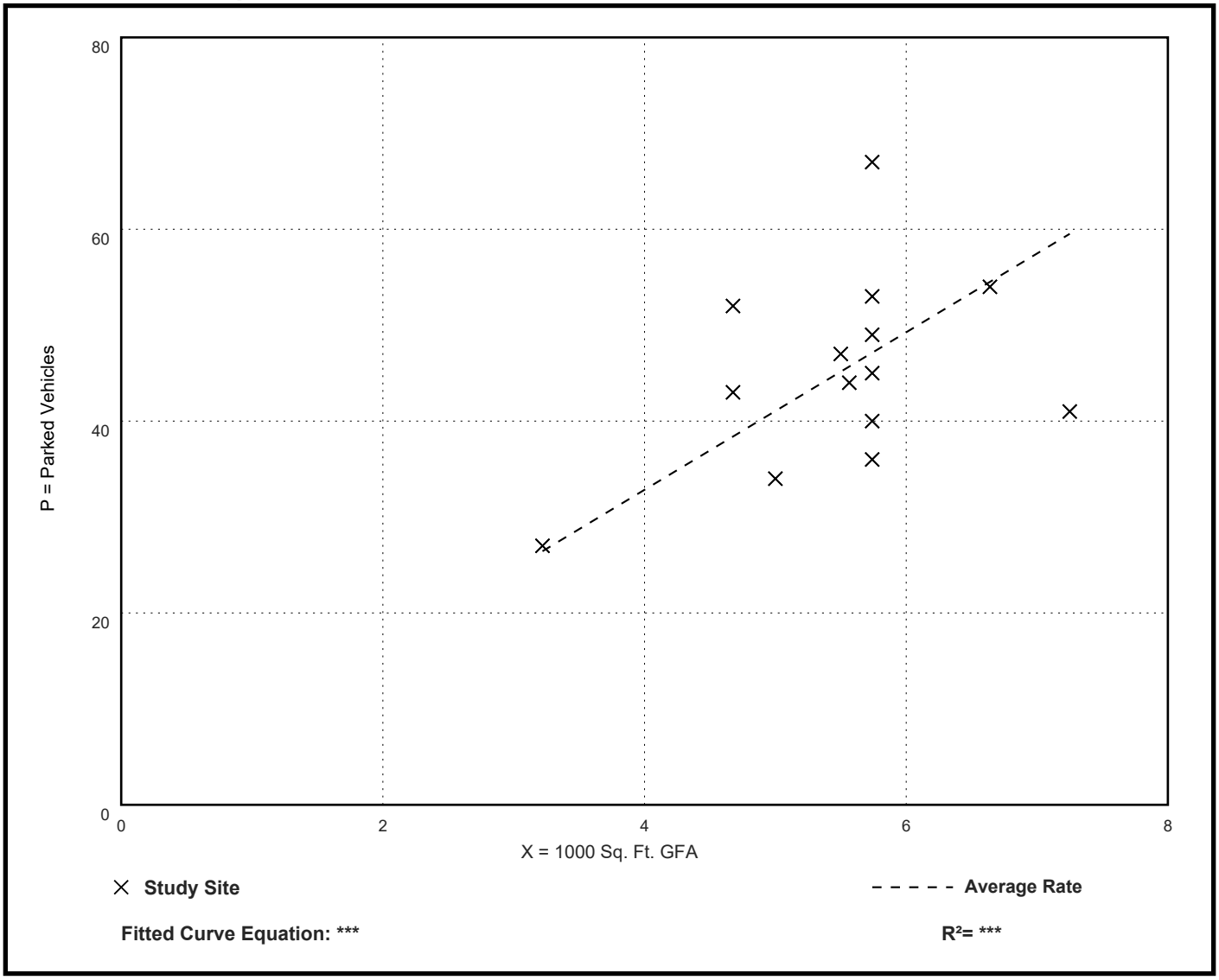
Convenience Store/Gas Station (945)

Peak Period Parking Demand vs: 1000 Sq. Ft. GFA
On a: Weekday (Monday - Friday)
Setting/Location: General Urban/Suburban
Number of Studies: 14
Avg. 1000 Sq. Ft. GFA: 5.5

Peak Period Parking Demand per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	33rd / 85th Percentile	95% Confidence Interval	Standard Deviation (Coeff. of Variation)
8.21	5.66 - 11.67	7.80 / 10.65	***	1.71 (21%)

Data Plot and Equation



Fitted Curve Equation: *

R^2= *

ATTACHMENT C

Mixed-Use Development Layout

S.R. 434 & TUSCAWILLA RD.

WINTER SPRINGS, FLORIDA

SP-47

PROPOSED SITE LAYOUT

06/2052024 - CONTACT JONATHAN A. MARTIN, P.E. (407) 427-1686

EQUINOX DEVELOPMENT

GRAPHIC SCALE IN FEET 0 20 40 80

NORTH

Kimley»Horn

K:\ORL_Civil\149170016 - Winter Springs Marketplace\CADD\CONCEPT\SP-47.dwg

ATTACHMENT D

ULI Shared Parking Results

Copyright © 2020 All rights reserved. The Urban Land Institute, International Council of Shopping Centers, and National Parking Association.

Project: Winter Spring
Description: Wawa

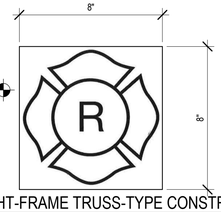
Shared Parking Demand Summary

Peak Month: DECEMBER -- Peak Period: 5 PM, WEEKDAY

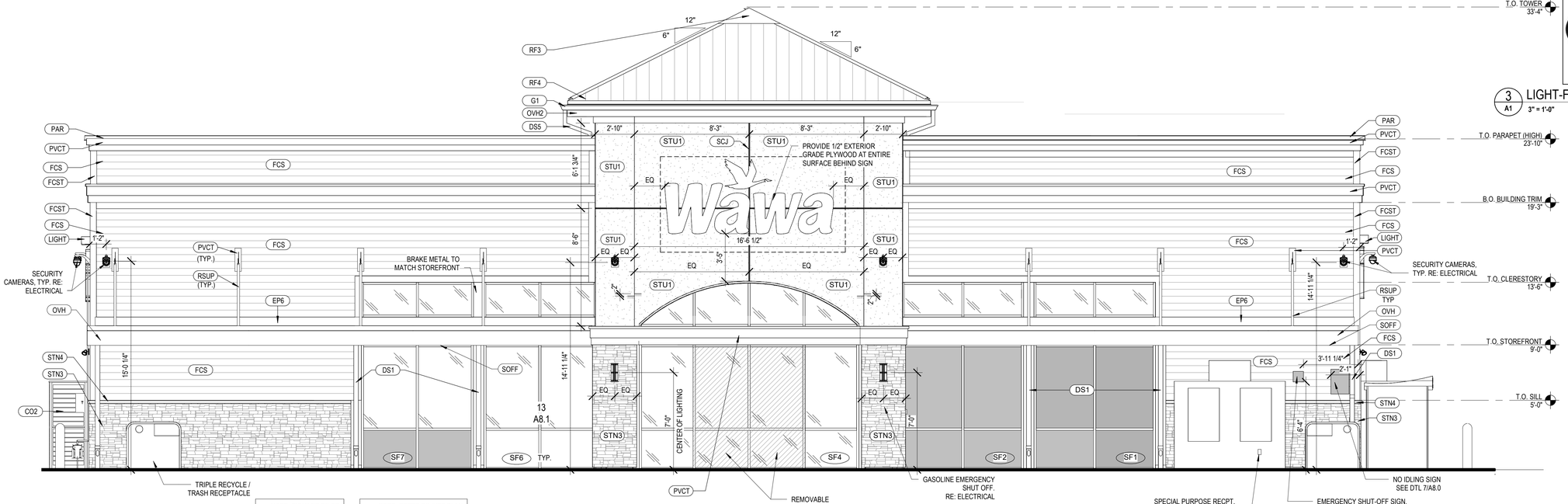
Land Use	Project Data		Weekday					Weekend					Weekday			Weekend		
	Quantity	Unit	Base Ratio	Driving Adj	Non-Captive Ratio	Project Ratio	Unit For Ratio	Base Ratio	Driving Adj	Non-Captive Ratio	Project Ratio	Unit For Ratio	Peak Hr Adj 5 PM	Peak Mo Adj December	Estimated Parking Demand	Peak Hr Adj 5 PM	Peak Mo Adj December	Estimated Parking Demand
Retail																		
Retail (over 2,000 ksf)	4,736	sf GLA	2.90	100%	100%	2.89	ksf GLA	3.20	100%	100%	3.20	ksf GLA	85%	100%	12	80%	100%	13
Employee			0.70	99%	100%	0.69		0.80	99%	100%	0.79		100%	100%	4	55%	100%	2
Supermarket/Grocery	19,209	sf GLA	4.00	100%	100%	3.99	ksf GLA	4.00	100%	100%	3.99	ksf GLA	100%	100%	77	90%	100%	69
Employee			0.75	99%	100%	0.74		0.75	99%	100%	0.74		100%	100%	15	55%	100%	8
Discount Stores/Superstores	10,000	sf GLA	3.40	100%	100%	3.39	ksf GLA	3.80	100%	100%	3.80	ksf GLA	85%	100%	29	95%	100%	36
Employee			0.85	99%	100%	0.84		0.95	99%	100%	0.94		95%	100%	8	100%	100%	10
Food and Beverage																		
Fast Casual/Fast Food	2,325	sf GLA	12.40	100%	50%	6.16	ksf GLA	12.70	100%	57%	7.26	ksf GLA	60%	96%	10	60%	96%	13
Employee			2.00	99%	100%	1.98		2.00	99%	100%	1.98		70%	100%	3	70%	100%	3
Entertainment and Institutions																		
Health Club	19,200	sf GLA	6.60	100%	99%	6.54	ksf GLA	5.50	100%	99%	5.47	ksf GLA	90%	100%	114	100%	100%	106
Employee			0.40	99%	100%	0.40		0.25	99%	100%	0.25		100%	100%	8	100%	100%	5
Hotel and Residential																		
Office																		
Medical/Dental Office	4,280	sf GFA	3.00	100%	100%	2.99	ksf GFA	0.00	100%	100%	0.00	ksf GFA	80%	100%	10	0%	100%	-
Employee			1.60	100%	100%	1.60		0.00	100%	100%	0.00		100%	100%	7	0%	100%	-
Bank (Drive In Branch)	2,065	sf GFA	3.50	100%	95%	3.34	ksf GFA	3.00	100%	100%	3.00	ksf GFA	100%	100%	8	0%	100%	-
Employee			2.50	100%	100%	2.50		1.75	100%	100%	1.75		100%	100%	6	0%	100%	-
Additional Land Uses																		

	Weekday		Weekend	
Customer/Visitor	260		Customer/Visitor	237
Employee/Resident	51		Employee/Resident	28
Reserved	-		Reserved	-
Total	311		Total	265
Shared Parking Reduction	13%			16%

1. SYMBOL SHALL BE PLACED WITHIN 24" TO THE LEFT OF MAIN ENTRY DOOR.
2. PERMANENTY ATTACH TO FACE OF STRUCTURE ON CONTRASTING BACKGROUND.
3. BOTTOM OF SIGN 48" MIN. A.F.F. TOP OF SIGN 72" MAX A.F.F
4. AS PER 69A-60.0081



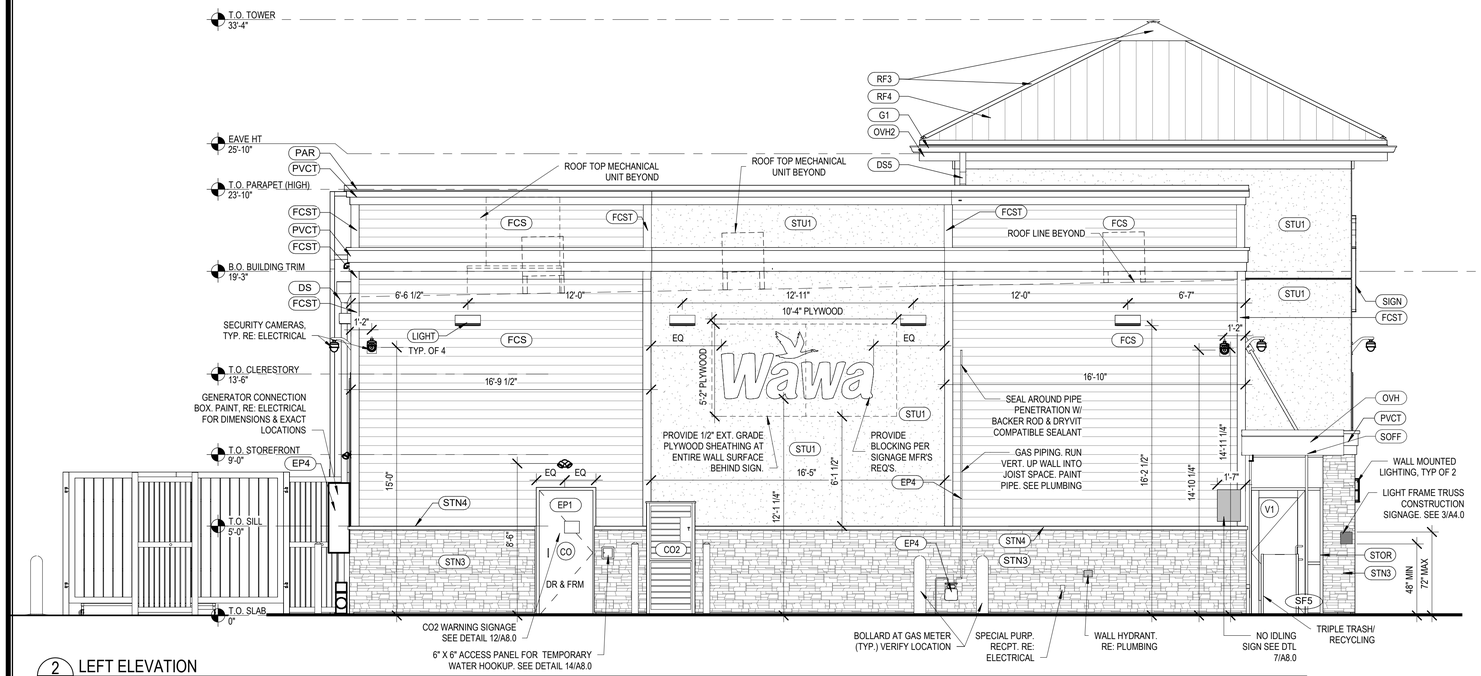
3 / A1 LIGHT-FRAME TRUSS-TYPE CONSTR. SIGN
3" = 1'-0"



1 / A1 FRONT ELEVATION
1/4" = 1'-0"

NOTE: SIGNAGE TO BE PERMITTED SEPERATELY

NOTE: REFER TO SITE PLAN FOR STL BOLLARD LOCATIONS



2 / A1 LEFT ELEVATION
1/4" = 1'-0"

NOTE: REFER TO SITE PLAN FOR STL BOLLARD LOCATIONS

NOTE: SIGNAGE TO BE PERMITTED SEPERATELY

GENERAL NOTES

1. VERIFY WITH SITE PLAN LOCATION OF STEEL BOLLARDS.
2. REFER TO EXTERIOR FINISH SCHEDULE FOR DETAILED MATERIAL INFORMATION.
3. G.C. TO INSTALL A 9" X 9" 'EMERGENCY SHUT-OFF' SIGN AT FRONT OF BUILDING AT BUTTON LOCATION - SIGN TO HAVE RED BACKGROUND AND WHITE LETTERS. REFER TO ELECTRICAL PLANS FOR LOCATION.
4. MOUNT SECURITY CAMERAS THE SAME HEIGHT AS THE EXTERIOR WALL FIXTURE
5. PETERSEN PAC-CLAD IS AN ACCEPTABLE ALTERNATE MFR. FOR PRODUCTS WHERE "ATAS" IS SPECIFIED. PROVIDE EQUAL OR BETTER QUALITY PRODUCTS. SUBMIT PRODUCT DATA TO ARCHITECT FOR APPROVAL.

EXTERIOR FINISH SCHEDULE

SYMB	MATERIAL	MANUFACTURER	COLOR	FPA APPROVAL #	NOTES
	ILLUMINATED SIGNAGE		-		-
CO2	CO2 FILL BOX	SUPPLIER	-		SEE A1.0 & EQ1.0 FOR LOCATION
DS	3"x4" .032 ALUMINUM DOWNSPOUT	ATAS ALUMINUM CORP.	COMMERCIAL GRADE, SMOOTH, PRE FINISHED ASCOT WHITE		COORDINATE WITH CIVIL FOR CONNECTION TO STORM SEWER.
DS1	3"x4" .032 ALUMINUM DOWNSPOUT	ATAS ALUMINUM CORP.	COMMERCIAL GRADE, SMOOTH, PRE FINISHED ASCOT WHITE		
DS5	3"x4" .032 ALUMINUM DOWNSPOUT	ATAZ INTERNATIONAL, INC (TYP)	COMMERCIAL GRADE, SMOOTH, PRE FINISHED ASCOT WHITE		PROVIDE WALK PADS ON ROOF
EP1	PAINT	SHERWIN WILLIAMS	SW7007 CEILING BRIGHT WHITE		FOR DOORS AND FRAMES
EP4	PAINT	SHERWIN WILLIAMS	SW COLOR MATCH BM PUMICE STONE #1197		FOR GAS METER, ICE BOX, GENERATOR
EP6	AZEK TRIM, PAINTED	SHERWIN WILLIAMS	COLOR: WHITE		
FCS	"HARDIEPLANK" FIBER CEMENT LAP SIDING	JAMES HARDIE	EMBELLISHED CREAM, FINISH: SMOOTH 8.25" X 12'	FL13192	PRE-FINISHED. PROVIDE COLOR-MATCHED CAULK BY JAMES HARDIE
FCST	HARDIE TRIM FIBER CEMENT ACCENT TRIM	JAMES HARDIE	ARTIC WHITE, FINISH: SMOOTH, 5/4" TH x 5.5" W x 10'-0" L		PRE-FINISHED. PROVIDE COLOR-MATCHED CAULK BY JAMES HARDIE
G1	ALUMINUM GUTTERS	ATAS ALUMINUM CORP.	.032 ALUMINUM, COLOR: WHITE		K-STYLE GUTTER. CONTINUOUS - NO SEAMS ALLOWED.
LADD	METAL EXT. LADDER	EASTERN METAL SUPPLY	POWDER COAT COLOR: SLATE GREY OR EQUIVALENT		PROVIDED BY WAWA VENDOR. REFER TO LADDER DETAILS.
LIGHT	EXTERIOR LIGHT FIXTURE	-	FINISH: WHITE		SEE ELECTRICAL DRAWINGS
MTPN	METAL PANEL	CFL ARCHITECTURAL, LLC.	PAINT TO MATCH DOOR, EP1	FL13192	
OFS	OVERFLOW COPING - .032 ALUMINUM 5" X10" OVERFLOW SCUPPER	-	PRE-FINISHED WHITE		ALTERNATE : PETERSON PAC-CLAD
OVH	METAL OVERHANG FASCIA	ATAS INTERNATIONAL, INC.	RAPID-LOK FASCIA. LOK FASCIA, COLOR: #17 BRITE RED		SEE DETAILS SHEET A3.1. ALTERNATE: PETERSEN PAC-CLAD
OVH2	HIP ROOF FASCIA	ATAS INTERNATIONAL, INC.	BRAKE METAL, COLOR #10 ASCOT WHITE		SEE DETAILS SHEET A3.1. ALTERNATE: PETERSEN PAC-CLAD
PAR	ALUM. PARAPET FASCIA	ATAS ALUMINUM CORP.	COLOR: SLATE GREY		RAPID LOCK COPING
PBS	PREFINISHED ALUMINUM BAHAMA SHUTTER	FENWALL FABRICATION & MFG.	COLOR TO MATCH ADJACENT TRIM	FL13192	SHUTTER PER SPECS. CONTACT (321) 926-6667, ALTERNATE SUPERIOR CUSTOM SHUTTERS, CONTACT DAVID DANIELS (407) 949-1969
PVCT	ACCENT TRIM	AZEK	COLOR: WHITE FINISH: SMOOTH		PRE-FINISHED. MITER ALL CORNERS; ALTERNATE: PALIGHT
RF3	STANDING SEAM ROOF HIP CAP	-	TO MATCH METAL ROOFING		-
RF4	METAL ROOFING	ATAS ALUMINUM CORP.	DUTCH SEAM 19.25" WIDE COLOR: SLATE GREY		-
RSUP	ROD SUPPORT	-	POWDER COAT, MATCH SW#6076		SEE STRUCTURAL DRAWINGS
SCJ	STUCCO CONTROL JOINT - 3/4" WIDE	-	-		"W" SHAPED ACCORDION STYLE RE:SPECS
SIGN	ILLUMINATED SIGNAGE	-	-		SIGN BY WAWA; SURFACE MOUNTED
SOFF	OPALINE OPW 085	ATAS INTERNATIONAL, INC.	#10 ASCOT WHITE		PORCH/ENTRY SOFFITS W/ VENT PANELS, COLOR TO MATCH SOFFIT
STN3	MANUFACTURED STONE VENEER	QUALITY STONE	PROVENCE		STYLE: OHIO DRYSTACK; MORTAR GREY
STN4	PRE-CAST MANUFACTURED STONE WATERTABLE/SILL	QUALITY STONE	HEWN STANDARD SILL BAND COLOR : EGGSHELL		24" MIN. LENGTH SECTIONS. VERTICAL GROUT JOINTS: 3/16" MAX WIDTH GROUT WITH QUIKRETE SM100 GRAY
STOR	STOREFRONT SYSTEM	YKK OR KAWNEER	DARK BRONZE	FL7237-R9	SEE SPECIFICATIONS
STU1	STUCCO	SENERGY	#3085 MERINGUE, FINISH: SAHARA		

PROFESSIONAL OF RECORD: ABIGAIL LEIGH BENJAMIN
LICENSE NO. AR103331
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973.883.8500 FAX 973.883.8601
http://www.aecom.com

CLIENT NAME
WAWA INC.
260 W. BALTIMORE PIKE
WAWA,PA 19063

PROJECT NAME
U45 FL - R PROTOTYPE v2025.Q1
WAWA STORE #XXXX
SW 42ND & TUSKAWILLA RD.
WINTER SPRINGS, FL

SHEET TITLE
EXTERIOR ELEVATIONS Copy 1

RELEASE	DATE
ISSUED FOR PERMIT	XX/XX/XX

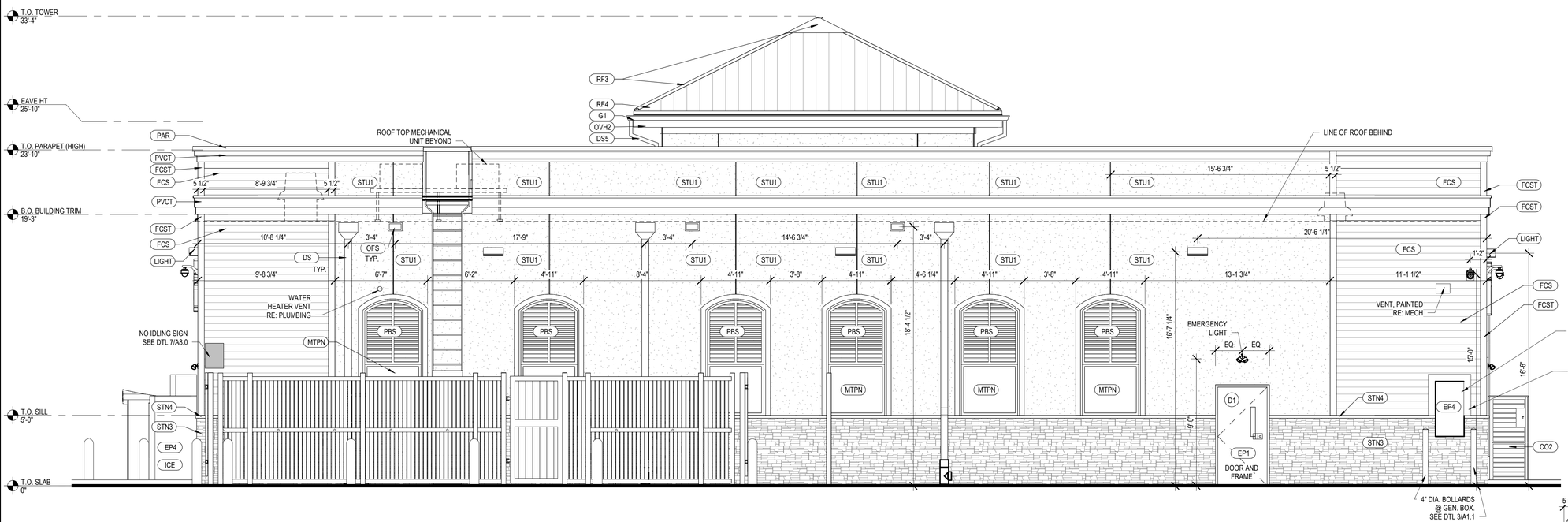
PROTOTYPE: U45 FL - R PROTOTYPE v2025.Q1
PROJECT NO. 60699612
DRAWN
CHECKED

XXXX
WINTER SPRINGS, FL

Wawa

A1

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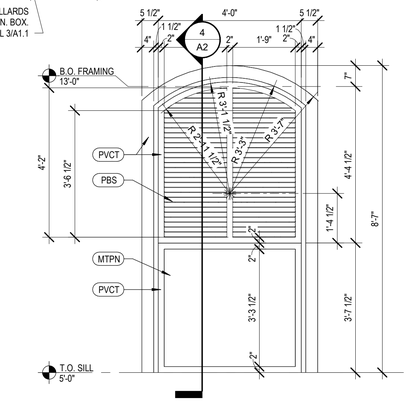


1 REAR ELEVATION
A2 1/4" = 1'-0"

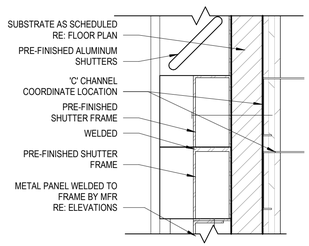
NOTE: SIGNAGE TO BE PERMITTED SEPERATELY

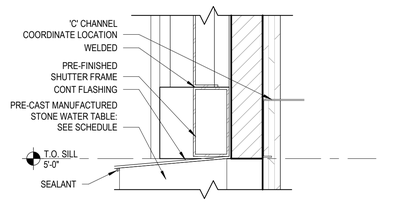
REFER TO SHEET A4.0 FOR EXTERIOR FINISH SCHEDULE AND NOTES

REFER TO SITE PLAN FOR STL BOLLARD LOCATIONS

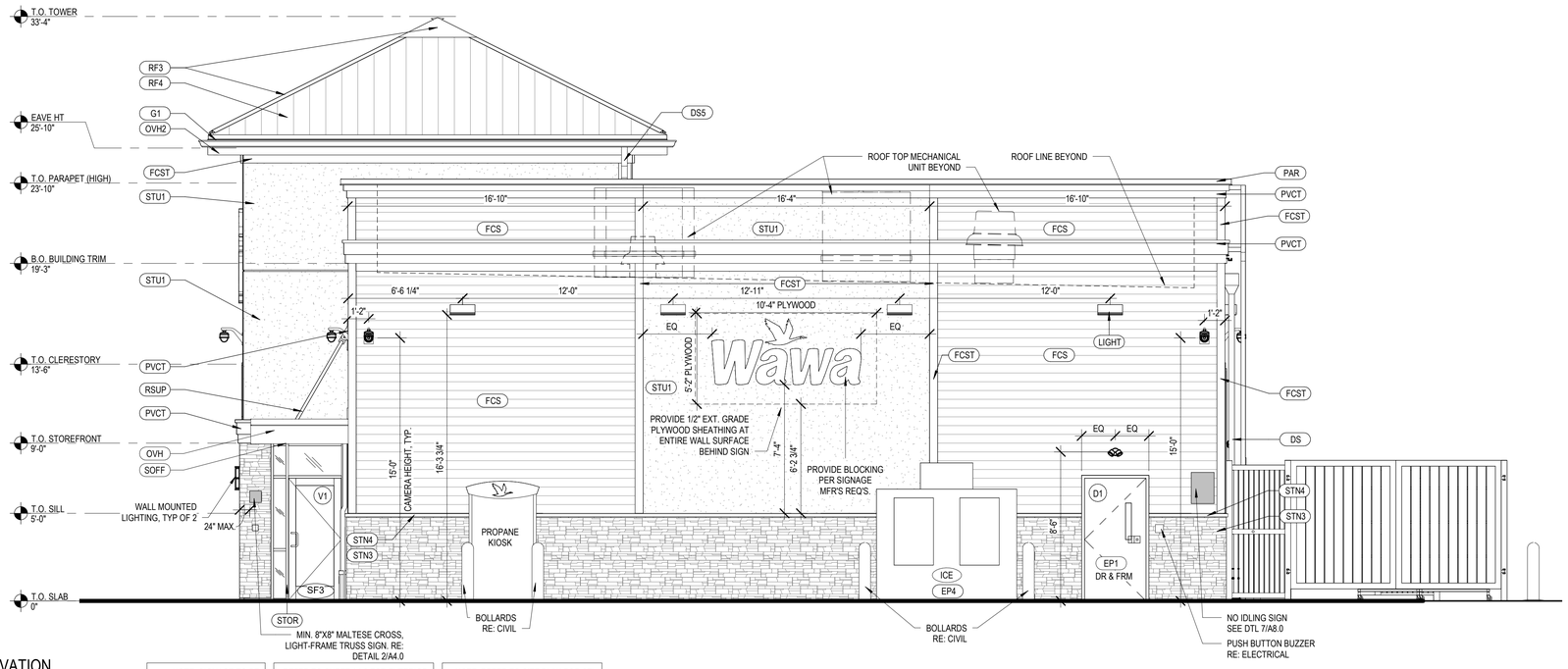


3 BAHAMA SHUTTER DETAIL
A2 1/2" = 1'-0"





4 METAL PANEL UNDER SHUTTER, (MTPN)
A2 6" = 1'-0"



2 RIGHT ELEVATION
A2 1/4" = 1'-0"

NOTE: SIGNAGE TO BE PERMITTED SEPERATELY

REFER TO SHEET A4.0 FOR EXTERIOR FINISH SCHEDULE AND NOTES

NOTE: REFER TO SITE PLAN FOR STL BOLLARD LOCATIONS

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973.883.8500 FAX 973.883.8601
http://www.aecom.com

CLIENT NAME
WAWA INC.
260 W. BALTIMORE PIKE
WAWA, PA 19063

PROJECT NAME
U45 FL - R PROTOTYPE v2025.Q1
WAWA STORE #XXXX
SR 434 & TUSKAWILLA RD.
WINTER SPRINGS, FL

SHEET TITLE
EXTERIOR ELEVATIONS Copy 2

RELEASE	DATE
ISSUED FOR PERMIT	XX/XX/XX

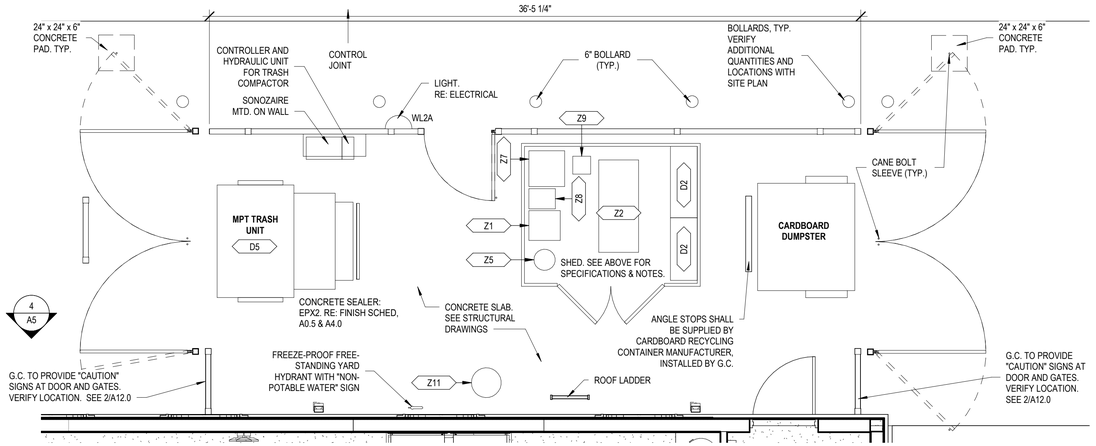
PROTOTYPE: U45 FL - R PROTOTYPE v2025.Q1
PROJECT NO. 60659912
DRAWN
CHECKED

XXXX
WINTER SPRINGS, FL

Wawa

A2

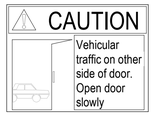
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1 A3 TRASH COMPOUND PLAN
1/4" = 1'-0"

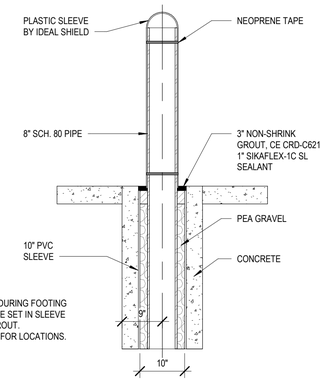
SHED SPECIFICATIONS
MFR: SUPERIOR SHEDS, INC.

MODEL: 10'-0" (WIDTH) X 8'-0" (DEPTH) VENTED SHED
PLAN TRACKING #33173-R1 (FBC 6TH EDITION - 2017)
AGENCY PLAN #SS-B-180CR1 (FBC 6TH EDITION - 2017)
COLOR: WHITE
NOTES: FURNISHED AND INSTALLED BY G.C. UNDER SEPARATE PERMIT



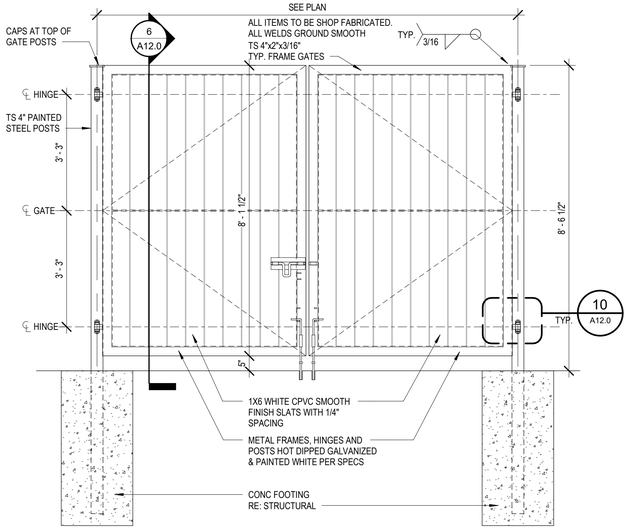
NOTE:
1. SIGN FURNISHED BY WAWA, INSTALLED BY GC
2. POST AT ALL GATES AND DOORS FACING TRAFFIC LANES

2 A3 SIGN AT DOORS AND GATES
3/4" = 1'-0"

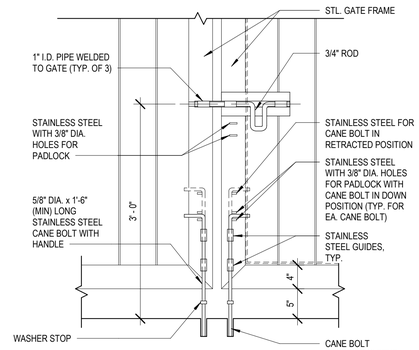


NOTES:
1. SET 10" PVC SLEEVE DURING FOOTING POUR. BOLLARD TO BE SET IN SLEEVE WITH NON SHRINK GROUT.
2. REFER TO SITE PLAN FOR LOCATIONS.

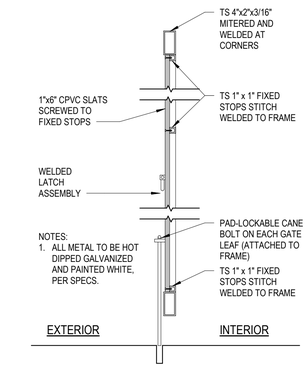
3 A3 BOLLARD DETAIL
3/4" = 1'-0"



4 A3 TYPICAL GATE ELEVATION
1/2" = 1'-0"

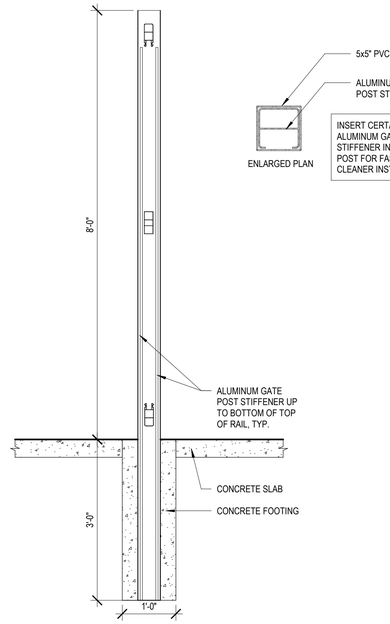


5 A3 CANE BOLT & LATCH DETAIL
1" = 1'-0"

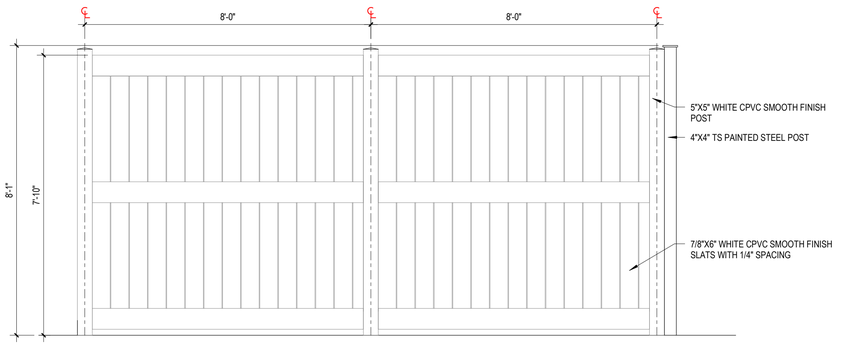


NOTES:
1. ALL METAL TO BE HOT DIPPED GALVANIZED AND PAINTED WHITE, PER SPECS.

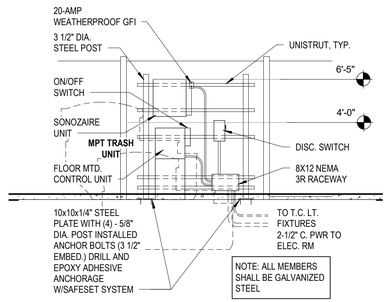
6 A3 GATE DETAIL
1" = 1'-0"



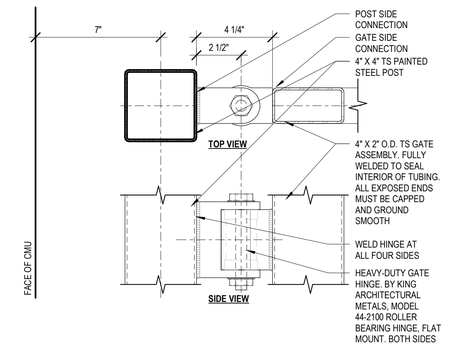
7 A3 PVC POST DETAIL
3/4" = 1'-0"



8 A3 TYPICAL PVC FENCE ELEVATION
1/2" = 1'-0"



9 A3 PARTIAL IN. ELEV.
1/4" = 1'-0"



10 A3 HINGE DETAIL
3" = 1'-0"

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http://www.aecom.com

CLIENT NAME
WAWA INC.
260 W. BALTIMORE PIKE
WAWA,PA 19063

PROJECT NAME
U45 FL - R PROTOTYPE v2025.Q1
WAWA STORE #XXXX
SR 434 & TUSKAWILLA RD.
WINTER SPRINGS, FL

SHEET TITLE
TRASH COMPOUND DETAILS

RELEASE	DATE
ISSUED FOR PERMIT	XX/XX/XX

PROTOTYPE	PROJECT NO.	DRAWN	CHECKED
U45 FL - R PROTOTYPE v2025.Q1	60699612		

XXXX
WINTER SPRINGS, FL

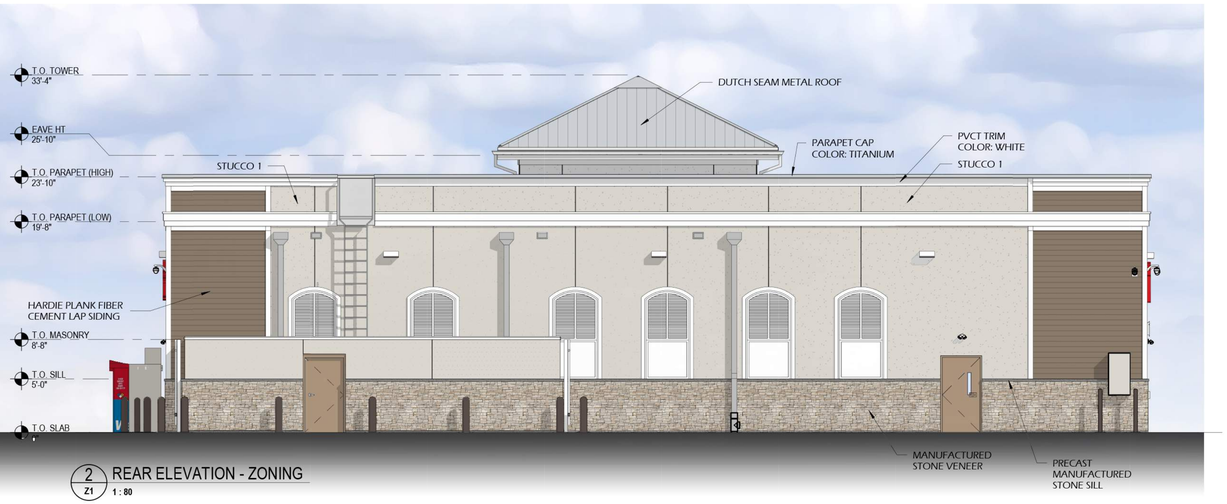
Wawa

A3

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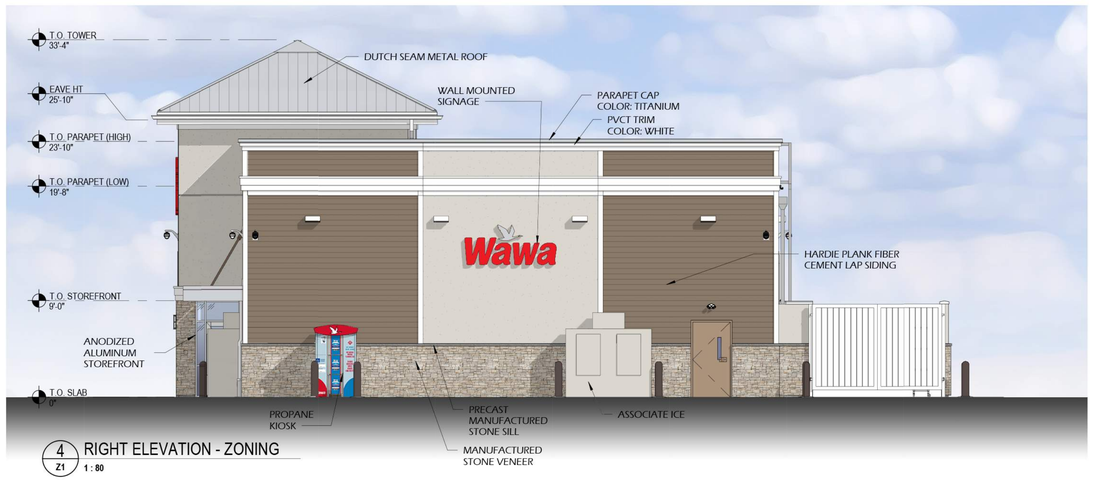
1 Z1 FRONT ELEVATION - ZONING
1 : 80



2 Z1 REAR ELEVATION - ZONING
1 : 80

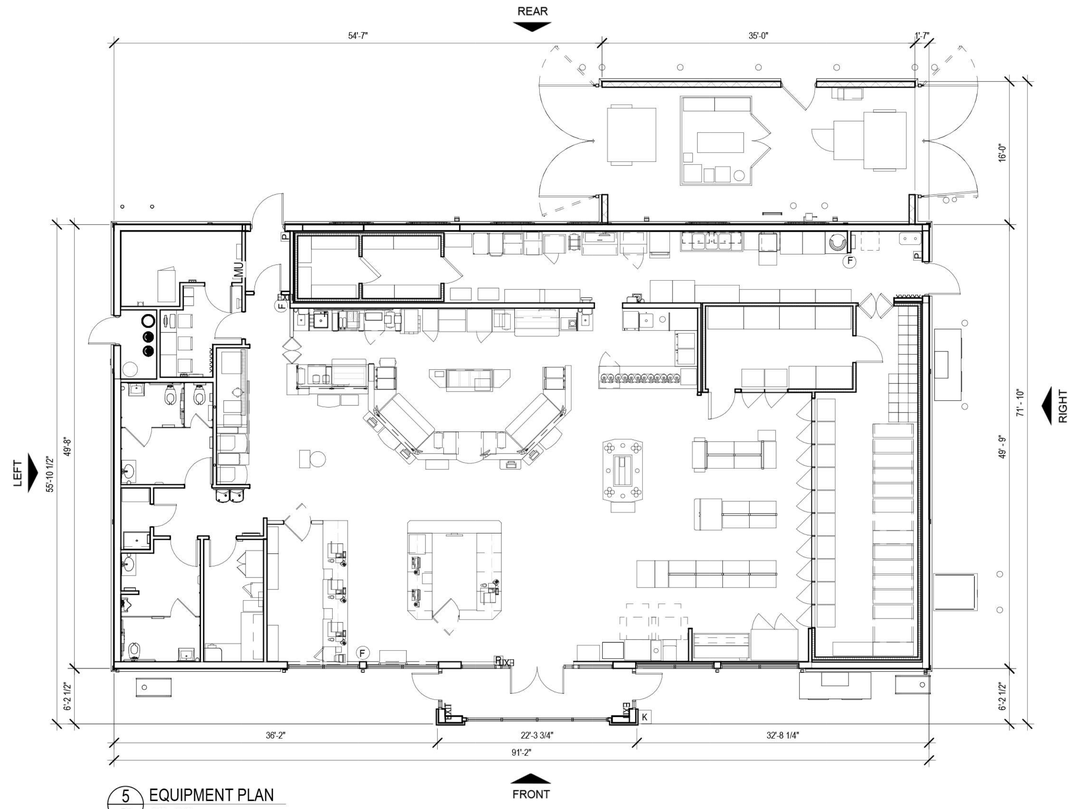


3 Z1 LEFT ELEVATION - ZONING
1 : 80



4 Z1 RIGHT ELEVATION - ZONING
1 : 80



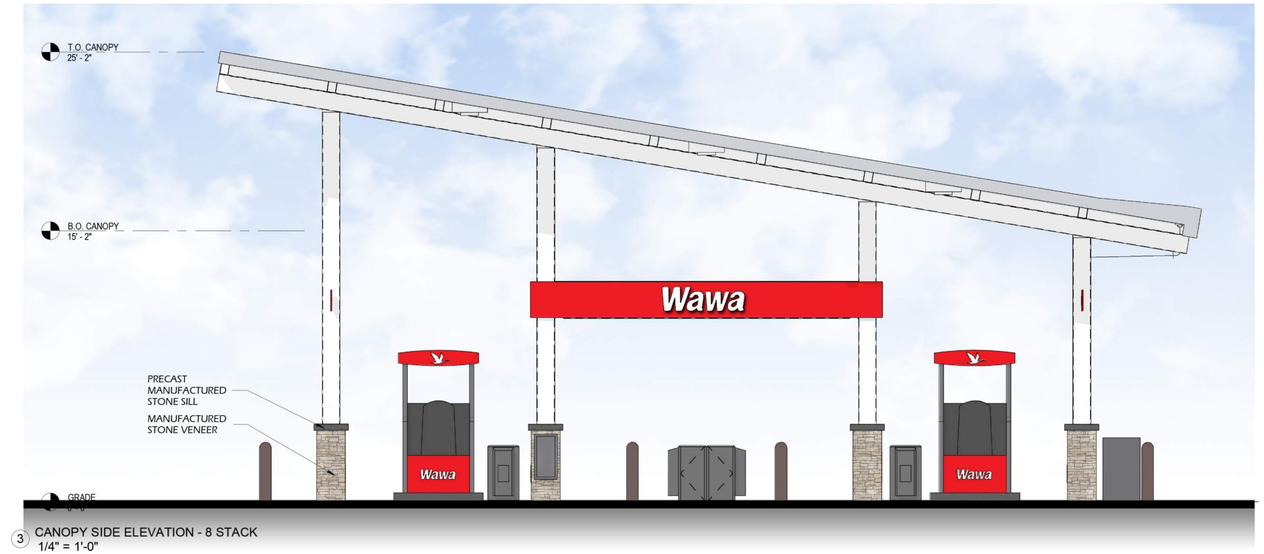


5 Z1 EQUIPMENT PLAN
1/8" = 1'-0"

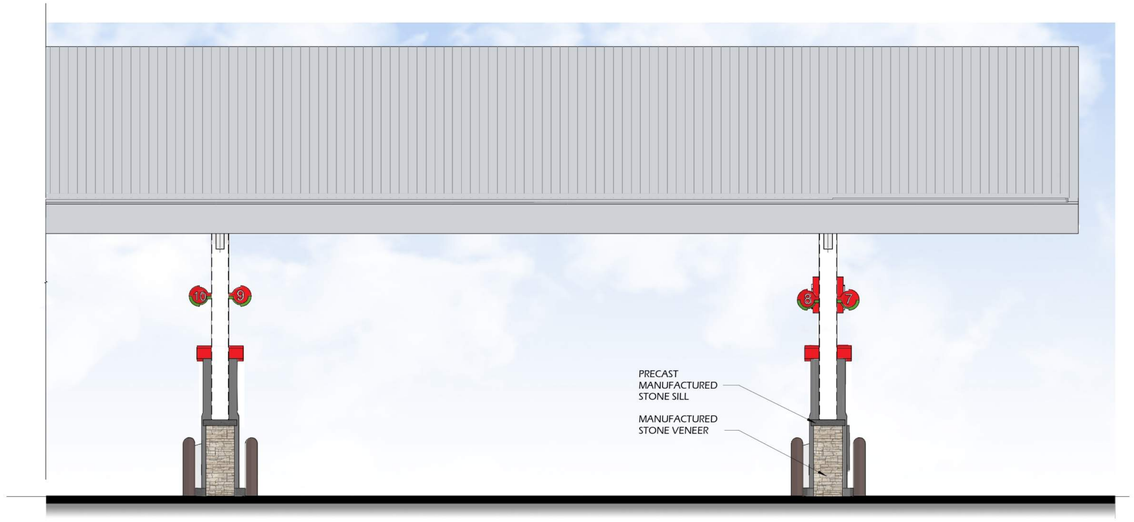
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BLOOMFIELD, NJ 07003
973.883.8500 FAX 973.883.8601
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WAWA STORE #XXXX - U45 FL - R

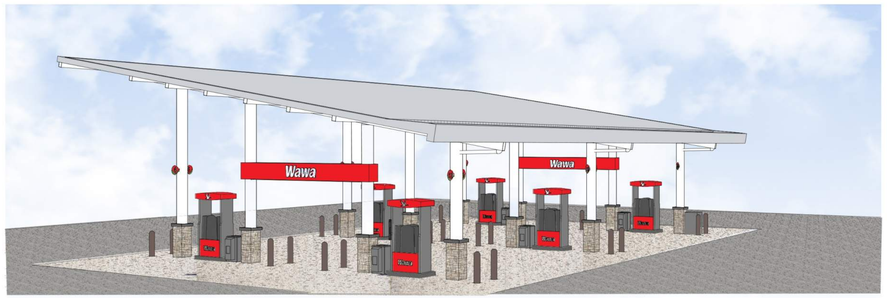
SR 434 & TUSKAWILLA RD.
WINTER SPRINGS, FL • XXXX • 09/03/2025



3 CANOPY SIDE ELEVATION - 8 STACK
1/4" = 1'-0"



2 CANOPY FRONT ELEVATION - 6 STACK
1/4" = 1'-0"



1 PERSPECTIVE (FOR REFERENCE ONLY)

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STACKED 6 GAS CANOPY - 5XXX

SR 434 & TUSKAWILLA RD.
WINTER SPRINGS, FL • xxxx • 09/03/2025

July 3, 2025

Terrilyn Rolle, Director of Community Development
City of Winter Springs
Community Development Department
1126 State Road 434
Winter Springs, Florida 32708

Subject: **Waiver Application Justification**
Wawa at Winter Springs Marketplace
Site Plan Case No.: FEDP-2025-0016

Please find attached plans and additional supporting documents for the waiver request from the City of Winter Springs Code Sections listed below.

1) Section 20-325 – Transect Standards – Lot Design Guidelines Table
   - ***a) A waiver is requested from Winter Springs City Code Sec. 20-325 to allow a maximum 98-ft front setback from Tuskawilla Road in lieu of the 50-ft max setback specified.***
   - ***b) A waiver is requested from Winter Springs City Code Sec. 20-325 to allow a maximum 182-ft front setback from S.R. 434 in lieu of the 50-ft max setback specified.***
   - ***c) A waiver is requested from Winter Springs City Code Sec. 20-325 to allow a 0-ft rear setback in lieu of the 15-ft min setback specified.***

The following is an itemized discussion to each of the six (6) waiver justification questions included with this request package.

1. Demonstrate that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development?

   1a) ***The waiver allowing a maximum 98-ft front building setback (to Tuskawilla Rd) in lieu of the 50-ft setback is requested in order to better accommodate safer traffic flow and better visibility of fueling services, making the site more functional and attractive.***

   A 50-ft setback hinders vehicle movement, causing congestion and safety concerns. Additionally, placing the building at the front obscures the gas pumps and car line from the road, which could deter potential customers. The 50-ft setback prevents functionality given the site's triangular geometry and would prevent adequate parking for the project. The 98-ft setback allows the design to accommodate these constraints, ensuring both safety and operational efficiency.

   1b) ***The waiver allowing a maximum 182-ft front building setback (to SR 434) in lieu of the 50-ft setback is requested in order to better accommodate safer traffic flow and better visibility of services, making the site more functional and attractive.***

   Positioning the building within the 50-ft setback would create poor traffic circulation and safety issues, as vehicles would have difficulty maneuvering efficiently due to the triangular geometry of the site. Additionally, placing the building at the front would obscure the gas pumps and car line from S.R. 434, deterring potential customers due to reduced visibility. Granting the 182-ft setback ensures better traffic flow, enhances visibility of the facilities, and ultimately results in a more functional and safe site design.

1c) ***The waiver allowing 0-ft rear setback in lieu of the 15-ft setback is requested in order to achieve integration of shared driveway aisles and optimal site circulation.***

This waiver is necessary because the 15-ft rear setback prevents functionality given the site's triangular geometry and would prevent adequate parking for the project. The adjoining properties are zoned commercial, and the master development plan incorporates internal driveway aisles. Enforcing the 15-ft rear setback would be impractical, as the cohesive design of the commercial area depends on unrestricted space for shared driveway aisles, ensuring seamless accessibility and site flow.

2. Demonstrate that the proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and in compliance with the Comprehensive Plan?

   The proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and is generally consistent with the Comprehensive Plan. All design adjustments and enhancements have been made in accordance with city guidelines and feedback from Staff, ensuring the project aligns with Winter Springs' development standards and goals.

3. Will the proposed development plan significantly enhance the real property?

   The proposed development plan will significantly enhance the real property as the current property is an undeveloped vacant lot. By transforming the development parcel into a cohesive, visually appealing area, the project will add value and integrate seamlessly with the surrounding environment, benefiting both the property and the community.

4. Will the proposed development plan serve the public health, safety, and welfare of the City of Winter Springs?

   The proposed development aims to serve the public health, safety, and welfare of the City of Winter Springs by introducing a gas station and convenience store developed to the City's commercial standards for this corridor. Additionally, the development will boost the City's commercial tax base, helping to reduce the financial burden on Winter Springs residents. Together, these improvements serve the community by providing essential services, enhancing safety and cleanliness, and contributing to the local economy.

5. Will the waiver diminish property values in or alter the essential character of the surrounding neighborhood?

   The waiver will not diminish the property values and seeks to maintain the essential character of the surrounding neighborhood.

6. Is the waiver request the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under Chapter 20 – Zoning?

   The requested waivers are the minimum waivers that will eliminate the unreasonable conditions caused by the sections of code detailed above in the introduction of this letter.

7. Is the proposed development plan compatible and harmonious with the surrounding neighborhood?

   The proposed site is designed to be compatible and harmonious with the surrounding neighborhood. Adding a gas station and convenience store will enhance the overall experience of the Marketplace, making it a convenient one-stop destination for various

needs. The cohesive design, landscaping, and well-maintained facilities will complement the existing retail and residential areas, ensuring a seamless integration with the community. The improved infrastructure, including well-lit and secure facilities will upgrade experience for Winter Springs residents. This design approach ensures that the development respects and improves the character of the neighborhood while providing valuable services and amenities in a convenient and attractive setting.

If you have any further questions, please do not hesitate to contact our office at 407-536-4440 or by email at **cory.sitler@kimley-horn.com**.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Cory N. Sitler, P.E.
FL PE No. 89984
Associate

K:\ORL_Civil\149170026-Winter Springs Wawa\LETTERS\2025-05-13 Waiver Letter - Setbacks.docx

Kimley»Horn

July 3, 2025

Terrilyn Rolle, Director of Community Development
City of Winter Springs
Community Development Department
1126 State Road 434
Winter Springs, Florida 32708

Subject: **Waiver Application Justification**
Wawa at Winter Springs Marketplace
Site Plan Case No.: FEDP-2025-0016

Please find attached plans and additional supporting documents for the waiver request from the City of Winter Springs Code Sections listed below.

1) Section 20-327.1 – Signs
   a) A waiver is requested from Winter Springs City Code Sec. 20-327.1 to allow monument-style ground signs on properties located along SR-434 and Tuskawilla Road within the Town Center, which includes this property. Two (2) signs are proposed. Please see the master signage site plan for the location of the proposed signs.

The following is an itemized discussion to each of the six (6) waiver justification questions included with this request package.

1. Demonstrate that the applicable term or condition clearly creates an illogical, impossible,

1a) ***The waiver to allowing monument-style ground signs along SR 434 and Tuskawilla Road within the Town Center is necessary due to the property's location. Positioned at the intersection of two major roads—SR 434 and Tuskawilla, which have six and five lanes respectively along the property's frontage and feature planted medians—business visibility from these wide, high-speed roads is essential for sustaining the development's commercial success. Additionally, separate monuments signage is needed for this specific tenant as fueling prices will be displayed for customers and cannot be added to the existing signage for the Marketplace.***

Monument-style ground signs are typical for this type of development, including comparable properties within the SR 434 overlay district nearby. Given that the property in question is situated near the edge of the Town Center district, we believe that allowing these monument-style signs is both fair and aligns with the City's intent for the area and development.

The proposed signs include: Two (2) monument ground signs along each property frontage (SR 434 & Tuskawilla Rd).

2. Demonstrate that the proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and in compliance with the Comprehensive Plan?

The proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and is generally consistent with the Comprehensive Plan. All design adjustments and enhancements have been made in accordance with city guidelines and feedback from Staff, ensuring the project aligns with Winter Springs' development standards and goals.

3. Will the proposed development plan significantly enhance the real property?

   The proposed development plan will significantly enhance the real property as the current property is an undeveloped vacant lot. By transforming the development parcel into a cohesive, visually appealing area, the project will add value and integrate seamlessly with the surrounding environment, benefiting both the property and the community.

4. Will the proposed development plan serve the public health, safety, and welfare of the City of Winter Springs?

   The proposed development aims to serve the public health, safety, and welfare of the City of Winter Springs by introducing a gas station and convenience store developed to the City's commercial standards for this corridor. Additionally, the development will boost the City's commercial tax base, helping to reduce the financial burden on Winter Springs residents. Together, these improvements serve the community by providing essential services, enhancing safety and cleanliness, and contributing to the local economy.

5. Will the waiver diminish property values in or alter the essential character of the surrounding neighborhood?

   The waiver will not diminish the property values and seeks to maintain the essential character of the surrounding neighborhood.

6. Is the waiver request the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under Chapter 20 – Zoning?

   The requested waivers are the minimum waivers that will eliminate the unreasonable conditions caused by the sections of code detailed above in the introduction of this letter.

7. Is the proposed development plan compatible and harmonious with the surrounding neighborhood?

   The proposed site is designed to be compatible and harmonious with the surrounding neighborhood. Adding a gas station and convenience store will enhance the overall experience of the Marketplace, making it a convenient one-stop destination for various needs. The cohesive design, landscaping, and well-maintained facilities will complement the existing retail and residential areas, ensuring a seamless integration with the community. The improved infrastructure, including well-lit and secure facilities will upgrade experience for Winter Springs residents. This design approach ensures that the development respects and improves the character of the neighborhood while providing valuable services and amenities in a convenient and attractive setting.

If you have any further questions, please do not hesitate to contact our office at 407-536-4440 or by email at **cory.sitler@kimley-horn.com**.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Cory N. Sitler, P.E.
FL PE No. 89984
Associate

K:\ORL_Civil\149170026-Winter Springs Wawa\LETTERS\2025-05-13 Waiver Letter -Signs.docx

Kimley»Horn

July 3, 2025

Terrilyn Rolle, Director of Community Development
City of Winter Springs
Community Development Department
1126 State Road 434
Winter Springs, Florida 32708

Subject: **Waiver Application Justification**
Wawa at Winter Springs Marketplace
Site Plan Case No.: FEDP-2025-0016

Please find attached plans and additional supporting documents for the waiver request from the City of Winter Springs Code Sections listed below.

1) Section 20-601 – Streetscape Requirements (Per Ordinance 2024)
   a) ***A waiver is requested from Winter Springs City Code Sec. 20-605 (Ordinance 2020-02) to allow a 13-ft onsite landscape buffer with canopy trees, a meandering 6-ft offsite sidewalk, and interspersed understory trees between back of sidewalk and front of sidewalk within the R/W. The requested streetscape buffer modification will provide the 27-ft buffer as required by code. This request will be in lieu of the required 5-ft landscape area adjacent to the R.O.W., followed by a 6-ft sidewalk, and a 16-ft landscape and treescape area (total 27-ft).*** **A waiver is requested for the Tuskawilla streetscape width due to insufficient right-of-way (R.O.W.) at the southern end, which limits the total streetscape to 22-ft. The site's geometry and layout have been optimized to ensure efficient parking and circulation. Unfortunately, this optimal parking arrangement restricts the availability of additional streetscape space. However, the landscaping will comply with the specified number of plantings as outlined in the relevant code section.**

The following is an itemized discussion to each of the six (6) waiver justification questions included with this request package.

1. Demonstrate that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development?

   1a) ***The waiver allowing modifications to the streetscape configuration and plant species along SR 434 and Tuskawilla Road is necessary due to existing utilities, sidewalks, and site geometry. Current underground and overhead utilities limit tree planting per the code requirements. A waiver is requested for the streetscape width on Tuskawilla Road due to the limited right-of-way (R.O.W.) and conflicts with overhead utilities affecting the sidewalk placement. These constraints interfere with the ability to meet the 27-foot streetscape requirement. The sidewalk cannot be moved further into the property to accommodate additional streetscape space due to the site's geometry and the necessity to maintain efficient parking and circulation. Given these fixed site conditions, meeting the required streetscape 27-ft width is not feasible.***

   To collaborate with City Staff, the applicant has agreed to place canopy trees within the onsite landscape buffer and intersperse understory trees among them consistent with other frontage within the Marketplace. The existing sidewalk within the R.O.W. will be upgraded to a 6-ft sidewalk in areas adjacent to the proposed development. Understory trees will be placed between the curb and sidewalk in the R.O.W.

This proposed configuration provides the required 6-ft sidewalk and canopy trees within the streetscape buffer, mitigating conflicts with overhead utilities as the trees mature. The inclusion of understory trees in the R.O.W. will enhance the streetscape for pedestrians and vehicular traffic. While this layout differs from the standard streetscape design, it meets the intent of the code requirements.

2. Demonstrate that the proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and in compliance with the Comprehensive Plan?

   The proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and is generally consistent with the Comprehensive Plan. All design adjustments and enhancements have been made in accordance with city guidelines and feedback from Staff, ensuring the project aligns with Winter Springs' development standards and goals.

3. Will the proposed development plan significantly enhance the real property?

   The proposed development plan will significantly enhance the real property as the current property is an undeveloped vacant lot. By transforming the development parcel into a cohesive, visually appealing area, the project will add value and integrate seamlessly with the surrounding environment, benefiting both the property and the community.

4. Will the proposed development plan serve the public health, safety, and welfare of the City of Winter Springs?

   The proposed development aims to serve the public health, safety, and welfare of the City of Winter Springs by introducing a gas station and convenience store developed to the City's commercial standards for this corridor. Additionally, the development will boost the City's commercial tax base, helping to reduce the financial burden on Winter Springs residents. Together, these improvements serve the community by providing essential services, enhancing safety and cleanliness, and contributing to the local economy.

5. Will the waiver diminish property values in or alter the essential character of the surrounding neighborhood?

   The waiver will not diminish the property values and seeks to maintain the essential character of the surrounding neighborhood.

6. Is the waiver request the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under Chapter 20 – Zoning?

   The requested waivers are the minimum waivers that will eliminate the unreasonable conditions caused by the sections of code detailed above in the introduction of this letter.

7. Is the proposed development plan compatible and harmonious with the surrounding neighborhood?

   The proposed site is designed to be compatible and harmonious with the surrounding neighborhood. Adding a gas station and convenience store will enhance the overall experience of the Marketplace, making it a convenient one-stop destination for various needs. The cohesive design, landscaping, and well-maintained facilities will complement the existing retail and residential areas, ensuring a seamless integration with the community. The improved infrastructure, including well-lit and secure facilities will upgrade experience for Winter Springs residents. This design approach ensures that the

development respects and improves the character of the neighborhood while providing valuable services and amenities in a convenient and attractive setting.

If you have any further questions, please do not hesitate to contact our office at 407-536-4440 or by email at **cory.sitler@kimley-horn.com**.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Cory N. Sitler, P.E.
FL PE No. 89984
Associate

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Kimley»Horn

June 4, 2025

Terrilyn Rolle, Director of Community Development
City of Winter Springs
Community Development Department
1126 E State Road 434
Winter Springs, FL 32708

Re: **Conditional Use Application Cover Letter**
Wawa at Winter Springs Marketplace

Please find attached the plans and supporting documentation for the Conditional Use request for the proposed Wawa at Winter Springs Marketplace project. The numbered items below provide responses to the questions within the Conditional Use Application provided.

1. How is the Conditional Use (density, height, scale and intensity, hours of operation, building and lighting design, setbacks, buffers, noise, refuse, odor, particulates, smoke, fumes and other emissions parking and traffic generating characteristics, number of persons anticipated using, residing or working under the conditional use, and other offsite impacts) compatible and harmonious with adjacent land uses?
Response: The project is consistent with the commercialized corridor within the Urban Town Center District. The proposed use is complimentary to the other uses within the Winter Springs Marketplace and provides additional services that residents can utilize while at the Marketplace. The project improves the walkability and promotes pedestrian and bicycle traffic which further enhances the neighborhood-like atmosphere.

The proposed height, scale, and intensity of the development in the final engineering plans align with the uses previously approved in Winter Springs and the existing uses within the Winter Springs Marketplace master development. Impacts related to noise, refuse, odor, particulates, smoke, fumes, and other emissions are not expected to adversely affect the surrounding areas. The development is designed to be compatible and harmonious with adjacent land uses, ensuring it does not negatively impact activities in the vicinity.

2. Will the Conditional Use adversely impact land use activities in the immediate vicinity? If no, why not?
Response: This project use is consistent with surrounding uses within the Marketplace and does not adversely impact those tenants. The proposed development is strategically distanced from the residential areas along the northwest and southern boundaries. Additionally, enhanced streetscaping along the S.R. 434 frontage has been incorporated to ensure integration of open space with the development.

3. Demonstrate the size and shape of the site, the proposed access and internal circulation, and the design enhancements to be adequate to accommodate the proposed density, scale and intensity of the conditional use requested. The site shall be of sufficient size to accommodate design amenities such as screening, buffers, landscaping, open space, off-street parking, safe and convenient automobile, bicycle, and pedestrian mobility at the site, and other similar site plan improvements needed to mitigate against potential adverse impacts of the proposed use.
Response: Utilizing existing access points from the marketplace and internal drive aisles, the site access and internal circulation are designed to conform to existing traffic patterns. Streetscape improvements are proposed with enhanced landscaping along Tuskawilla Road and S.R. 434, aligning with the City's streetscape intentions. Onsite improvements

accommodate bikes and pedestrian mobility, ensuring a cohesive and accessible environment for all users.

The site's size, shape, proposed access points, and internal circulation are well-designed to support the proposed development. These connections provide direct access to the Wawa site without requiring vehicles to traverse other tenants' parking areas, SR 434, or Tuskawilla Rd. Additionally, access points have been verified through auto-turn simulations to ensure adequate movement and access larger vehicles.

4. Will the proposed use have an adverse impact on the local economy, including governmental fiscal impact, employment, and property values? If no, why not?
Response: The proposed development of a convenience store/gas station, a conditional use within the T5 Transect of the Town Center District, is expected to enhance the local economy, governmental fiscal impact, employment, and property values. By creating new job opportunities, the site will positively contribute to the local economy. Additionally, it will generate a beneficial fiscal impact on local government through impact fees, new revenue streams, and utility connections. Developing this undeveloped parcel into a cohesive part of the Winter Springs Town Center will also boost property values.

5. Will the proposed use have an adverse impact on natural environment, including air, water, and noise pollution, vegetation and wildlife, open space, noxious and desirable vegetation, and flood hazards? If no, why not?
Response: As part of the master development, ECS Florida, LLC completed geotechnical and environmental studies for all areas of the site. The reports did not identify adverse impacts to the natural environment. According to T5 Transect Town Center standards (Sec. 20-325), the site allows for a maximum lot coverage of 100%. However, the applicant has chosen to limit the impervious area and building coverage, opting not to utilize the full 100% lot coverage allowed.

A noise study is not required since the City's noise ordinance (Sec. 13-31) restricts decibel levels to 60-70 in commercial zones between 10:00 p.m. and 7:00 a.m., prohibiting any disturbance during these hours. The proposed use will fully comply with the City's noise regulations.

The site is not located within a floodplain. Based on Flood Insurance Rate Map (FIRM) No. 12117C0160F, Community No. 120295, City of Winter Springs, the site is located in Zone "X". As stated in the FIRM panel legend, Zone X is for areas of 0.2% annual chance of flooding.

The stormwater will connect to the existing system, which was permitted for future development of the parcel by the City of Winter Springs and the St. Johns Water Management District. The project is consistent with the master stormwater system design, ensuring efficient and compliant stormwater management.

6. Will the proposed use have an adverse impact on historic, scenic and cultural resources, including views and vistas, and loss or degradation of cultural and historic resources? If no, why not?
Response: Proposed development does not anticipate adverse impact on any historic, scenic, or cultural resources, including views and vistas, and loss or degradation of cultural and historic resources.

7. Will the proposed use have an adverse impact on public services, including water, sewer, stormwater and surface water management, police, fire, parks and recreation, streets, public transportation, marina and waterways, and bicycle and pedestrian facilities? If no, why not?
Response: The proposed development has been designed in accordance with the T5 Transect of the Town Center District Code, which includes criteria for water, sewer, stormwater and surface water management, police, and fire. The stormwater will connect to the existing system, permitted for future development by the City of Winter Springs and the St. Johns Water Management District, consistent with the master stormwater design for efficient and compliant stormwater management.

The proposed development includes the installation of bicycle racks and an onsite sidewalk network, which will provide safe connectivity from the right-of-way through the site and integrate with the master development's pedestrian circulation network.

8. Will the proposed use have an adverse impact on housing and social conditions, including a variety of housing unit types and prices, and neighborhood quality? If no, why not?
Response: The proposed development does not anticipate adverse impact on housing or social conditions.

9. Will the proposed use avoid significant adverse odor, emission, noise, glare, and vibration impacts on adjacent and surrounding lands regarding refuse collection, service delivery, parking and loading, signs, lighting, and other sire elements? If no, why not?
Response: The proposed Wawa at Winter Spring Marketplace does not anticipate emitting significant adverse odors, emission, noise, glare, or vibration impacts on adjacent properties. The site has been designed with adequate parking, lighting, and refuse collection. While the proposed project will utilize ten additional parking spaces adjacent to the stormwater pond, these spaces will be dedicated to employees and ensure sufficient parking for customers.

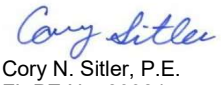
10. Demonstrate that the conditional use and associated site plan have been designed to incorporate mitigative techniques and plans needed to prevent adverse impacts addressed in the criteria stated herein or to adjacent and surrounding uses and properties.
Response: The proposed development includes adequate screening and buffering along the applicable property boundaries. The site was planned for future development within the Winter Springs Marketplace master development and is consistent with the overall look and feel of the area. Residential impacts are not anticipated as part of this project.

11. If the proposed conditional use is a residential use, whether the elementary, middle and high schools (K-12) that will be initially assigned to the residential project by the School District at the time the city commission considers final approval of the conditional use have both sufficient capacity, are in close proximity to the project so as to make each of the assigned schools accessible and convenient (e.g., walking distance, travel time, private and public transportation, and quality of route environment) to the majority of the school population that will be drawn from the project, and promote and support the integration of future residents of the project into the existing city of Winter Springs community in a sustainable manner.
Response: Not Applicable. The project proposes a gas station/ convenience store use.

If you have any further questions, please do not hesitate to contact our office at 407-536-4440 or by email at **cory.sitler@kimley-horn.com**.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Cory N. Sitler, P.E.
FL PE No. 89984
Associate

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CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Site Plan Review

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Florida Statue 419.001. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033. By submitting this application, you hereby grant temporary right of entry for City officials to enter upon the subject property for purposes of evaluating this application.

Site Plan Type

Type of Development: ____ Residential __X__ Non-Residential

___Preliminary Review __X__Final Review ___Combined Preliminary/Final ___Resubmittal ___ Recorded Plat

Project Name: Wawa At Winter Springs Marketplace Date: 5/13/2025

Applicant/Agent Information

Applicant(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Person Who Will Upload Plans: Cory Sitler

Email: cory.sitler@kimley-horn.com Phone#: 407-536-4440

Property Owner(s) Name (If Applicant is not the Property Owner)

Name: _____

Email: _____ Phone #: _____

Mailing Address: _____

Phone Number: _____

Site Information

Project Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 1.21 Acres

Existing Use: Commercial

Proposed Use: Commercial

Zoning District: T-5 Urban Ceneter

Future Land Use: Commercial

Is the property located in the Town Center District? _X__Yes _____No

Is the property within the S.R. 434 Corridor Overlay District? _X__Yes _____No

Is the property located in the Greeneway Interchange Zoning District? _____Yes _X__No

The Planning and Zoning Board/Local Planning Agency shall review Site Plan Applications and make a written recommendation to the City Commission. The City Commission shall render all final decisions regarding Preliminary and Final Engineering Plans and may impose reasonable conditions on any approved plans to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the City Code and Comprehensive Plan. All formal decisions shall be based upon the applicable criteria as set forth in the City's Code of Ordinances Chapter 9, Land Development and Chapter 20, Zoning.

Applicants are advised, that if they decide to appeal any decisions made at the meetings or hearings, with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to ensure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per 286.0105, Florida Statutes.

Application Fees

Fees are as reflected on the Fee Schedule plus actual costs incurred for advertising or notification, and reimbursement for technical, and/or professional services which may be required in connection with the review, inspection, or approval of any development (based on accounting submitted by the City Consultant), payable prior to approval of the pertinent stage of development.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Site Plan Review

THIS APPLICATION MUST BE SIGNED IN THE PRESENCE OF A NOTARY

This is to certify that I am the owner in simple fee of the subject property as described in this application for Site Plan Review.

Property Owner(s) Name (Print): Tuscawilla Property Investors, LLC - Ryan Stahl

Property Owner Signature: _____ Date: 5/9/25

Property Owner(s) Name (Print): _____

Property Owner Signature: _____ Date: _____

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 20 25, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: Kristin Banks

My Commission Expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: If the applicant is not the property owner the Property Owner shall sign and have their signature notarized below, authorizing the applicant and/or agent permission to submit the Site Plan Review application.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____ Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Aesthetic Review

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC Date: 5/13/2025
Mailing address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751
Email: RStahl@equinox-development.com
Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC
Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751
Email: RStahl@equinox-development.com
Phone Number: (407) 628-0077

Project Name: Wawa At Winter Springs Marketplace
Property Address: Northwest corner of FL-434 & Tuskawilla Rd
Parcel ID(s): 36-20-30-502-0000-0090
Parcel Size: 1.21 Acres
Existing Use: Commercial

List all witnesses that the applicant intends to present to the City Commission to provide testimony:
Ryan Stahl and Cory Sitler

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:
Site plan, building/signage elevations and renderings

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Aesthetic Review

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Chapter 9–Aesthetic Review Sec.9-605. All applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033. Once the application is deemed sufficient, the applicant shall move forward with the Community Workshop, required per Chapter 20–Zoning Sec.20-29.1.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Conditional Use is quasi-judicial in nature. Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Aesthetic Review recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Aesthetic Review and may impose reasonable conditions on any approved Aesthetic Review to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan. All formal decisions shall be based on competent substantial evidence and the applicable criteria as set forth in Chapter 9, Aesthetic Review Standards. Applicants are advised that if, they decide to appeal any decisions made at the meetings or hearings with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to insure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per Florida Statute 286.0105.

An Aesthetic Review Approval by the City Commission under this article shall be valid for a maximum of eighteen (18) months from the date the city commission renders its approval at a public meeting. If the applicant fails to obtain a building permit within the eighteen (18) month period, the city commission's approval shall expire at the end of the period. However, once a building permit is issued, the approval shall be valid for a time period equal to the permit and shall expire only if the building permit expires. Reasonable extensions may be granted by the city commission upon good cause shown by the applicant, provided substantial changes have not occurred in the surrounding area that would make the prior approval inconsistent with the criteria set forth in Chapter 9-Aesthetic Review Sec.9-9603

Criteria for Review

1. The plans and specifications of the proposed project indicate that the setting, landscaping, proportions, materials, colors, texture, scale, unity, balance, rhythm, contrast, and simplicity are coordinated in a harmonious manner relevant to the particular proposal, surrounding area and cultural character of the community.
2. The plans for the proposed project are in harmony with any future development which has been formally approved by the City within the surrounding area.
3. The plans for the proposed project are not excessively similar or dissimilar to any other building, structure or sign which is either fully constructed, permitted but not fully constructed, or included on the same permit application, and facing upon the same or intersecting street within five hundred (500) feet of the proposed site, with respect to one or more of the following features of exterior design and appearance:
    a. Front or side elevations;
    b. Size and arrangement of elevation facing the street, including reverse arrangement; or
    c. Other significant features of design such as, but not limited to: materials, roof line, hardscape improvements, and height or design elements.
4. The plans for the proposed project are in harmony with, or significantly enhance, the established character of other buildings, structures or signs in the surrounding area with respect to architectural specifications and design features deemed significant based upon commonly accepted architectural principles of the local community.
5. The proposed project is consistent and compatible with the intent and purpose of this article, the Comprehensive Plan for Winter Springs, design criteria adopted by the City (e.g. Town Center guidelines, SR 434 design specifications) and other applicable federal, state or local laws.
6. The proposed project has incorporated significant architectural enhancements such as concrete masonry units with stucco, marble, termite-resistant wood, wrought iron, brick, columns and piers, porches, arches, fountains, planting areas, display windows, and other distinctive design detailing and promoting the character of the community.

REQUIRED DOCUMENTATION

___ A complete Application and applicable fee

- X Minor (Site less than 2 acres)
- ___ Major (Site greater than 2 acres)
- ___ Modification of previously approved Aesthetic Review

X A Legal Description accompanied by a certified survey or the portion of the map maintained by the Seminole County Property Appraiser reflecting the boundaries of the subject property (To scale).

X Site Plan

X Building Elevations (color) illustrating all sides of structures

X Color rendering illustrating street view with landscaping at time of planting;

X Illustrations of all walls, fences, and other accessory structures and indication of their height and the materials proposed for their construction;

X Signage elevations of proposed exterior permanent signs, outdoor advertising or other constructed elements other than habitable space, if any;

X Identification of materials, textures, and colors to be used on all buildings, accessory structures, exterior signs, and other constructed elements;

X Other architectural and engineering data as may be requested to clarify the application.

___ For all new commercial development and new residential subdivisions of ten (10) or more lots or existing commercial buildings being altered by 50 percent or greater of the original floor plan or seating capacity and requiring a modified site plan, or development agreements process under section 20-28.1 of the City Code, or as otherwise deemed applicable by the city to relevantly and competently examine an application for compliance with the city code and the affect and impact the proposed use will have on neighborhood and surrounding properties, applicants shall be required to submit with the following additional information referenced in Chapter 20 – Zoning Sec.20.29 Applications (7) – (11).

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Aesthetic Review

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for an Aesthetic Review for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 5/9/25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 36-20-30-502-0000-0090

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: _____

My Commission Expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Development Agreement

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per all applicable City Codes and the City Comprehensive Plan. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033. Once the application is deemed sufficient, the applicant shall move forward with the Community Workshop, required per Chapter 20–Zoning Sec.20-29.1.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Development Agreement is quasi-judicial in nature. Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Development Agreement recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Development Agreements and may impose reasonable conditions on any approved Development Agreement to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan.

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC

Applicant Signature: _____ Date: 7/21/2025

Mailing address: 630 South Maitland Avenue, Suite 100, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 100, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Development Agreement

Property Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 1.21 Acres

Project Name: Wawa At Winter Springs Marketplace

A general description of the relief sought under this division.

The request is to revise the Development Agreement to incorporate the development of parcel 36-20-30-502-0000-0090 per the plans submitted under FDEP-2025-0016.

A brief explanation, with applicable supporting competent substantial evidence and documents, as to why the application satisfies the relevant criteria set forth in the City Zoning Code and City Comprehensive Plan.

This project satisfies the review criteria as proposed under the conditional use, waivers, and aesthetic applications that are currently under review.

List all witnesses that the applicant intends to present to the City Commission to provide testimony:

Cory Sitler and Ryan Stahl

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:

Photos (if needed)

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing.

REQUIRED DOCUMENTATION

_X_ A complete Application and Fee

_X_ An Electronic copy of the most recent survey of the subject property.

_X_ An Electronic copy of the Legal Description of the subject property.

_X_ Documentation and Data supporting the request.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Development Agreement

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for a Development Agreement for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 7.21.25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 36-20-30-502-0000-0090

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 21st day of July, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 7/21/2025 (seal):

Notary Public Signature: Kristin Banks

My Commission expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____ COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____ Date: _____ (seal):

Notary Public Signature: _____

My Commission expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Chapter 20 – Zoning Sec. 20-34. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Waiver is quasi-judicial in nature.

Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Waiver recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Waivers and may impose reasonable conditions on any approved Waiver to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan. All formal decisions shall be based on competent substantial evidence and the applicable criteria as set forth in Chapter 20, Zoning. Applicants are advised that if, they decide to appeal any decisions made at the meetings or hearings with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to insure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per Florida Statute 286.0105.

A Waiver which may be granted by the City Commission shall expire two (2) years after the effective date of such approval by the City Commission, unless a building permit based upon and incorporating the Waiver, is issued by the City within said time period. Upon written request of the property owner, the City Commission may extend the expiration date, without public hearing, an additional six (6) months, provided the property owner demonstrates good cause for the extension In addition, if the aforementioned building permit is timely issued, and the building permit subsequently expires and the subject development project is abandoned or discontinued for a period of six months, the Waiver shall be deemed expired and null and void, per Chapter 20 – Sec.20-36.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC Date: 5/13/2025

Mailing address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Project Name: Wawa At Winter Springs Marketplace

Property Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 1.21 Acres

Existing Use: Commercial

All waiver requests shall be written in the following format: A waiver is requested from Winter Springs City Code 'X' to allow 'Y' in lieu of 'Z'. After the request, the applicant shall provide a justification for each waiver request.

List Waiver(s)(provide additional sheets if necessary): See attached cover letter.

Demonstrate that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development?

See attached cover letter.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
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Application – Waiver

Demonstrate that the proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and in compliance with the Comprehensive Plan?

See attached cover letter.

Will the proposed development plan significantly enhance the real property?

See attached cover letter.

Will the proposed development plan serve the public health, safety, and welfare of the City of Winter Springs?

See attached cover letter.

Will the waiver diminish property values in or alter the essential character of the surrounding neighborhood?

See attached cover letter.

Is the waiver request the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under Chapter 20 – Zoning?

See attached cover letter.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org
Application – Waiver

Is the proposed development plan compatible and harmonious with the surrounding neighborhood?
See attached cover letter.

List all witnesses that the applicant intends to present to the City Commission to provide testimony:
Ryan Stahl, Cory Sitler, and Jonathan Martin

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:
Photos (if needed)

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

REQUIRED DOCUMENTATION

_x_ A complete Application and Fee

_x_ A general description of the relief sought under this division

_x_ A brief explanation, with applicable supporting competent substantial evidence and documents, as to why the application satisfies the relevant criteria set forth in this division

_x_ A Legal Description accompanied by a certified survey or the portion of the map maintained by the Seminole County Property Appraiser reflecting the boundaries of the subject property (To scale).

_x_ An Excel mailing list with the names and addresses of each property owner within 500 ft. of each property line, along with the HOA Associations within 1/2 mile of each property line.

___ For all new commercial development and new residential subdivisions of ten (10) or more lots or existing commercial buildings being altered by 50 percent or greater of the original floor plan or seating capacity and requiring a modified site plan, or development agreements process under section 20-28.1 of the City Code, or as otherwise deemed applicable by the city to relevantly and competently examine an application for compliance with the city code and the affect and impact the proposed use will have on neighborhood and surrounding properties, applicants shall be required to submit with the following additional information referenced in Chapter 20 – Zoning Sec.20.29 Applications (7) – (11).

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for an Aesthetic Review for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 5/9/25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 36-20-30-502-0000-0090

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: _____

My Commission Expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
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Application – Waiver

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Chapter 20 – Zoning Sec. 20-34. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Waiver is quasi-judicial in nature.

Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Waiver recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Waivers and may impose reasonable conditions on any approved Waiver to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan. All formal decisions shall be based on competent substantial evidence and the applicable criteria as set forth in Chapter 20, Zoning. Applicants are advised that if, they decide to appeal any decisions made at the meetings or hearings with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to insure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per Florida Statute 286.0105.

A Waiver which may be granted by the City Commission shall expire two (2) years after the effective date of such approval by the City Commission, unless a building permit based upon and incorporating the Waiver, is issued by the City within said time period. Upon written request of the property owner, the City Commission may extend the expiration date, without public hearing, an additional six (6) months, provided the property owner demonstrates good cause for the extension In addition, if the aforementioned building permit is timely issued, and the building permit subsequently expires and the subject development project is abandoned or discontinued for a period of six months, the Waiver shall be deemed expired and null and void, per Chapter 20 – Sec.20-36.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC Date: 5/13/2025

Mailing address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Project Name: Wawa At Winter Springs Marketplace

Property Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 1.21 Acres

Existing Use: Commercial

All waiver requests shall be written in the following format: A waiver is requested from Winter Springs City Code 'X' to allow 'Y' in lieu of 'Z'. After the request, the applicant shall provide a justification for each waiver request.

List Waiver(s)(provide additional sheets if necessary): See attached cover letter.

Demonstrate that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development?

See attached cover letter.

Demonstrate that the proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and in compliance with the Comprehensive Plan?

See attached cover letter.

Will the proposed development plan significantly enhance the real property?

See attached cover letter.

Will the proposed development plan serve the public health, safety, and welfare of the City of Winter Springs?

See attached cover letter.

Will the waiver diminish property values in or alter the essential character of the surrounding neighborhood?

See attached cover letter.

Is the waiver request the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under Chapter 20 – Zoning?

See attached cover letter.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org
Application – Waiver

Is the proposed development plan compatible and harmonious with the surrounding neighborhood?
See attached cover letter.

List all witnesses that the applicant intends to present to the City Commission to provide testimony:
Ryan Stahl, Cory Sitler, and Jonathan Martin

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:
Photos (if needed)

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

REQUIRED DOCUMENTATION

_x_ A complete Application and Fee

_x_ A general description of the relief sought under this division

_x_ A brief explanation, with applicable supporting competent substantial evidence and documents, as to why the application satisfies the relevant criteria set forth in this division

_x_ A Legal Description accompanied by a certified survey or the portion of the map maintained by the Seminole County Property Appraiser reflecting the boundaries of the subject property (To scale).

_x_ An Excel mailing list with the names and addresses of each property owner within 500 ft. of each property line, along with the HOA Associations within 1/2 mile of each property line.

___ For all new commercial development and new residential subdivisions of ten (10) or more lots or existing commercial buildings being altered by 50 percent or greater of the original floor plan or seating capacity and requiring a modified site plan, or development agreements process under section 20-28.1 of the City Code, or as otherwise deemed applicable by the city to relevantly and competently examine an application for compliance with the city code and the affect and impact the proposed use will have on neighborhood and surrounding properties, applicants shall be required to submit with the following additional information referenced in Chapter 20 – Zoning Sec.20.29 Applications (7) – (11).

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for an Aesthetic Review for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 5/9/25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 36-20-30-502-0000-0090

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: _____

My Commission Expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Conditional Use

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Chapter 20–Zoning Sec.20-33. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033. Once the application is deemed sufficient, the applicant shall move forward with the Community Workshop, required per Chapter 20–Zoning Sec.20-29.1.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Conditional Use is quasi-judicial in nature. Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Conditional Use recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Conditional Uses and may impose reasonable conditions on any approved Conditional Use to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan. All formal decisions shall be based on competent substantial evidence and the applicable criteria as set forth in Chapter 20, Zoning. Applicants are advised that if, they decide to appeal any decisions made at the meetings or hearings with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to insure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per Florida Statute 286.0105.

A Conditional Use which may be granted by the City Commission shall expire two (2) years after the effective date of such approval by the City Commission, unless a building permit based upon and incorporating the Conditional Use, is issued by the City within said time period. Upon written request of the property owner, the City Commission may extend the expiration date, without public hearing, an additional six (6) months, provided the property owner demonstrates good cause for the extension In addition, if the aforementioned building permit is timely issued, and the building permit subsequently expires and the subject development project is abandoned or discontinued for a period of six months, the Conditional Use shall be deemed expired and null and void, per Chapter 20 – Sec.20-36.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Conditional Use

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC Date: 5/13/2025

Mailing address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Project Name: Wawa At Winter Springs Marketplace

Property Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 1.21 Acres

Existing Use: Commercial

Conditional Use that is being requested? Wawa - Gas station/convenience store

How is the Conditional Use (density, height, scale and intensity, hours of operation, building and lighting design, setbacks, buffers, noise, refuse, odor, particulates, smoke, fumes and other emissions parking and traffic generating characteristics, number of persons anticipated using, residing or working under the conditional use, and other offsite impacts) compatible and harmonious with adjacent land uses?

See attached cover letter.

Will the Conditional Use adversely impact land use activities in the immediate vicinity? If no, why not?

See attached cover letter.

Demonstrate the size and shape of the site, the proposed access and internal circulation, and the design enhancements to be adequate to accommodate the proposed density, scale and intensity of the conditional use requested. The site shall be of sufficient size to accommodate design amenities such as screening, buffers, landscaping, open space, off-street parking, safe and convenient automobile, bicycle, and

pedestrian mobility at the site, and other similar site plan improvements needed to mitigate against potential adverse impacts of the proposed use.

See attached cover letter.

Will the proposed use have an adverse impact on the local economy, including governmental fiscal impact, employment, and property values? If no, why not?

See attached cover letter.

Will the proposed use have an adverse impact on natural environment, including air, water, and noise pollution, vegetation and wildlife, open space, noxious and desirable vegetation, and flood hazards? If no, why not?

See attached cover letter.

Will the proposed use have an adverse impact on historic, scenic and cultural resources, including views and vistas, and loss or degradation of cultural and historic resources? If no, why not?

See attached cover letter.

Will the proposed use have an adverse impact on public services, including water, sewer, stormwater and surface water management, police, fire, parks and recreation, streets, public transportation, marina and waterways, and bicycle and pedestrian facilities? If no, why not?

See attached cover letter.

Will the proposed use have an adverse impact on housing and social conditions, including a variety of housing unit types and prices, and neighborhood quality? If no, why not?

See attached cover letter.

Will the proposed use avoids significant adverse odor, emission, noise, glare, and vibration impacts on adjacent and surrounding lands regarding refuse collection, service delivery, parking and loading, signs,

lighting, and other sire elements? If no, why not?

See attached cover letter.

Demonstrate that the conditional use and associated site plan have been designed to incorporate mitigative techniques and plans needed to prevent adverse impacts addressed in the criteria stated herein or to adjacent and surrounding uses and properties.

See attached cover letter.

If the proposed conditional use is a residential use, whether the elementary, middle and high schools (K-12) that will be initially assigned to the residential project by the School District at the time the city commission considers final approval of the conditional use have both sufficient capacity, are in close proximity to the project so as to make each of the assigned schools accessible and convenient (e.g., walking distance, travel time, private and public transportation, and quality of route environment) to the majority of the school population that will be drawn from the project, and promote and support the integration of future residents of the project into the existing city of Winter Springs community in a sustainable manner.

See attached cover letter.

List all witnesses that the applicant intends to present to the City Commission to provide testimony:

Ryan Stahl, Cory Sitler, and Jonathan Martin

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:

Photos (if needed)

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing

REQUIRED DOCUMENTATION

X A complete Application and Fee

X A general description of the relief sought under this division

X A brief explanation, with applicable supporting competent substantial evidence and documents, as to why the application satisfies the relevant criteria set forth in this division

X A Legal Description accompanied by a certified survey or the portion of the map maintained by the Seminole County Property Appraiser reflecting the boundaries of the subject property (to scale).

X An acceptable security plan for the proposed establishment that addresses the safety and security needs of the establishment and its users and employees and minimizes impacts on the neighborhood.

___ An acceptable plan for the mass delivery of merchandise for new large footprint buildings (greater than 20,000 square feet) including the hours of operation for delivery trucks to come into and exit the property and surrounding neighborhood.

___ For all new commercial development and new residential subdivisions of ten (10) or more lots or existing commercial buildings being altered by 50 percent or greater of the original floor plan or seating capacity and requiring a modified site plan, or development agreements process under section 20-28.1 of the City Code, or as otherwise deemed applicable by the city to relevantly and competently examine an application for compliance with the city code and the affect and impact the proposed use will have on neighborhood and surrounding properties, applicants shall be required to submit with the following additional information referenced in Chapter 20 – Zoning Sec.20.29 Applications (7) – (11).

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Conditional Use

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for an Aesthetic Review for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 5/9/25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 36-20-30-502-0000-0090

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: Kristin Banks

My Commission Expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____

Drainage Calculations for
SJRWMD & City of Winter Springs

Winter Springs Marketplace

Winter Springs, FL

Prepared by:

Kimley-Horn and Associates, Inc.
Orlando, Florida
149170016

July 14, 2020
(Revised 11/03/2020)

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Kimley»Horn

Drainage Calculations for
SJRWMD & City of Winter Springs

Winter Springs Marketplace

Winter Springs, FL

Prepared for:

Tuscawilla Property Investors, LLC

Prepared by:

Kimley-Horn and Associates, Inc.
189 South Orange Avenue, Suite 1000
Orlando, Florida
CA 00000696
149170016

Marcus I. Geiger, P.E., State of Florida, Professional Engineer, License No. 89199

This item has been digitally signed and sealed by Marcus I. Geiger, P.E. on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Marcus I Geiger
DN: cn=Marcus I Geiger, c=US, o=KIMLEY-HORN AND ASSOCIATES, ou=A01410D00000172C79918990000F4E7, email=Marcus.Geiger@Kimley-Horn.com
Date: 2020.09.25 18:43:33 -04'00'

July 14, 2020
(Revised 11/03/2020)

Marcus I. Geiger, P.E.
FL P.E. # 89199

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1 SUMMARY

The Winter Springs Marketplace project is a 10.23-acre development located at the southwest corner of State Road 434 and Tuskawilla Road in Winter Springs, Florida (Sections 1 & 6, Township 21 South, Ranges 30 & 31 East). See **Appendix A** for the limits of the project site superimposed on a general location map, aerial imagery, the USGS Quad map, and Map No. 12117C0160F of the FEMA Flood Insurance Rate Map (FIRM), effective date September 28, 2007.

The proposed commercial property consists of six (6) commercial buildings and associated surface parking and utility infrastructure. The majority of the site is currently undeveloped and vacant. There is an existing abandoned building and surface parking lot located at the eastern corner of the site. The eastern portion of the site has been previously permitted through St. John's River Water Management District (SJRWMD) under Permit No. 83445-1 for the outfall to the drainage structure immediately south of the site's Tuskawilla Road driveway connection. The site has also been included in permitting for its outfall to the west under Permit No. 97490-1. Stormwater runoff from the proposed site will be managed via exfiltration trench and dry retention pond which drain into an onsite wet detention pond. These systems will meet or exceed all requirements of SJRWMD and the City of Winter Springs.

2 EXISTING CONDITIONS

The property is currently undeveloped and vacant. Per the FEMA FIRM located in **Appendix A**, the site is considered "Zone X – Area determined to be outside the 0.2% annual chance floodplain." Based on existing SJRWMD permitting and topographic data collected via survey, there is a high point ridge through the middle of the site. As a result, the site discharges to the east and west. SJRWMD Permit No. 83445-1 covers the existing allowable discharges to the east. SJRWMD Permit No. 97490-1 covers the allowable discharges from the site to the west.

2.1 SOILS

ECS Florida, LLA (ECS) has performed a geotechnical report for the proposed site. Please refer to the Preliminary Geotechnical Engineering Report prepared by ECS, dated November 15, 2018, which has been included in this application submittal, for details. The SCS Soil Survey for the proposed site can be found in **Appendix A** of the Drainage Calculations.

2.2 GROUNDWATER

The groundwater levels were investigated and determined by ECS and are included as part of their Geotechnical Report. Please refer to the Geotechnical Report prepared by ECS (dated November 15, 2018), which has been included with this submittal.

The table below summarizes the groundwater elevations obtained for each boring based on the provided geotechnical report by Terracon. Based on these results, Terracon estimates the seasonal high groundwater level to be at a depth ranging from 2.5 to 5 ft below existing grade across the site.

Table 1: Groundwater Elevations for Each Boring Location

Boring Label	Depth to Encountered Water Table (ft)	Boring Label	Depth to Encountered Water Table (ft)
B-1	4.5	**B-11**	5.5
B-2	5.0	**B-12**	5.5
B-3	3.5	**B-13**	4.0
B-4	4.5	**B-14**	5.0
B-5	5.5	**B-15**	5.0
B-6	5.0	**B-16**	5.0
B-7	4.0	**B-17**	4.5
B-8	4.5	**B-18**	4.5
B-9	5.5	**B-19**	4.0
B-10	5.5		

2.3 WETLANDS

There are no wetland impacts proposed for this project.

2.4 EXISTING DRAINAGE

Stormwater management systems are not provided for the currently undeveloped portion of the site. The Jesup's Reserve SJRWMD Permit (No. 97490-1) included the flows from the western portion of the site in their ultimate design of the 30" HDPE storm sewer trunk line. This 30" HDPE trunk line runs along the western site boundary and flows into wetlands located west of the site.

The Walgreens Drug Store #6575 SJRWMD Permit (No. 83445-1) determines the flows from the existing abandoned facility located at the eastern corner of the site. Flows from this portion of the site are captured within a dry retention pond within this abandoned parcel. The dry retention pond drains via a 150-ft 12" VPP discharge line to a drainage manhole just south of the abandoned parcel's driveway. Refer to the USGS Quad Map in addition to the pre-condition basin maps from each of these permits in ***Appendix A***.

2.4.1 BASINS

The property consists of two (2) basins. One basin drains west towards existing wetlands. The other basin drains east to the FDOT SR 434 right of way. Refer to Table 2 below for the pre-development basin summary and the Pre-Development Drainage Basin Map located in **Appendix A** for details.

Table 2: Pre-Development Basin Summary Table

	*Basin 100	**ONDICK
Drainage Basin Area (acres)	3.56	10.56
Total Impervious Area (acres)	0.82	1.27
% Impervious	23.0%	12.0%
Time of Conc., TC (min.)	38.5	82.0
Composite Curve Number, CN	60.3	61
Node	NODE 10	ONDICK

*This basin's data is based on SJRWMD Permit 83445-1

**This basin's data is based on SJRWMD Permit No. 97490-1

2.4.2 CN CALCULATIONS

The pre-development CN calculations utilized for the pre-development basins can be found in ***Appendix B***.

2.4.3 TIME OF CONCENTRATION

The time of concentration ('Tc') calculations utilized for the pre-development basins can be found in ***Appendix B***.

2.4.4 TAILWATER CONDITION

Tailwater conditions are based on the existing SJRWMD data provided in Permit No. 83445-1 previously permitted for the site. "Node 99" within this permit utilizes stages of 40 (NGVD) at hour Zero and 41 (NGVD) at hour 24. These values have been converted to NAVD using the 1.056-ft conversion factor for the area. See ***Appendix B*** for the associated permit data.

2.4.5 EXISTING DEVELOPMENT RUNOFF

The stormwater runoff from the pre-development basins is based on the existing SJRWMD data previously permitted for the site. Please refer to ***Appendix B*** for the historic permit data utilized to calculate pre-development flows for the site.

3 PROPOSED CONDITIONS

The 10.23-acre Winter Springs Marketplace project consists of six (6) commercial buildings and associated surface parking and utility infrastructure. The eastern corner of the project is reserved for future commercial usage. The stormwater runoff from the proposed site will be managed via exfiltration trench and dry pond which drain into an onsite wet detention pond to provide adequate water treatment (quality) and attenuation (quantity) volumes. The stormwater management system has been designed to meet or exceed the requirements of the City of Winter Springs and St. John's River Water Management District (SJRWMD).

3.1 REQUIRED PERMITS AND REVIEWS

- City of Winter Springs, FL
- St. John's River Water Management District (SJRWMD)

3.2 BASINS

Proposed conditions will divide onsite basins into sub basins for each of the exfiltration trenches throughout the site. The back of the site along Natures Way (Basin A) will drain into the dry retention pond at the back of the site. The wet detention pond at the front of the site along Tuskawilla Road sits within its own basin (Basin B). All onsite basins ultimately drain through this basin before draining offsite.

The remaining basins consist of the onsite exfiltration trench throughout the site. The delineation between each of the exfiltration trench basins (Basins C through G) are based on the surface grading which determines the greatest areas generating runoff to each system. Basin C includes the future commercial parcel which is assumed to have 80% impervious area. Basins H through J are the parking areas at the center of the site which must first drain into retention swales before draining into the exfiltration trenches. Table 3 below provides an on-site post-development basin summary. See **Appendix A** for the Post-Development Drainage Basin Map.

Table 3: Proposed Post-Development Basin Summary Table

	Basin A	Basin B	Basin C	Basin D	Basin E
Drainage Basin Area (acres)	0.83	1.12	2.97	0.88	0.49
***Total Impervious Area (acres)**	0.42	0.31	2.58	0.68	0.38
% Impervious	50.6%	27.7%	86.7%	77.3%	77.6%
Time of Conc., TC (min.)	10	10	10	10	10
Composite Curve Number, CN	68.6	73.5	90.1	84.5	84.6
Node	SMA-A.1	SMA-B	SMA-C	SMA-D	SMA-E

*Any wet pond water surface area not included in this figure.

	Basin F	Basin G.1	Basin G.2	Basin H	Basin I	Basin J
Drainage Basin Area (acres)	0.95	0.67	0.56	0.79	0.44	0.53
***Total Impervious Area (acres)**	0.67	0.67	0.56	0.54	0.34	0.45
% Impervious	70.5%	100%	100%	68.3%	77.3%	84.9%
Time of Conc., TC (min.)	10	15	15	10	10	10
Composite Curve Number, CN	80.2	98.0	98.0	79.1	84.8	89.5
Node	SMA-F	SMA-A.2	SMA-B	SWALE-1	SWALE-2	SWALE-3

*Any wet pond water surface area not included in this figure.

3.2.1 CN CALCULATIONS

The CN calculations for the post-development conditions can be found in ***Appendix C***.

3.2.2 TIME OF CONCENTRATION

The time of concentration ('Tc') calculations for the post-development drainage basins was determined to be the minimum of 10 minutes. Please refer to the Post-Development Drainage Basin Map in **Appendix A**.

3.2.3 SEASONAL HIGH WATER TABLE AND CONTROL ELEVATIONS

Seasonal High Water Table (SHWT) elevations were determined using the Geotechnical Report provided by ECS, which has been included with this submittal for details. Based on the provided ECS Report, the estimated seasonal high water table elevation occurs within 2.5 to 5-ft below existing grade.

3.3 STORMWATER MANAGEMENT

Stormwater runoff for the proposed Winter Springs Marketplace property will be treated and attenuated through the use of off-line exfiltration trenches and a dry pond along with a wet detention pond which ultimately receives all on site flows prior to discharging. Runoff from the on-site post-development basins will sheet flow into the proposed inlets which will route flows to the exfiltration trenches and dry retention ponds. See **Appendix C** for the exfiltration trench, dry retention pond, and wet detention pond calculations.

Dry retention pond SMA-A will utilize a Type D control structure to route flows to wet detention pond SMA-B. Wet retention pond SMA-B will utilize Type E boxes to discharge to the offsite outfalls. The exfiltration trenches will utilize a diversion box near pond SMA-B along with weir structures to intermediate manholes to outfall to the wet detention pond. The parking lot swales utilize Type D boxes with elevated tops to convey flows from the swales to the exfiltration trenches. See Table 4 below for a summary of the controls structures proposed for the site.

Table 4: Control Structure Design for the Proposed Ponds

Post-Development Node	Weir Dimensions	Weir Elevation (ft.)	Top Elevation (ft.)	Structure Type
SMA-A (Combined)	5-ft Wide Rectangular	45.60	46.00	Type-D Inlet
SMA-B (To West Outfall)	N/A	N/A	44.50	Type-E Inlet
	1.4-ft Wide Rectangular	43.00	44.5	Sharp Crested Vertical Weir Within Control Structure
	3-in Circular	40.50	N/A	Circular Orifice
SMA-B (To East Outfall)	N/A	N/A	44.50	Type-E Inlet
	0.5-ft Wide Rectangular	43.35	44.5	Sharp Crested Vertical Weir Within Control Structure
SMA-C	8.75-ft Wide Rectangular	43.33	44.94	Diversion Structure Built into Type-H 4-Grate Inlet
	18-in Circular	43.33	N/A	*18-in CMP Connection to Secondary Outfall Trunk Line
SMA-D	18-in Circular (2)	43.66	N/A	*18-in CMP Connection to Secondary Outfall Trunk Line
SMA-E	18-in Circular	43.06	N/A	*18-in CMP Connection to Secondary Outfall Trunk Line
SMA-F	18-in Circular (2)	43.00	N/A	*18-in CMP Connection to Secondary Outfall Trunk Line
SMA-G	18-in Circular (2)	43.33	N/A	*18-in CMP Connection to Secondary Outfall Trunk Line
SMA-H	N/A	N/A	45.25	Type-D Inlet
SMA-I	N/A	N/A	45.25	Type-D Inlet
SMA-J	N/A	N/A	45.25	Type-D Inlet

*The secondary outfalls within the exfiltration trenches are 18-inch CMP which tie into the bottom elevation of each trench system at 42.0-ft and connect to the secondary outfall manhole at their associated weir elevations.

3.3.1 TAILWATER CONDITIONS

The tailwater conditions for the post-development condition are the same as the pre-development condition. Please refer to Section 2.4.4.

3.3.2 WATER QUALITY (TREATMENT VOLUME)

Offline exfiltration trenches, dry retention ponds, and dry retention swales interconnected with a wet detention pond are utilized as the Best Management Practice (BMP) to reduce the discharge of pollutants associated with stormwater runoff. Due to the site's ultimate discharge to Lake Jessup, the volume required for the removal of phosphorous is a third criteria used in finding the required water quality volume. The following standards were utilized for the treatment volume requirements for off-line exfiltration trenches.

The greater of:

0.5 inch of runoff over the site (SJRWMD)

OR

1.25 inches of runoff over the impervious area (SJRWMD)

OR

Inches of runoff over basin area provided in BMPTrains analysis (SJRWMD)

Table 5: Dry Retention Pond Treatment Volume Required vs. Provided

Drainage Area	Drainage Area (acres)	*Imp. Area (acres)	Required TV						Provided TV
			0.5" Over Site	1.25" Over Impervious Area	Add'l 0.5" Over Site	Pres. Criteria Volume Req.	TV Required for Nutrient Removal	Total Required	
SMA-A	1.49	1.08	0.06 ac-ft	0.11 ac-ft	0.06 ac-ft	0.17 ac-ft	0.14 ac-ft	0.17 ac-ft	0.21 ac-ft
SMA C	2.97	2.58	0.12 ac-ft	0.27 ac-ft	0.12 ac-ft	0.39 ac-ft	0.35 ac-ft	0.39 ac-ft	**0.35 ac-ft
SMA D	0.88	0.68	0.04 ac-ft	0.07 ac-ft	0.04 ac-ft	0.11 ac-ft	0.11 ac-ft	0.11 ac-ft	0.11 ac-ft
SMA E	0.49	0.38	0.02 ac-ft	0.04 ac-ft	0.02 ac-ft	0.06 ac-ft	0.09 ac-ft	0.09 ac-ft	0.09 ac-ft
SMA F	0.95	0.67	0.04 ac-ft	0.07 ac-ft	0.04 ac-ft	0.11 ac-ft	0.11 ac-ft	0.11 ac-ft	0.11 ac-ft
SMA G	1.76	1.33	0.07 ac-ft	0.14 ac-ft	0.07 ac-ft	0.21 ac-ft	N/A	0.21 ac-ft	0.40 ac-ft
BASIN H	0.79	0.54	0.03 ac-ft	0.06 ac-ft	0.03 ac-ft	0.09 ac-ft	0.06 ac-ft	0.09 ac-ft	***0.06 ac-ft
BASIN I	0.44	0.34	0.02 ac-ft	0.04 ac-ft	0.02 ac-ft	0.06 ac-ft	0.06 ac-ft	0.08 ac-ft	***0.06 ac-ft
BASIN J	0.53	0.45	0.02 ac-ft	0.05 ac-ft	0.02 ac-ft	0.07 ac-ft	0.02 ac-ft	0.07 ac-ft	***0.02 ac-ft
							Total:	**1.21 ac-ft**	**1.315 ac-ft**

***** Impervious area does not include pond surface area.

****** Remainder of required volume is provided within interconnected exfiltration system SMA-G.

******* This system holds volume for nutrient removal pretreatment. Treatment volume in accordance with SJRWMD Applicant's Handbook (Vol. 2) Section 8.2 is provided within SMA-G.
******** SMA-G provides additional nutrient removal pre-treatment volume and attenuation. Basins flowing through this system have previously met nutrient removal criteria. The additional volume provided within this system assists interconnected SMA-C, H, I, & J in meeting presumptive criteria treatment volume.

The following standards were utilized for the treatment volume associated with incidental areas draining to interconnected wet ponds A and B.

The greater of:

1.0 inch of runoff over the site (SJRWMD)
OR
2.5 inches of runoff over the impervious area (SJRWMD)

Table 6: ***Wet Detention Pond Treatment Volume Required vs. Provided***

Drainage Area	Drainage Area (acres)	*Imp. Area (acres)	Required TV			Provided TV
			1.0" Over Site	2.5" Over Impervious Area	Total Required	
SMA B	1.68	0.87	0.14 ac-ft	0.18 ac-ft	0.18 ac-ft	1.02 ac-ft

*Impervious area does not include pond surface area.

** SMA B provides treatment for Basins B & G.2 in accordance with Section 8.2 of the SJRWMD Applicant's Handbook (Vol. 2).

As shown in the Tables 5 & 6 above, the provided Treatment Volume is greater than the required Treatment Volume per SJRWMD criteria. Please see **Appendix C** for treatment volume calculations.

3.3.3 WATER QUALITY VOLUME RECOVERY (BLEED DOWN)

Per SJRWMD criteria, the dry retention areas are required to provide the capacity for the appropriate treatment volume within 72-hours following a storm event. The wet pond is required to drawdown one-half of its required treatment volume within 24 to 30 hours following a storm event, but no more than half in the first 24 hours. Refer to the tables below for summary of permeability constants used with the exfiltration drawdown analysis.

Table 7: Design Permeability Rates

K (Horizontal) ft/day	K (Vertical) ft/day
51	17*

**Value includes safety factor of 2*

Recovery time was determined utilizing Advanced Interconnected Channel & Pond Routing (ICPR Ver. 4.04.00). As designed, the proposed dry retention ponds will drawdown the required water quality volume in less than 72 hours. The wet ponds will drawdown the volume within the 24 to 30 hour period provided in SJRWMD criteria. See **Appendix E** for supporting recovery analysis and results.

3.3.4 PROPOSED DEVELOPMENT RUNOFF

The stormwater runoff from the post-development basins was determined using Advanced Interconnected Channel & Pond Routing (ICPR Ver. 4.04.00) by Streamline Technologies, Inc. Please refer to ***Appendix A*** for the nodal exhibit and ***Appendix D*** for the input report and summary of results.

Please refer to the table below for a summary of the pre- vs. post- development peak discharge rates (Q) and the resulting maximum stage within the proposed BMP.

Table 8: Runoff Analysis

Storm Event	Tuskawilla Outfall (EAST) Q_{max} (CFS)		Wetland Outfall (WEST) Q_{max} (CFS)	
	Pre	Post	Pre	Post
25yr-24hr	3.01	0.57	28.14	25.46

Table 9: Proposed Max Stages

Storm Event	SMA-A.1 Max Stage (ft.) (NAVD)	SMA-A.2 Max Stage (ft.) (NAVD)	SMA-B Max Stage (ft.) (NAVD)	SMA-C Max Stage (ft.) (NAVD)	SMA-D Max Stage (ft.) (NAVD)	SMA-E Max Stage (ft.) (NAVD)
Mean Annual	45.67	45.67	41.70	43.39	43.84	43.13
10yr-24hr	46.01	46.06	43.66	43.85	44.34	43.68
25yr-24hr	46.05	46.11	43.85	43.97	44.40	43.88
100yr-24hr	46.11	46.24	44.46	44.63	44.61	44.63
Top of Bank/Trench	46.50	46.50	45.00	44.63	44.30	44.25

Storm Event	SMA-F Max Stage (ft.) (NAVD)	SMA-G Max Stage (ft.) (NAVD)	SWALE 1 Max Stage (ft.) (NAVD)	SWALE 2 Max Stage (ft.) (NAVD)	SWALE 3 Max Stage (ft.) (NAVD)
Mean Annual	43.07	43.39	45.29	45.26	45.30
10yr-24hr	43.69	43.88	45.35	45.32	45.34
25yr-24hr	43.89	44.00	45.36	45.33	45.34
100yr-24hr	44.63	44.64	45.38	45.34	45.36
Top of Bank/Trench	44.65	44.52	45.35	45.35	45.35

3.3.5 MINIMUM BUILDING FINISHED FLOORS (100-YEAR STORM EVENTS)

As required by SJRWMD ERP Applicants Handbook (Volume II), all building finished floor elevations must be designed to be above the pond design high elevation of the 100 year storm event. Please refer to Table 7 below for a summary of the design high water elevations for the 100-year storm events.

As demonstrated, all building finished floor elevations are established above the recommended elevations.

Table 10: Minimum Building Finished Floors (100yr Storm Event)

	100yr-24hr Max. Stage	Min. Allowed Finished Floor El. (ft.) (NAVD)		100yr-24hr Max. Stage	Min. Allowed Finished Floor El. (ft.) (NAVD)
SMA A.1	46.11	46.30	**SMA F**	44.63	46.30
SMA A.2	46.24		**SMA G**	44.64	
SMA B	44.46		**SWALE 1**	45.38	
SMA C	44.63		**SWALE 2**	45.34	
SMA D	44.61		**SWALE 3**	45.36	
SMA E	44.63				

3.4 NUTRIENT LOADING ANALYSIS

A nutrient loading analysis was performed to provide a pre- versus post- nutrient loading analysis to show that the proposed development does not add to the impairment of the receiving water body by increasing the post-development nitrogen and phosphorus annual mass loading.

The requirements dictated by SJRWMD are that the post-development nutrient loading rate will not be greater than the pre-development loading rate. The proposed stormwater systems utilize a combination of exfiltration trench, dry retention pond, and dry retention swales in series with a wet detention pond to treat and attenuate post-development runoff.

The resulting PRE-development annual mass loading rates were calculated to be:

	Pre-Development Nitrogen Loading Rate (kg/year)	Pre-Development Phosphorous Loading Rate (kg/year)		Pre-Development Nitrogen Loading Rate (kg/year)	Pre-Development Phosphorous Loading Rate (kg/year)
BASIN A & G.1	0.176	0.058	**BASIN F**	0.565	0.188
BASIN B	0.062	0.021	**BASIN G.2**	0.019	0.006
BASIN C	3.134	1.041	**BASIN H**	0.470	0.156
BASIN D	0.521	0.173	**BASIN I**	0.145	0.048
BASIN E	0.224	0.074	**BASIN J**	0.018	0.006

The resulting POST-development annual mass loading rates were calculated to be:

	Post-Development Nitrogen Loading Rate (kg/year)	Post-Development Phosphorous Loading Rate (kg/year)		Post-Development Nitrogen Loading Rate (kg/year)	Post-Development Phosphorous Loading Rate (kg/year)
BASIN A & G.1	5.096	0.848	**BASIN F**	3.161	0.526
BASIN B	1.036	0.172	**BASIN G.2**	2.632	0.438
BASIN C	12.149	2.021	**BASIN H**	2.547	0.424
BASIN D	3.206	0.533	**BASIN I**	1.603	0.267
BASIN E	1.790	0.298	**BASIN J**	2.119	0.352

Based on the pre- vs. post- development loading rates, the treatment systems have been sequenced in the following order to provide the removal efficiencies needed.

BMPTrains System Routing						
Catchment 8 (SWALE 1)	↘	Catchment 3 (SMA-C)	↘			
Catchment 9 (SWALE 2)	→	Catchment 7 (SMA-G)	↘			
Catchment 10 (SWALE 3)	↗	Catchment 4 (SMA-D)	→	Catchment 2 (SMA-B)	→	OUTLET
		Catchment 5 (SMA-E)	↗			
		Catchment 6 (SMA-F)	↗			
				Catchment 1 (SMA-A.1 & A.2)	→	OUTLET

As shown in the table above, Basin A drains into Basin B's wet detention for further nutrient removal. Basin C through Basin G route through Basin B's wet detention pond for further nutrient removal. Basin H through Basin J pass through Basin G and Basin B for additional nutrient removal. See ***Appendix C*** for the removal efficiencies of each of the individual systems. The summary report within ***Appendix C*** provides the overall removal efficiency of the site given the sequence in which drainage must flow before it is discharged from the site. The table below provides the summary of the sites overall removal efficiency.

	Nitrogen Loading Rate (kg/year)	Nitrogen Removal Efficiency (%)	Phosphorous Loading Rate (kg/year)	Phosphorous Removal Efficiency (%)
Target	5.33	85%	1.771	70%
Provided	4.59	87%	0.472	92%

As designed, the proposed BMPs provide sufficient removal of the resulting post-development nitrogen and phosphorus nutrient loading. Please refer to Appendix C for the loading calculations, per BMP Trains 2020 Ver. 2.1.

3.5 CONCLUSION

This Drainage Analysis demonstrates the proposed improvements and design of the proposed stormwater management system(s) meet or exceeds all the requirements of the St. John's River Water Management District (SJRWMD) and the City of Winter Springs.

APPENDICES

FIGURES..... APPENDIX A

Figure 1 Aerial Photograph
Figure 2 General Location Map
Figure 3 SCS soil survey
Figure 4 USGS Quad Map
Figure 5 FEMA F.I.R.M.
Figure 6 Pre-Development Basin Node Map
Figure 7 Post-Development Basin Node Map

PRE-DEVELOPMENT DRAINAGE CALCULATIONS AND ICPR ANALYSIS..... APPENDIX B

POST-DEVELOPMENT DRAINAGE CALCULATIONS ..... APPENDIX C

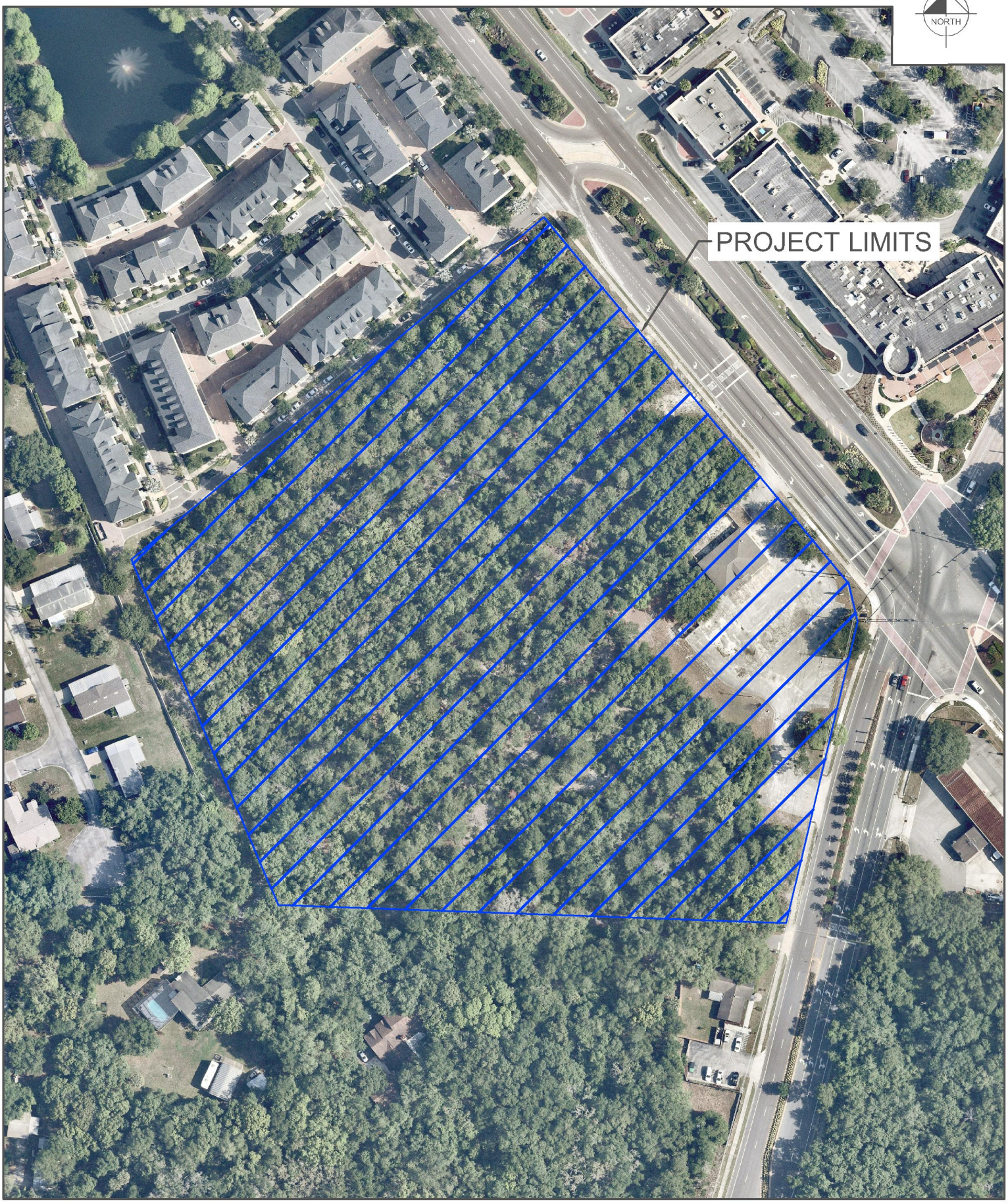
POST-DEVELOPMENT ICPR ANALYSIS..... APPENDIX D

WET & DRY POND RECOVERY ANALYSIS..... APPENDIX E

APPENDIX A

FIGURES

Aerial Photograph
General Location Map
SCS soil survey
USGS Quad Map
FEMA F.I.R.M.
Pre-Development Basin Node Map
Post-Development Basin Node Map



EX-1

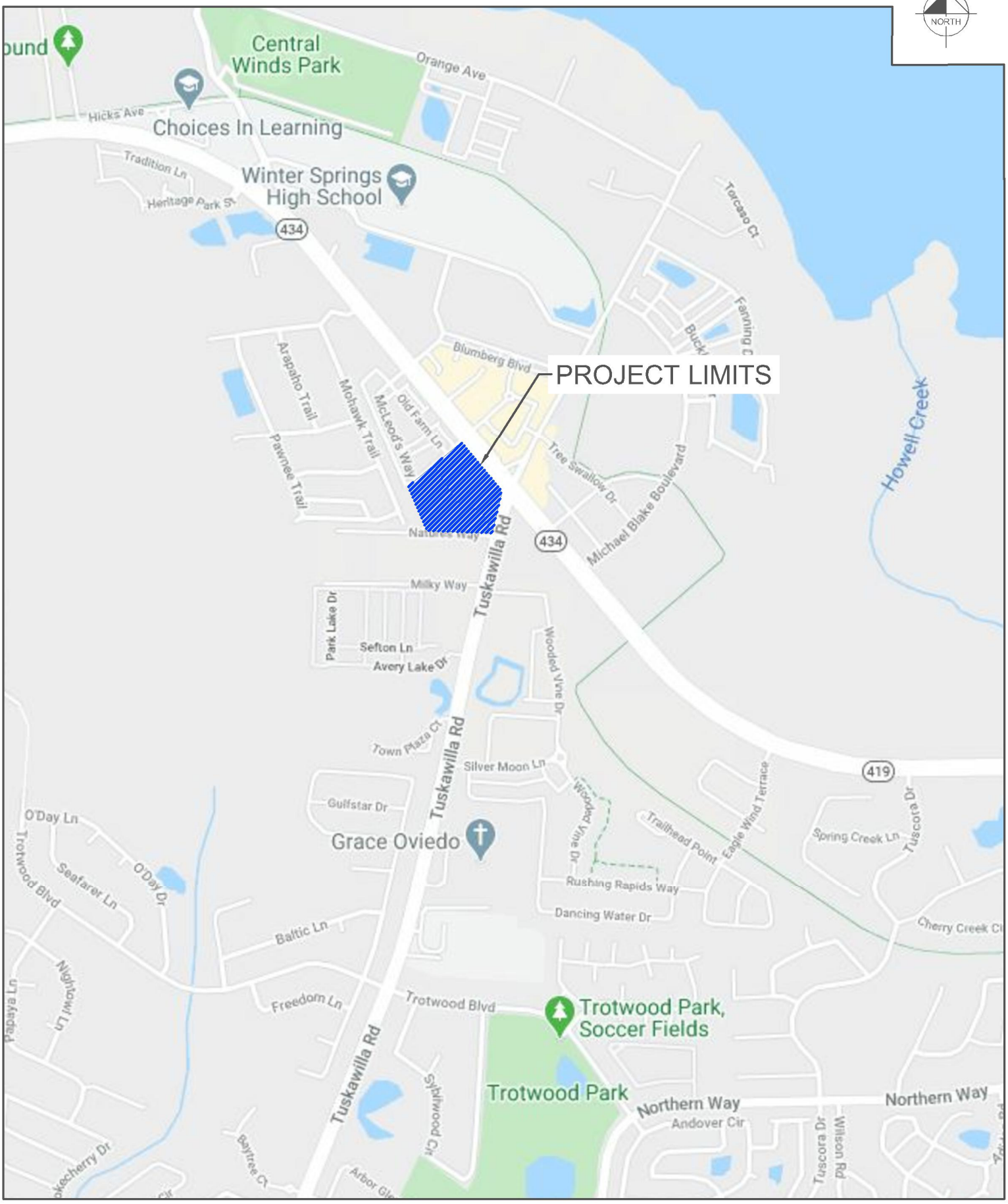
WINTER SPRINGS MARKETPLACE

CITY OF WINTER SPRINGS, FL

LOCATION MAP

Kimley»Horn

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K:\ORL_Civil\149170016-Winter Springs Marketplace\CADD\EXHIBITS\DRAINAGE REPORT EXHIBITS.dwg

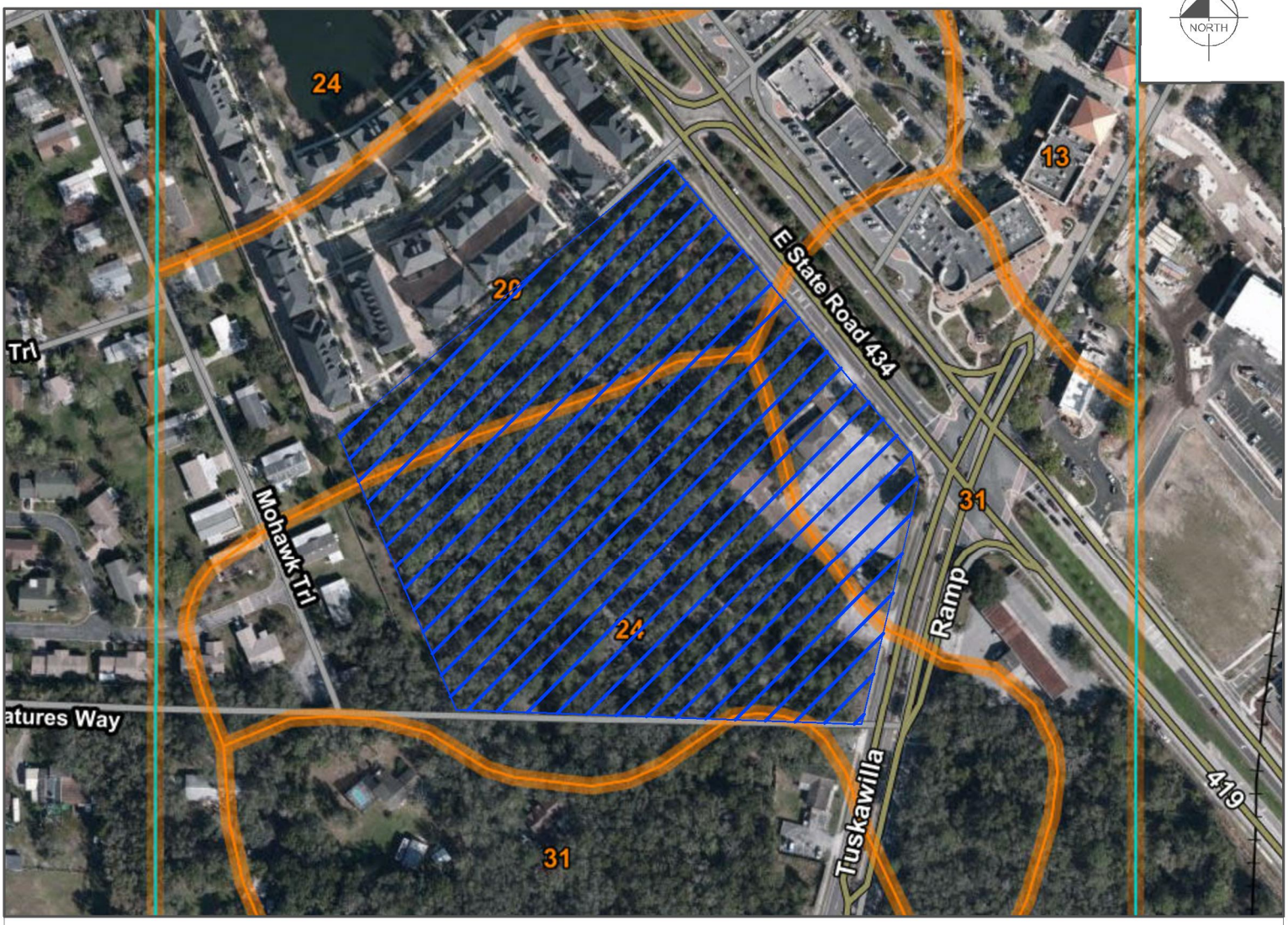
EX-2

WINTER SPRINGS MARKETPLACE

CITY OF WINTER SPRINGS, FL

LOCATION MAP

Kimley»Horn



RUSLE2 Related Attributes–Seminole County, Florida								
Map symbol and soil name	Pct. of map unit	Slope length (ft)	Hydrologic group	Kf	T factor	Representative value		
						% Sand	% Silt	% Clay
20—Myakka and EauGallie fine sands								
Myakka	58	151	A/D	.02	5	97.0	1.0	2.0
EauGallie	32	151	A/D	.02	5	97.0	1.0	2.0
24—Paola-St. Lucie sands, 0 to 5 percent slopes								
Paola	52	151	A	.02	5	98.0	1.0	1.0
St. Lucie	43	151	A	.02	5	99.0	0.5	0.5
31—Tavares-Millhopper complex, 0 to 5 percent slopes								
Tavares	63	151	A	.05	5	97.0	1.0	2.0
Millhopper	32	151	A	.05	5	94.0	1.0	5.0

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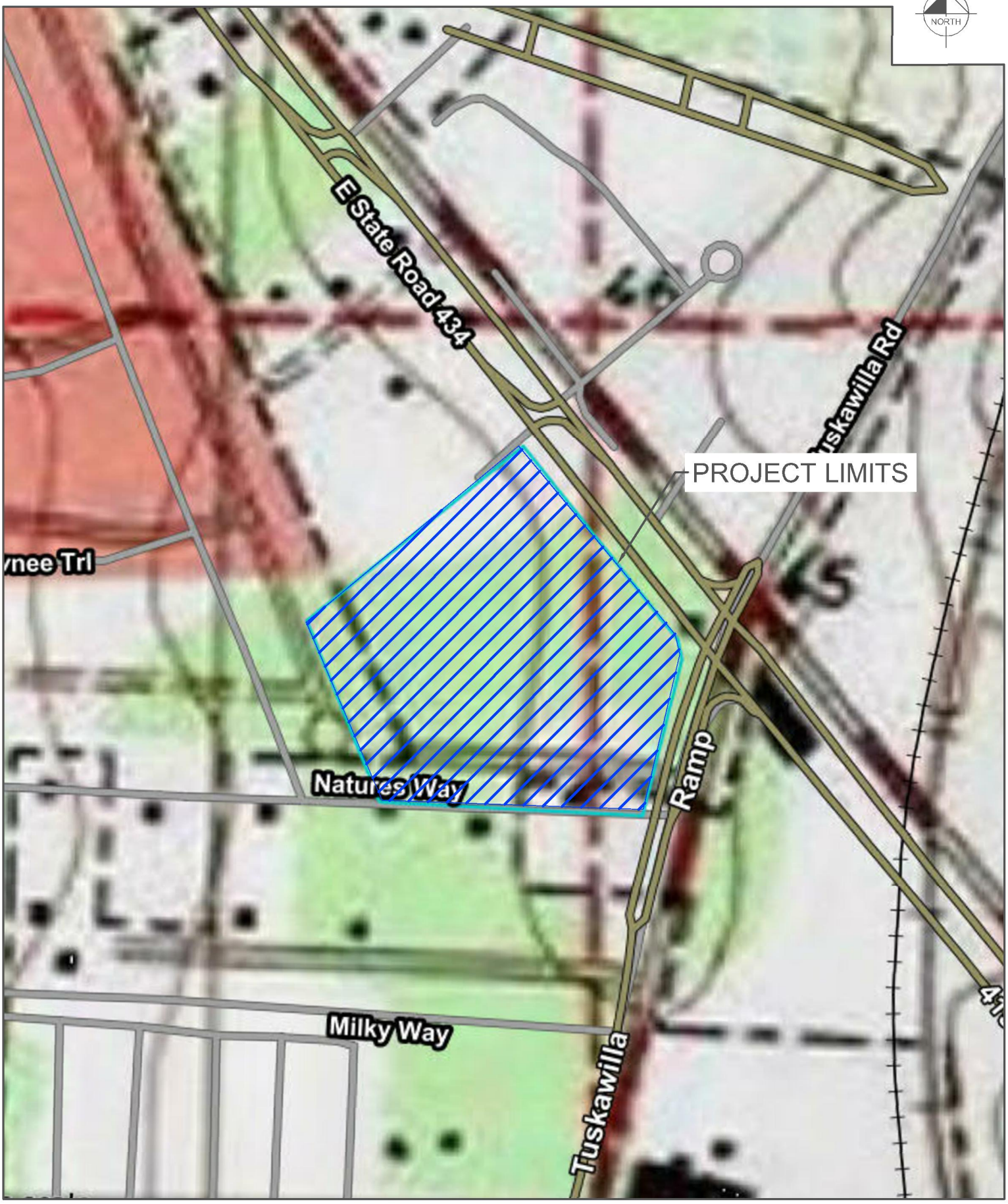
EX-3

WINTER SPRINGS MARKETPLACE

CITY OF WINTER SPRINGS, FL

SOILS MAP

Kimley»Horn



EX-4

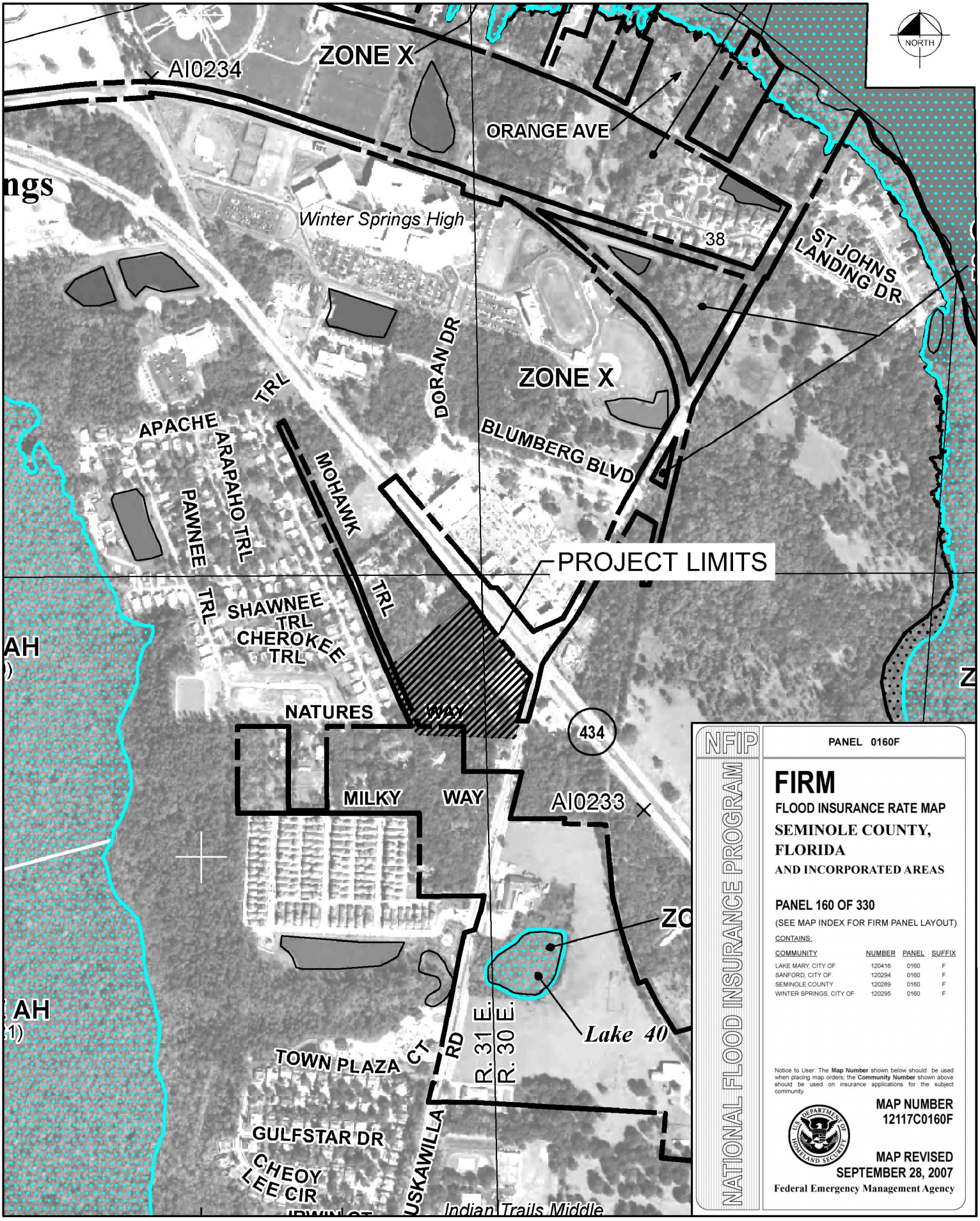
WINTER SPRINGS MARKETPLACE

CITY OF WINTER SPRINGS, FL

USGS QUAD MAP

Kimley»Horn

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EX-5

WINTER SPRINGS MARKETPLACE

CITY OF WINTER SPRINGS, FL

FEMA F.I.R.M. MAP

Kimley»Horn

PLAT OF SURVEY

ALTA/ACSM LAND TITLE SURVEY

LEGEND

BB – BOTTOM OF BANK
BC – BACK OF CURB
(symbol) – BACKFLOW PREVENTER
BM – BENCHMARK
BPC – BURIED POWER CABLE
CALC – CALCULATED
C&M – CALCULATED & MEASURED
Δ – CENTRAL ANGLE
CBW – CONCRETE BLOCK WALL
CF – CONCRETE FLUME
CHW – CONCRETE HEAD WALL
CLF – CHAIN LINK FENCE
℄ – CENTERLINE
CM – CONCRETE MONUMENT
CMP – CORRUGATED METAL PIPE
CO – CLEAN OUT
CONC – CONCRETE
COVD – COVERED
CP – CONCRETE PAD
CPP – CORRUGATED PLASTIC PIPE
CW – CONCRETE WALKWAY
D&M – DEED/DESC & MEASURED
DE – DRAINAGE EASEMENT
DESC – DESCRIPTION
(symbol) – DUMPSTER
DW – DRIVEWAY
(EM) – ELECTRIC METER
EB – ELECTRICAL BOX
ESMT – EASEMENT
E/P – EDGE OF PAVEMENT
FIRM – FLOOD INSURANCE RATE MAP
FFE – FINISHED FLOOR ELEVATION
FH – FIRE HYDRANT
FL – FLOW LINE
FND – FOUND
-G- – GAS LINE
(GM) – GAS METER
(symbol) – GUY WIRE ANCHOR
(symbol) – HANDICAP PARKING
HR – HANDICAP RAMP
INV – INVERT ELEVATION
IP – IRON PIPE
IR – IRON ROD
L – ARC LENGTH
(symbol) – LIGHT POLE
LSA – LANDSCAPED AREA
MEAS – MEASURED
(symbol) – MITERED END SECTION
(symbol) – MONITORING WELL
N&D – NAIL & DISK
NTS – NOT TO SCALE
OHE – OVERHEAD ELECTRIC
OL – ON LINE
ORB – OFFICIAL RECORDS BOOK
PC – POINT OF CURVATURE
PEP – PER ENGINEERING PLANS
PG – PAGE
PI – POINT OF INTERSECTION
POB – POINT OF BEGINNING
POC – POINT OF COMMENCEMENT
PP – POWER POLE
PS – PARKING SPACES
PT – POINT OF TANGENCY
PVC – PLASTIC PIPE
R – CURVE RADIUS
RCP – REINFORCED CONCRETE PIPE
R/W – RIGHT OF WAY
(symbol) – SANITARY MANHOLE
SAN – SANITARY LINE
SN – SIGN
00.00 – SPOT ELEVATION
-SD- – STORM/DRAIN LINE
(symbol) – STORM MANHOLE
(T) – TRANSFORMER
(symbol) – STORM INLET
TB – TOP OF BANK
TP – TRAFFIC POLE
(symbol) – TRAFFIC SIGN
TR – TELEPHONE RISER
TSB – TRAFFIC SIGNAL BOX
TSW – TRAFFIC SIGNAL WIRE
TV – CABLE TV RISER
TYP – TYPICAL
UE – UTILITY EASEMENT
UNTL – UNDERGROUND TELEPHONE
-W- – WATER LINE
WF – WOOD FENCE
(symbol) – WATER METER
(symbol) – WATER VALVE
– NUMBER
(#) – EASEMENT NUMBER

INVERTS

DOT INLET A
TOP = 45.88'
W INV (6" CPP) = 42.55'
NE INV (18" RCP) = 39.20'

DOT INLET B
TOP = 45.06'
NW INV (6" CPP) = 41.29'
NE INV (18" RCP) = 39.09'

INLET C
TOP = 44.64'
SW INV (18" RCP) = 39.04'

MANHOLE D
TOP = 43.36'
NW INV (18" RCP) = 38.43'
NE INV (18" RCP) = 38.72'
SW INV (18" RCP) = 38.55'

MANHOLE E
TOP = 43.26'
NE INV (18" RCP) = 38.88'
NW INV (18" RCP) = 39.01'

INLET F
TOP = 42.99'
SE INV (18" RCP) = 39.37'

INLET G
TOP = 44.86'
NE INV (12" CPP) = 42.33'
SE INV (18" RCP) = 40.61'
SW INV (18" RCP) = 40.71'

CONTROL STRUCTURE H **REACH #1**
TOP = 44.77'
NE INV (12" CPP) = 42.82'
NW INV (12" CPP) = 41.87'
WEIR = 44.36'

INLET I
TOP = 44.14'
W INV (2-12" CPP) = 41.99'

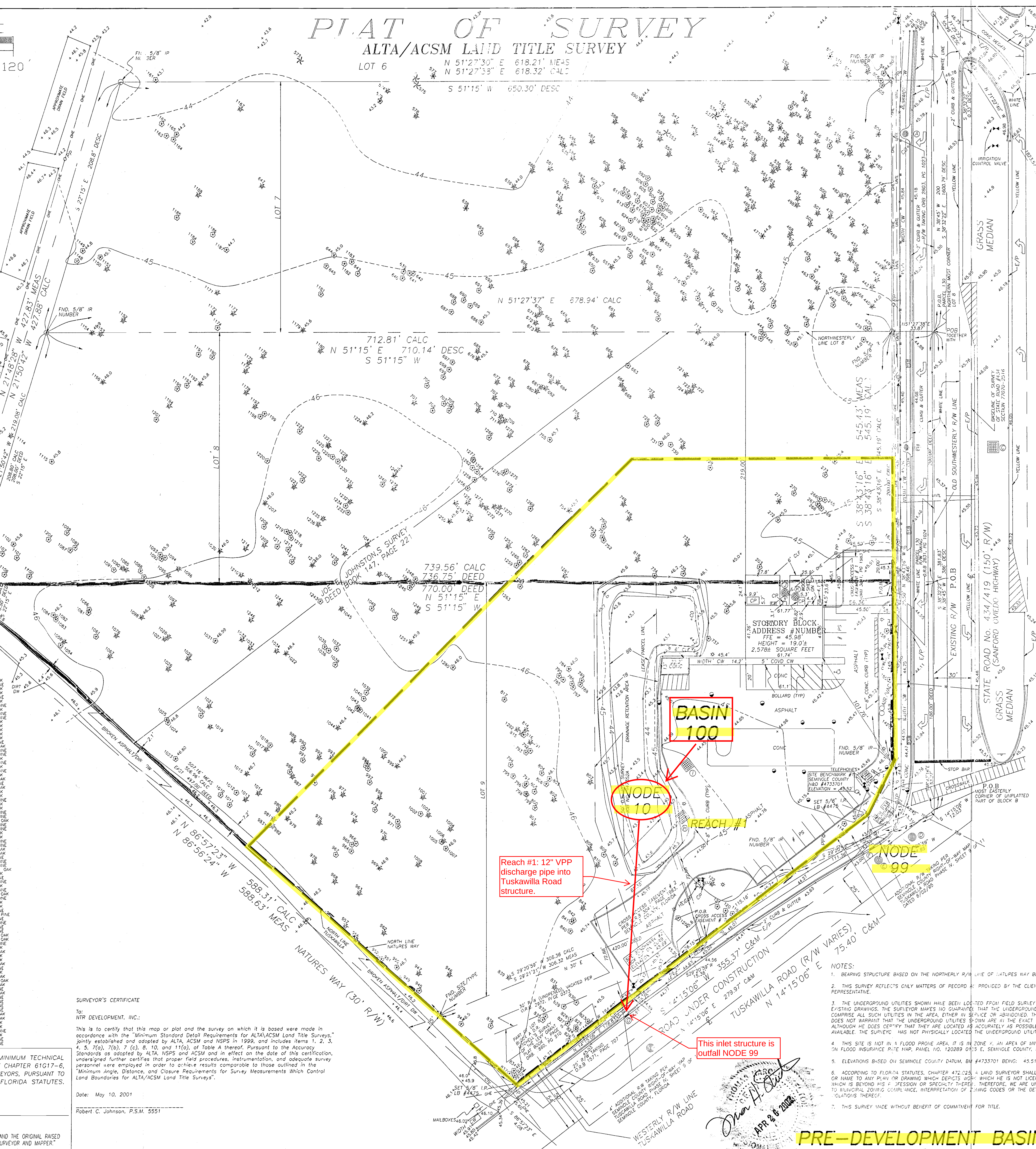
GREASE TRAP J
TOP = 45.49'
E INV (4" PVC) = 44.04'

GREASE TRAP K
TOP = 45.59'
W INV (4" PVC) = 44.00'

GRAPHIC SCALE

0' 20' 40' 80' 120'

1" = 40'



LINE CHART

L1 S 12°13'40" E 44.87' C&M

TREE CHART

114 –	12" OAK
119 –	13" OAK
120 –	14" OAK
121 –	12" OAK
122 –	10" PINE
125 –	18" OAK
141 –	8" OAK
142 –	24" OAK
155 –	6" OAK
158 –	7" OAK
167 –	7" OAK
168 –	8" OAK
169 –	10" OAK
203 –	48" OAK
265 –	6" OAK
266 –	11" OAK
267 –	6" OAK
268 –	16" OAK
269 –	16" OAK
270 –	30" OAK
271 –	11" PALM
272 –	13" OAK
273 –	24" OAK
274 –	34" OAK
437 –	6" OAK
438 –	15" OAK
439 –	10" OAK
440 –	12" PINE
441 –	6" PINE
442 –	8" PINE
443 –	23" PINE
444 –	8" OAK
445 –	12" OAK
446 –	6" OAK
447 –	7" PINE
448 –	13" PINE
449 –	13" PINE
450 –	7" OAK
451 –	12" PINE
452 –	10" OAK
453 –	6" OAK
454 –	10" PINE
455 –	11" PINE
456 –	13" OAK
457 –	10" PINE
458 –	13" PINE
459 –	8" PINE
460 –	7" PINE
461 –	24" PINE
462 –	7" OAK
463 –	10" OAK
464 –	10" OAK
465 –	10" OAK
466 –	12" PINE
467 –	8" PINE
468 –	6" PINE
469 –	6" PINE
470 –	22" PINE
471 –	15" PALM
472 –	18" PINE
473 –	18" PINE
474 –	16" PINE
475 –	12" PINE
476 –	7" OAK
477 –	12" PINE
478 –	10" PINE
479 –	6" OAK
480 –	6" PINE
481 –	13" PINE
482 –	16" PINE
483 –	15" PALM
484 –	8" PINE
485 –	11" PINE
486 –	15" PALM
487 –	13" PINE
488 –	12" PINE
489 –	12" PINE
490 –	12" PINE
491 –	12" PINE
493 –	8" PINE
495 –	10" OAK
496 –	15" PINE
497 –	15" PINE
498 –	8" PINE
499 –	30" PALM
500 –	10" PINE

501 –	8" PINE
502 –	13" PINE
504 –	15" PALM
505 –	7" OAK
506 –	7" OAK
507 –	20" PINE
509 –	7" PINE
510 –	6" PINE
511 –	7" OAK
512 –	24" OAK
513 –	20" PINE
514 –	15" PINE
515 –	15" PINE
516 –	15" PINE
517 –	15" PALM
518 –	12" PINE
524 –	10" PINE
525 –	18" PINE
526 –	6" CAMPHOR
527 –	13" PALM
528 –	6" PINE
529 –	6" PINE
530 –	16" PINE
531 –	6" PINE
532 –	18" PALM
533 –	18" PINE
534 –	20" PINE
535 –	20" PINE
536 –	15" PINE
537 –	6" MAPLE
540 –	12" PINE
541 –	10" PINE
542 –	13" PINE
543 –	11" PINE
544 –	14" PINE
545 –	15" PINE
546 –	15" PINE
547 –	18" PINE
548 –	14" PINE
552 –	14" PINE
553 –	2-9" MAPLE
554 –	14" PINE
555 –	15" PINE
556 –	6" MAPLE
557 –	12" PINE
558 –	6" PINE
559 –	13" PINE
560 –	14" PINE
561 –	7" PINE
562 –	14" PINE
563 –	13" PINE
564 –	15" PINE
565 –	6" PINE
566 –	6" PINE
567 –	16" PINE
573 –	10" MAPLE
574 –	10" PINE
575 –	9" MAPLE
576 –	16" MAPLE
577 –	12" PALM
578 –	9" PINE
579 –	9" SYCAMORE
580 –	25" PINE
581 –	9" PINE
582 –	9" PINE
583 –	10" PINE
584 –	7" PINE
585 –	14" PINE
586 –	6" PINE
587 –	22" PINE
588 –	18" PINE
589 –	10" PINE
590 –	8" PINE
591 –	16" PINE
592 –	9" OAK
593 –	8" OAK
594 –	9" OAK
595 –	12" PINE
596 –	12" PINE
597 –	13" PINE
598 –	16" PALM
599 –	12" PINE
600 –	6" OAK
601 –	7" OAK
602 –	8" OAK
603 –	8" OAK
604 –	6" OAK
605 –	8" OAK

606 –	6" OAK
607 –	16" PINE
608 –	15" PINE
609 –	6" OAK
610 –	6" PINE
611 –	6" OAK
612 –	7" OAK
613 –	6" OAK
614 –	6" OAK
615 –	8" OAK
616 –	8" OAK
617 –	6" OAK
618 –	7" OAK
619 –	10" OAK
620 –	9" OAK
621 –	6" OAK
622 –	6" OAK
623 –	6" OAK
624 –	8" OAK
625 –	10" OAK
626 –	7" OAK
627 –	6" OAK
628 –	14" PINE
629 –	8" OAK
630 –	7" OAK
631 –	7" OAK
632 –	24" PINE
633 –	7" PINE
634 –	14" PINE
635 –	6" TREE
636 –	12" PINE
638 –	12" PALM
639 –	10" OAK
640 –	14" OAK
641 –	10" OAK
642 –	11" OAK
643 –	9" OAK
644 –	6" OAK
645 –	6" OAK
647 –	15" PINE
649 –	10" OAK
650 –	9" OAK
651 –	11" PINE
652 –	10" OAK
653 –	15" PINE
654 –	13" PINE
655 –	10" PALM
656 –	7" OAK
657 –	12" PINE
658 –	12" PINE
659 –	7" PINE
660 –	15" PINE
661 –	6" PINE
662 –	2-7" OAK
663 –	8" OAK
664 –	14" PINE
665 –	12" PINE
666 –	6" PINE
668 –	13" PINE
669 –	11" PINE
670 –	10" PINE
671 –	14" PINE
672 –	12" PINE
673 –	8" PINE
674 –	11" PINE
675 –	10" PINE
676 –	10" PINE
677 –	8" PINE
678 –	8" PINE
679 –	10" PINE
680 –	9" PINE
681 –	7" PINE
682 –	9" PINE
683 –	7" PINE
684 –	6" PINE
685 –	7" PINE
686 –	11" OAK
687 –	6" OAK
688 –	2-6" OAK
689 –	16" OAK
690 –	6" OAK
691 –	9" OAK
692 –	13" PINE
693 –	9" PINE
694 –	9" PINE
695 –	6" OAK

696 –	7" PINE
697 –	11" OAK
698 –	9" OAK
699 –	8" OAK
700 –	6" OAK
701 –	6" PINE
702 –	36" OAK
703 –	7" OAK
704 –	6" OAK
705 –	6" OAK
706 –	12" PINE
707 –	6" PINE
708 –	11" PINE
709 –	13" PINE
710 –	7" PINE
711 –	7" PINE
713 –	8" PINE
714 –	12" PINE
715 –	6" OAK
716 –	12" OAK
717 –	12" PINE
718 –	7" OAK
719 –	6" PINE
720 –	8" OAK
721 –	11" PINE
722 –	6" PINE
723 –	7" PINE
724 –	6" PINE
725 –	8" OAK
726 –	9" OAK
727 –	2-12" PINE
728 –	7" OAK
729 –	7" PINE
730 –	6" OAK
731 –	8" OAK
733 –	7" PINE
734 –	6" OAK
735 –	6" OAK
736 –	7" OAK
737 –	7" OAK
748 –	6" PINE
749 –	8" PINE
750 –	8" OAK
751 –	9" OAK
752 –	2-14" OAK
753 –	9" OAK
754 –	6" PINE
755 –	6" OAK
756 –	8" PINE
784 –	10" OAK
785 –	24" OAK
786 –	10" OAK
787 –	9" OAK
788 –	9" OAK
789 –	9" OAK
790 –	8" OAK
791 –	10" PINE
792 –	13" OAK
793 –	20" OAK
794 –	15" OAK
795 –	7" OAK
796 –	8" OAK
797 –	6" OAK
798 –	18" OAK
799 –	42" OAK
800 –	15" OAK
801 –	6" PINE
802 –	6" PINE
803 –	7" OAK
804 –	7" OAK
805 –	7" OAK
806 –	6" OAK
807 –	16" PINE
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809 –	13" OAK
810 –	8" PINE
811 –	2-15" OAK
812 –	8" OAK
813 –	12" PINE
814 –	6" PINE
815 –	6" PINE
816 –	6" OAK
817 –	14" OAK
818 –	15" PINE
823 –	6" OAK
824 –	10" OAK
825 –	7" OAK
826 –	11" OAK

827 –	24" OAK
828 –	12" OAK
829 –	14" OAK
830 –	15" OAK
831 –	7" PINE
832 –	12" OAK
833 –	13" OAK
834 –	8" OAK
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836 –	17" OAK
837 –	13" OAK
838 –	37" OAK
839 –	8" PINE
840 –	7" OAK
841 –	12" OAK
842 –	20" OAK
843 –	9" PINE
844 –	6" OAK
944 –	13" OAK
945 –	7" OAK
946 –	6" PINE
947 –	9" PINE
949 –	15" OAK
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951 –	14" OAK
952 –	11" OAK
956 –	14" PINE
957 –	13" PINE
962 –	12" PINE
963 –	16" PINE
964 –	11" OAK
965 –	18" OAK
966 –	20" OAK
967 –	6" OAK
968 –	6" PINE
969 –	14" PINE
970 –	11" PINE
971 –	11" OAK
972 –	18" OAK
973 –	12" OAK
974 –	18" PINE
975 –	6" PINE
976 –	13" PINE
977 –	13" PINE
978 –	6" PINE
979 –	11" PINE
980 –	11" PINE
981 –	15" PINE
982 –	11" PINE
983 –	14" PINE
987 –	23" PINE
988 –	12" OAK
989 –	16" PINE
990 –	6" OAK
991 –	12" OAK
992 –	13" PINE
993 –	13" PINE
994 –	6" OAK
995 –	8" OAK
996 –	6" OAK
997 –	17" OAK
998 –	11" PINE
999 –	10" PINE
1000 –	14" PINE
1001 –	6" PINE
1002 –	18" OAK
1003 –	7" PINE
1004 –	13" PINE
1005 –	12" OAK
1006 –	16" PINE
1007 –	12" OAK
1008 –	6" PINE
1010 –	8" OAK
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1014 –	10" PINE
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1017 –	10" PINE
1018 –	10" OAK
1019 –	12" PINE
1020 –	7" OAK
1021 –	13" PINE
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1023 –	18" OAK
1024 –	14" OAK

1025 –	18" OAK
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1027 –	8" PINE
1028 –	7" PINE
1029 –	12" PINE
1030 –	15" PINE
1031 –	16" OAK
1032 –	7" PINE
1033 –	11" PINE
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1035 –	7" OAK
1036 –	7" OAK
1037 –	12" OAK
1038 –	10" OAK
1039 –	11" OAK
1040 –	6" OAK
1041 –	15" OAK
1042 –	10" OAK
1043 –	9" OAK
1044 –	20" PINE
1045 –	10" PINE
1046 –	10" PINE
1047 –	8" PINE
1048 –	16" OAK
1049 –	14" OAK
1054 –	14" OAK
1058 –	12" PINE
1061 –	12" OAK
1067 –	14" PINE
1076 –	16" PINE
1081 –	12" OAK
1082 –	11" OAK
1083 –	8" OAK
1084 –	12" OAK
1085 –	18" PINE
1086 –	7" OAK
1087 –	9" OAK
1088 –	6" OAK
1089 –	10" OAK
1090 –	6" PINE
1091 –	8" OAK
1092 –	8" OAK
1093 –	6" OAK
1094 –	8" OAK
1095 –	11" PINE
1096 –	15" PINE
1097 –	15" PINE
1098 –	12" PINE
1099 –	6" OAK
1100 –	10" OAK
1101 –	11" OAK
1102 –	10" OAK
1105 –	7" OAK
1106 –	6" OAK
1107 –	10" OAK
1108 –	10" OAK
1114 –	9" PINE
1115 –	7" OAK
1116 –	10" PINE
1148 –	7" OAK
1149 –	6" OAK
1150 –	8" OAK
1151 –	8" PINE
1152 –	13" PINE
1153 –	11" PINE
1154 –	11" PINE
1161 –	13" OAK
1162 –	8" OAK
1163 –	7" OAK
1164 –	8" OAK
1165 –	6" OAK
1167 –	8" PINE
1171 –	13" PINE
1172 –	10" PINE
1173 –	11" PINE
1174 –	7" OAK
1175 –	12" PINE
1176 –	10" PINE
1177 –	7" PINE
1178 –	13" PINE
1179 –	12" PINE
1180 –	12" PINE
1181 –	6" OAK
1182 –	6" OAK
1183 –	7" OAK
1184 –	7" OAK
1185 –	7" OAK
1186 –	6" OAK

1187 –	6" OAK
1188 –	6" PINE
1190 –	6" OAK
1191 –	6" OAK
1192 –	7" PINE
1193 –	6" OAK
1194 –	11" PINE
1195 –	6" OAK
1196 –	17" PINE
1197 –	16" PINE
1198 –	6" OAK
1199 –	5" OAK
1201 –	6" OAK
1204 –	6" OAK
1205 –	6" OAK
1207 –	9" PINE
1208 –	12" OAK
1209 –	12" PINE
1210 –	12" PINE
1211 –	6" OAK
1212 –	11" PINE
1213 –	6" OAK
1214 –	11" PINE
1215 –	6" OAK
1216 –	11" OAK
1217 –	6" PINE
1218 –	11" OAK
1219 –	9" OAK
1220 –	6" OAK
1221 –	13" PINE
1222 –	8" OAK
1223 –	6" OAK
1224 –	16" PINE
1225 –	11" PINE
1226 –	2-7" OAK
1227 –	13" PINE
1228 –	13" PINE
1229 –	6" OAK
1230 –	6" OAK
1231 –	12" PINE
1232 –	12" PINE
1233 –	11" OAK
1234 –	11" OAK
1235 –	7" PINE
1236 –	12" PINE
1238 –	12" PINE
1239 –	2-14" OAK
1240 –	9" OAK
1241 –	6" PINE
1242 –	13" PINE
1243 –	8" OAK
1244 –	11" PINE
1245 –	2-9" OAK
1246 –	10" PINE
1247 –	7" OAK
1248 –	7" OAK
1249 –	9" PINE
1250 –	2-8" PINE
1251 –	8" PINE
1252 –	11" PINE
1253 –	8" PINE
1254 –	9" PINE
1255 –	2-9" OAK
1256 –	2-9" OAK
1257 –	16" PINE
1258 –	7" OAK
1259 –	10" OAK
1260 –	8" OAK
1261 –	6" OAK
1262 –	16" OAK
1263 –	6" PINE
1264 –	8" OAK
1265 –	16" OAK
1266 –	3-8" OAK
1267 –	16" OAK
1268 –	7" PINE
1269 –	13" OAK
1270 –	6" PINE
1271 –	8" PINE
1272 –	6" PINE
1273 –	9" PINE
1274 –	10" OAK
1275 –	10" OAK
1276 –	6" OAK
1277 –	7" OAK
1278 –	10" PINE
1280 –	6" OAK
1281 –	2-9" OAK
1282 –	8" PINE

ACCURIGHT SURVEYS
of Orlando Inc., LB 4475
2012 E. Robinson St.
Orlando, Florida 32803
(407) 894-6314

THIS SURVEY MEETS THE "MINIMUM TECHNICAL STANDARDS" AS REQUIRED BY CHAPTER 61G17-6, FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.

"NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THIS FLORIDA LICENSED SURVEYOR AND MAPPER."

SURVEYOR'S CERTIFICATE

To:
NTR DEVELOPMENT, INC.:

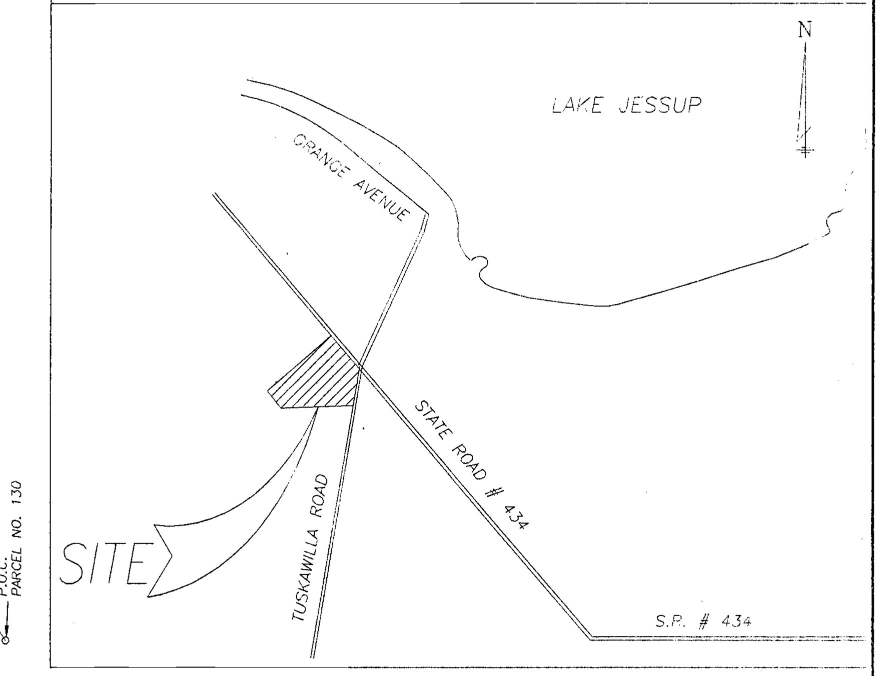
This is to certify that this map or plot and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA\ACSM Land Title Surveys," jointly established and adopted by ALTA, ACSM and NSPS in 1999, and includes items 1, 2, 3, 4, 5, 7(a), 7(b), 7 (c), 8, 10, and 11(a), of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA, NSPS and ACSM and in effect on the date of this certification, undersigned further certifies that proper field procedures, instrumentation, and adequate survey personnel were employed in order to achieve results comparable to those outlined in the "Minimum Angle, Distance, and Closure Requirements for Survey Measurements Which Control Land Boundaries for ALTA/ACSM Land Title Surveys".

Date: May 10, 2001

Robert C. Johnson, P.S.M. 5551

VICINITY MAP N.T.S.

(3)



DESCRIPTION

PARENT TRACT

THAT PART OF THE UNPLATTED PART OF BLOCK B OF D.R. MITCHELLS'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5 OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT 186 FEET NORTH 38°45' WEST OF THE MOST EASTERLY CORNER OF THAT PART OF SAID BLOCK B LYING SOUTHWEST OF THE SANFORD ORLANDO ROAD AND RUNNING NORTH 38°45" WEST 200 FEET ALONG THE WESTERLY LINE OF THE SANFORD OVIEDO HIGHWAY; THENCE SOUTH 51°15' WEST 710.14 FEET; THENCE SOUTH 22°15' EAST 208 FEET; THENCE NORTH 51°15' EAST 770 FEET TO THE POINT OF BEGINNING. ALSO DESCRIBED AS LOT 8 ACCORDING TO JOE E. JOHNSTON'S SURVEY AS RECORDED IN DEED BOOK 147, PAGE 221, SEMINOLE COUNTY, FLORIDA.

LESS THAT PORTION OF PARCEL 130 IN ORDER OF TAKING IN OFFICIAL RECORDS BOOK 2831, PAGE 1024 THAT LIES WITHIN ABOVE DESCRIBED PROPERTY.

THAT PART OF THE UNPLATTED PART OF BLOCK "B" OF MITCHELL'S SURVEY OF THE LEVY GRANT DESCRIBED AS BEGINNING AT THE MOST EASTERLY CORNER OF THAT PART OF SAID BLOCK "B" LYING SOUTHWEST OF THE SANFORD-OVIEDO HIGHWAY AND RUNNING NORTH 38°45' WEST 186.0 FEET ALONG THE WESTERLY LINE OF THE RIGHT OF WAY OF THE SANFORD-OVIEDO HIGHWAY; THENCE SOUTH 51°15' WEST 770.0 FEET; THENCE SOUTH 22°15' EAST 13.5 FEET TO THE SOUTHWEST CORNER OF THE UNPLATTED PART OF BLOCK "B"; THENCE EAST ALONG THE NORTH LINE OF TUSCAWILLA A DISTANCE OF 497.0 FEET; THENCE NORTH 30' EAST 420.0 FEET TO THE POINT OF BEGINNING.

ALSO DESCRIBED AS: LOT 9, ACCORDING TO JOE E. JOHNSTON'S SURVEY AS RECORDED IN DEED BOOK 147, PAGE 221, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.

LESS THAT PART OF PARCEL 130 IN ORDER OF TAKING IN OFFICIAL RECORDS BOOK 2831, PAGE 1024, PUBLIC RECORDS OF SEMINOLE COUNTY THAT LIES WITHIN ABOVE DESCRIBED PROPERTY.

TOGETHER WITH THAT PORTION OF VACATED ROAD LYING SOUTHERLY OF ABOVE DESCRIBED PROPERTY AS DESCRIBED IN OFFICIAL RECORDS BOOK 2972, PAGE 373, PUBLIC RECORDS OF SEMINOLE COUNTY.

TOGETHER WITH THAT PART OF LOT 8, BLOCK A, LYING WESTERLY OF TUSKAWILLA ROAD, OF D.R. MITCHELL'S SURVEY OF THE LEVY GRANT ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5 OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.

AND THAT PART OF LOT 8, BLOCK A, D.R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, LYING WESTERLY FROM THE WESTERLY FIFTY FEET FROM THE CENTER LINE OF TUSKAWILLA ROAD, AS RECORDED IN O.R.B 2660, PAGE 510, SEMINOLE COUNTY, FLORIDA.

TOGETHER WITH

LOT 7, JOE E. JOHNSTONS SURVEY RECORDED IN DEED BOOK 147, PAGE 221, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, AND ALSO BEING THAT PART OF THE UNPLATTED PART OF BLOCK B OF D.R. MITCHELL'S SURVEY OF THE LEVY GRANT ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS BEGINNING AT A POINT 386 FEET NORTH 38 DEGREES 45 MINUTES WEST OF THE MOST EASTERLY CORNER OF THAT PART OF SAID BLOCK B LYING SOUTHWEST OF THE SANFORD-OVIEDO ROAD AND RUNNING NORTH 38 DEGREES 45 MINUTES WEST, 200 FEET ALONG THE WESTERLY LINE OF THE SANFORD-OVIEDO ROAD, THENCE SOUTH 51 DEGREES 15 MINUTES WEST 650.30 FEET; THENCE SOUTH 22 DEGREES 15 MINUTES EAST 208.8 FEET; THENCE NORTH 51 DEGREES 15 MINUTES EAST 710.14 FEET TO THE POINT OF BEGINNING, LESS AND EXCEPT THAT PART TAKEN FOR ROAD RIGHT OF WAY BY THE ORDER OF TAKING RECORDED JULY 27, 1994, IN OFFICIAL RECORDS BOOK 2803, PAGE 1023, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.

CONTAINS 448,300 SQUARE FEET OR 10.292 ACRES MORE OR LESS.

RIGHT-OF-WAY TAKING:

PARCEL NO. 130

A PART OF LOTS 8 AND 9 OF JOE E. JOHNSTON'S SURVEY AS RECORDED IN DEED BOOK 147, PAGE 221 OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA ALSO BEING A PART OF THE UNNUMBERED LOT IN BLOCK B, D.R. MITCHELL'S SURVEY OF THE LEVY GRANT ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5 OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCE AT THE NORTHEAST CORNER OF SAID UNNUMBERED LOT IN BLOCK B, BEING THE POINT OF INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF FIRST STREET, A 30-FOOT WIDE UNOPENED RIGHT OF WAY AND THE WESTERLY RIGHT OF WAY LINE OF BRANTLEY AVENUE, A 50-FOOT WIDE RIGHT OF WAY; THENCE RUN NORTH 71°22'40" WEST ALONG THE SOUTHERLY RIGHT OF WAY LINE OF SAID FIRST STREET AND THE NORTH LINE OF SAID UNNUMBERED LOT IN BLOCK B A DISTANCE OF 1823.57 FEET TO A POINT ON THE BASELINE OF SURVEY OF S.R. 434 ACCORDING TO F.D.O.T. RIGHT OF WAY MAP SECTION 77070-2516; THENCE RUN SOUTH 38°32'22" EAST ALONG SAID BASELINE OF SURVEY OF S.R. 434 A DISTANCE OF 0.33 FEET; THENCE DEPARTING SAID BASELINE OF SURVEY OF S.R. 434 RUN NORTH 71°25'23" WEST A DISTANCE OF 55.26 FEET TO THE POINT OF INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF SAID FIRST STREET AND THE SOUTHWESTERLY RIGHT OF WAY LINE OF SAID S.R. 434; THENCE RUN SOUTH 38°32'22" EAST ALONG SAID SOUTHWESTERLY RIGHT OF WAY LINE A DISTANCE OF 1600.79 FEET TO THE NORTHERNMOST CORNER OF SAID LOT 8 FOR A POINT OF BEGINNING; THENCE CONTINUE SOUTH 38°32'22" EAST ALONG SAID SOUTHWESTERLY RIGHT OF WAY LINE OF S.R.434 A DISTANCE OF 381.83 FEET TO THE WESTERLY RIGHT OF WAY LINE OF TUSKAWILLA ROAD, A 50-FOOT WIDE RIGHT OF WAY; THENCE SOUTH 14°15'06" WEST ALONG SAID WESTERLY RIGHT OF WAY LINE OF TUSKAWILLA ROAD A DISTANCE OF 12.03 FEET TO THE WESTERLY RIGHT OF WAY LINE OF A 30-FOOT WIDE UNOPENED RIGHT OF WAY; THENCE RUN SOUTH 29°20'59" WEST ALONG SAID WESTERLY RIGHT OF WAY LINE A DISTANCE OF 24.85 FEET; THENCE DEPARTING SAID WESTERLY RIGHT OF WAY LINE RUN NORTH 38°43'16" WEST A DISTANCE OF 398.46 FEET TO THE NORTHWESTERLY LINE OF SAID LOT 8; THENCE RUN NORTH 51°27'38" EAST ALONG SAID NORTHWESTERLY LINE OF LOT 8 A DISTANCE OF 33.87 FEET TO THE POINT OF BEGINNING.

CONTAINS 13,011 SQUARE FEET MORE OR LESS.

CROSS-ACCESS EASEMENT #1

THAT PART OF THE UNPLATTED BLOCK "B", D.R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

FROM THE MOST EASTERLY CORNER OF SAID BLOCK "B", LYING SOUTHWESTERLY OF STATE ROAD 434; THENCE N 38°32'22" W ALONG THE OLD SOUTHWESTERLY RIGHT OF WAY LINE OF SAID STATE ROAD 434 A DISTANCE OF 186.00 FEET; THENCE S 51°27'38" W. 33.25 FEET TO A POINT ON THE NEW SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD 434 AND THE POINT OF BEGINNING; THENCE S 38°43'16" E ALONG THE NEW SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD 434 A DISTANCE OF 25.50 FEET; THENCE S 51°27'38" W. 45.50 FEET; THENCE N 38°43'16" W. 45.50 FEET; THENCE N 51°27'38" E. 45.50 FEET TO A POINT ON THE NEW SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD 434; THENCE S 38°43'16" E. ALONG SAID NEW SOUTHWESTERLY RIGHT OF WAY LINE A DISTANCE OF 20.00 FEET TO THE POINT OF BEGINNING.

CONTAINS 2070 SQUARE FEET OR 0.047 ACRES, MORE OR LESS.

CROSS-ACCESS EASEMENT #2

THAT PART OF LOT 9 SKETCH OF UNPLATTED BLOCK "B" AND LOT 8, BLOCK A, D.R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

FROM THE MOST EASTERLY CORNER OF SAID BLOCK "B", LYING ON THE OLD SOUTHWESTERLY RIGHT OF WAY LINE OF STATE ROAD 419; THENCE S 14°15'06" W, 12.03 FEET (SEE STATE ROAD RIGHT OF WAY MAP SECTION 77070-2516, SHEET 9 OF 13); THENCE S 29°20'59" W, 111.36 FEET TO A POINT ON THE WESTERLY RIGHT OF WAY LINE OF TUSKAWILLA ROAD; THENCE S 14°15'06" W, 115.16 FEET ALONG SAID WESTERLY RIGHT OF WAY LINE TO THE POINT OF BEGINNING; THENCE CONTINUE S 14°15'06" W, 56.20 FEET ALONG SAID WESTERLY RIGHT OF WAY LINE; THENCE N 57°03'04" W, 72.88 FEET; THENCE N 14°15'06" E, 82.35 FEET; THENCE S 57°03'04" E, 72.88 FEET TO A POINT ON THE WESTERLY RIGHT OF WAY LINE OF TUSKAWILLA ROAD; THENCE S 14°15'06" W, 26.15 FEET ALONG SAID RIGHT OF WAY LINE TO THE POINT OF BEGINNING.

CONTAINS 5685 SQUARE FEET OR 0.131 ACRES, MORE OR LESS.

NOTES:

1. BEARING STRUCTURE BASED ON THE NORTHERLY R/W LINE OF NATURES WAY BEING: N86°57'23"W.
2. THIS SURVEY REFLECTS ONLY MATTERS OF RECORD AS PROVIDED BY THE CLIENT OR CLIENTS REPRESENTATIVE.
3. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
4. THIS SITE IS NOT IN A FLOOD PRONE AREA, IT IS IN ZONE X, AN AREA OF MINIMAL FLOODING BASED ON FLOOD INSURANCE RATE MAP, PANEL NO. 120289 0135 E, SEMINOLE COUNTY, FLORIDA.
5. ELEVATIONS BASED ON SEMINOLE COUNTY DATUM, BM #4733701 BEING: 45.515 FEET.
6. ACCORDING TO FLORIDA STATUTES, CHAPTER 472.025, A LAND SURVEYOR SHALL NOT AFFIX HIS SEAL OR NAME TO ANY PLAN OR DRAWING WHICH DEPICTS WORK WHICH HE IS NOT LICENSED TO PERFORM OR WHICH IS BEYOND HIS PROFESSION OR SPECIALTY THEREIN. THEREFORE, WE ARE UNABLE TO CERTIFY AS TO MUNICIPAL ZONING COMPLIANCE, INTERPRETATION OF ZONING CODES OR THE DETERMINATION OF VIOLATIONS THEREOF.
7. THIS SURVEY MADE WITHOUT BENEFIT OF COMMITMENT FOR TITLE.

APR 26 2002

PRE-DEVELOPMENT BASIN MAP

Current BOUNDARY SURVEY DATE: 5-10-01
per Florida Statutes 61G17-6.003 2d

83445-1

DATE:	REVISION	BY:
	RECEIVED	
	APR 26 2002	
	PDS ALTAMONTE SVC. CTR.	

BOUNDARY, TOPOGRAPHIC & TREE SURVEY

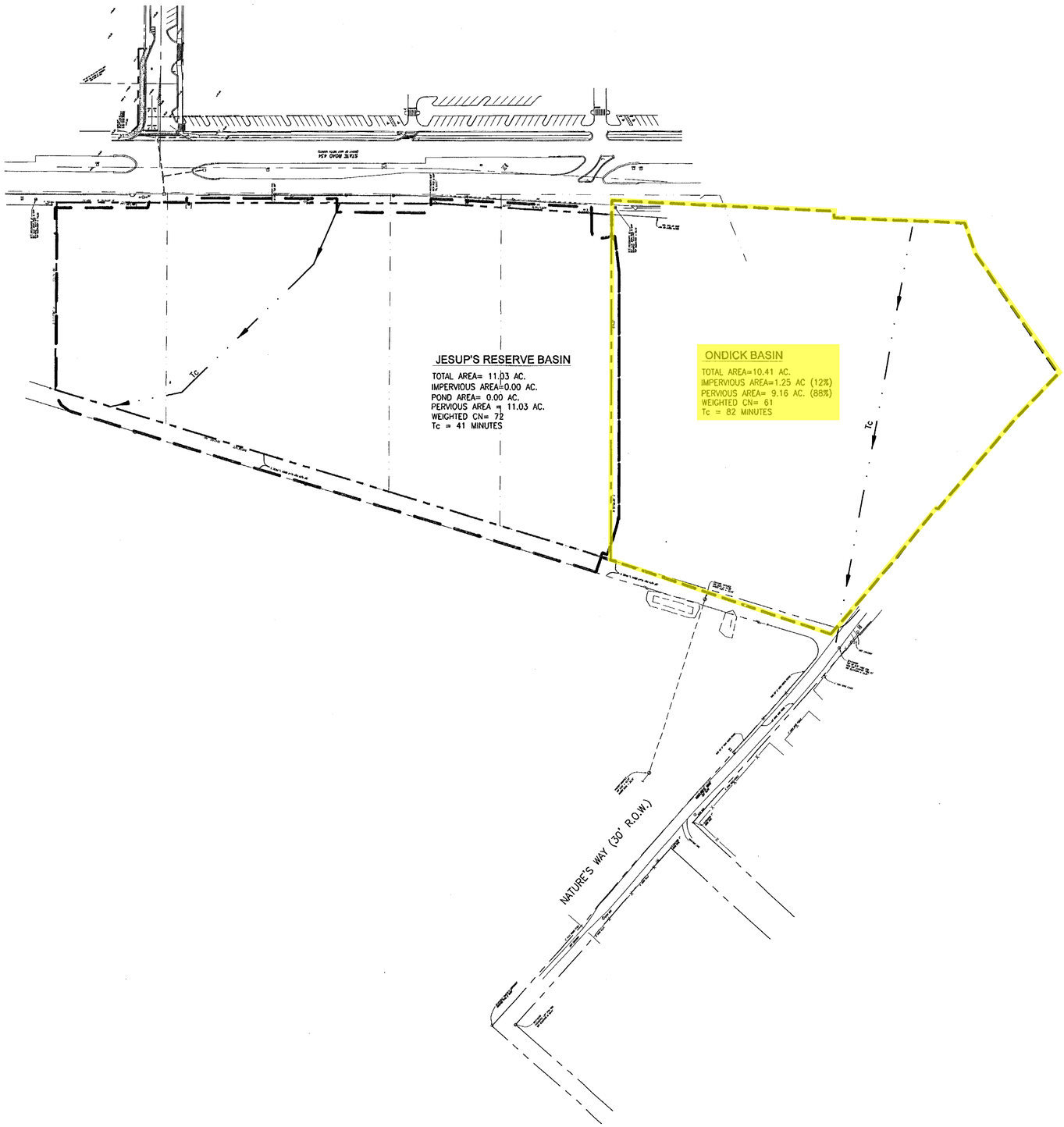
SCALE: 1" = 40'	CF: #	APPROVED BY:
DATE: 5-10-01	SC147-BLK-A-LOTS8&9	DRAWN BY: RLB/JB

PREPARED FOR: NTR DEVELOPMENT, INC.

LOCATION: SW CORNER OF STATE ROAD #434 AND TUSKAWILLA ROAD; SEMINOLE COUNTY, FLORIDA

FILE NUMBER: JOHNSTON'S SURVEY WALGREENS

Pulled from SJRWMD Permit No. 83445-1



100' 0 100'

SCALE: 1"=100'

2 of 7

97490-1

RECEIVED
APR 01 2005
PDS
ALTAMONTE SVC. CTR

Pulled from SJRWMD Permit No. 97490-1

RS&H®
Architectural, Engineering, Planning and Environmental Services

Reynolds, Smith and Hills, Inc.
10748 DEERWOOD PARK BLVD SOUTH
JACKSONVILLE, FLORIDA 32256

904-256-2500 FAX 904-256-2501
www.rsandh.com
FL.Cert.Nos. AAC001886 · EB0005620 · LCC000210

HIGHLANDER INVESTMENTS, LTD
1085 WEST MORSE AVENUE,
SUITE A
WINTER PARK, FLORIDA 32789

JESUP'S RESERVE

WINTER SPRINGS,
FLORIDA

SEAL

3/30/05

DAVID F. PEIGLER, PE
FL. NO. 44100

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED: MARCH 18, 2005
REVIEWED BY: D. PEIGLER
DRAWN BY: J. NESS
DESIGNED BY: J. WARFLE

AEP PROJECT NUMBER
501-5760-000

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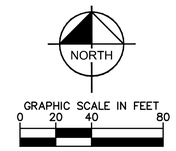
SHEET TITLE

PRE-DEVELOPEMENT DRAINAGE PLAN

SHEET NUMBER
C-4

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.





NOTES:
THE FOLLOWING NOTES ARE PROVIDED TO ALLOW FOR CLARIFICATION OF ROUTING WITHIN THE SYSTEM.

1. BASIN G.1 FLOWS TO SMA-A.2
2. BASIN G.2 FLOWS TO SMA-B
3. BASIN H FLOWS TO SWALE 1
4. BASIN I FLOWS TO SWALE 2
5. BASIN J FLOWS TO SWALE 3
6. SWALES 1, 2, & 3 FLOW INTO SMA-G TO ALLOW FOR FURTHER NUTRIENT REMOVAL.

LEGEND:

- STAGE VOLUME NODE
- STAGE AREA NODE
- TIME STAGE NODE
- PIPE LINK
- DROP STRUCTURE LINK
- WEIR LINK
- PERCOLATION LINK
- BASIN BOUNDARY

No.	REVISIONS	DATE	BY

Kimley»Horn
189 S. ORANGE AVE, SUITE 1000, ORLANDO, FL 32801
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
DATE:

KHA PROJECT
DATE
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY

POST-DEVELOPMENT BASIN & NODE MAP

WINTER SPRINGS MARKETPLACE

SHEET NUMBER

APPENDIX B

Pre- Development Drainage Calculations and ICPR Analysis

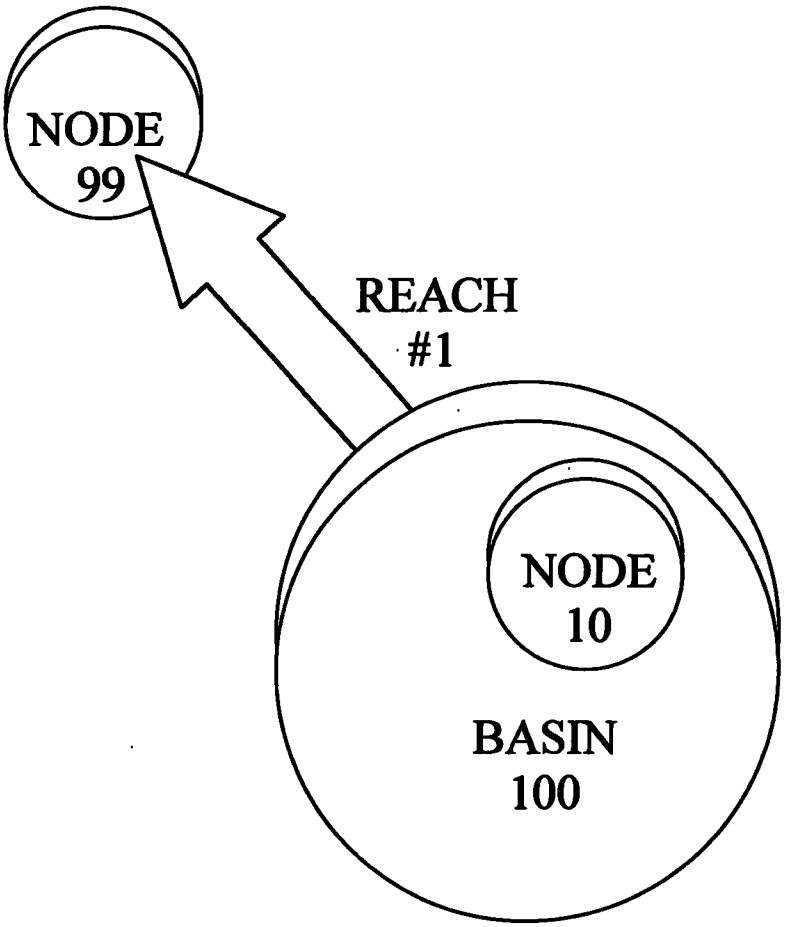
SJRWMD PERMIT NO. 83445-1

WALGREENS DRUG STORE #6575 EXISTING CONDITIONS MODELING OF SR 434 OUTFALL

PROJECT: **WALGREENS DRUG STORE #6575**
SEMINOLE COUNTY, FLORIDA

PRE DEVELOPMENT ANALYSIS

PRE-DEVELOPED HYD. SCHEMATIC:



AMERICAN CIVIL ENGINEERING COMPANY
207 N. MOSS ROAD, SUITE 211
WINTER SPRINGS, FLORIDA 32708
PHONE: (407) 327-7700
FAX: (407) 327-0227

PAGE:

PROJECT: **WALGREENS DRUG STORE #6575**
SEMINOLE COUNTY, FLORIDA

PRE-DEVELOPED ANALYSIS:

HYDROGRAPH DATA:

BASIN NO. **100**

TOTAL AREA (AC)	**3.56 ACRES**
PERVIOUS AREA (AC)	**2.74 ACRE**
IMPERVIOUS AREA (AC)	**0.82 ACRE**
WATER SURFACE AREA (AC)	**0.00 ACRE**

SCS SOIL TYPE	**PAOLA/MILLHOPPER HYD. GRP. A/A**	
PERVIOUS CN	**49**	
IMPERVIOUS CN	**98**	
WATER SURFACE CN	**100**	
COMPOSITE CN	[(2.74)(49) + (0.82)(98)] / [3.56]	**60.3**

TIME OF CONCENTRATION:

38.5 MINUTES

AMERICAN CIVIL ENGINEERING COMPANY
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WINTER SPRINGS, FLORIDA 32708
PHONE: (407) 327-7700
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PROJECT: **WALGREENS DRUG STORE #6575**
SEMINOLE COUNTY, FLORIDA

PRE-DEVELOPED TIME OF CONCENTRATION COMPUTATIONS:
BASED ON SOIL CONVERSATION SERVICE (SCS) TECHNICAL RELEASE 55 (TR-55)

BASIN NUMBER: **100**

1. **OVERLAND FLOW:** $T_1 = [0.007 (nL)^{0.8}] / (P)^{0.5}(s)^{0.4}$

n = MANNING'S ROUGHNESS	**0.40**
L = FLOW LENGTH (ft)	**175**
P = 4.75 INCHES	
S = SLOPE OF HYD. GR. (ft/ft)	**0.0087**
T_1 = TRAVEL TIME (hr)	**0.64 HOUR**

2. CONCENTRATED FLOW: T2 = L/V

L = FLOW LENGTH (ft)
V = VELOCITY BASED ON TR55
T2 = TRAVEL TIME (hr) **0.0 HOUR**

3. PIPE FLOW: T3 = L/V

L = FLOW LENGTH (ft)
V = VEL. IN PIPE, ASSUME 4.0 ft/s
T2 = TRAVEL TIME (hr) **0.0 HOUR**

4. TOTAL TIME OF CONCENTRATION:

Tc = T1 + T2 + T3

Tc = 0.5 + 0.0 + 0.0 = **0.64 HOUR**

38.5 MIN.

PROJECT: **WALGREENS DRUG STORE #6575**
SEMINOLE COUNTY, FLORIDA

PRE-DEVELOPMENT ANALYSIS

STAGE/STORAGE DATA:

NODE **10**

STAGE (ELEV)	AREA (ACRE)	AVE. AREA (ACRE)	DEPTH (FEET)	INCREM. VOLUME (AC-FT)	ACCUM. VOLUME (AC-FT)
44.00	**0.18**	-	-	-	-
45.00	**0.26**	**0.22**	**1.00**	**0.22**	**0.22**

EXISTING OVERFLOW STRUCTURE:
TOP EL. = 44.77
INV. (NE) = 42.82
WEIR EL. = 44.36

AMERICAN CIVIL ENGINEERING COMPANY
207 N. MOSS ROAD, SUITE 211
WINTER SPRINGS, FLORIDA 32708
PHONE: (407) 327-7700
FAX: (407) 327-0227

PAGE:

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.30)
Copyright 1989-1990, Streamline Technologies, Inc.

WALGREENS DRUG STORE #6575 - PRE DEVELOPED - 25 YR/24 HR
APRIL 19, 2002

NODE NAME	NODE TYPE	INI STAGE (ft)	X-COOR (ft)	Y-COOR (ft)	LENGTH (ft)	STAGE (ft)	AREA/TIME (ac)/(hr)
10	AREA	44.000	.000	.000	.000	44.000	.180
						45.000	.260
						46.000	2.500
99	TIME	40.000	.000	.000	.000	40.000	.000
						41.000	24.000

REACH SUMMARY

INDEX	RCHNAME	FRMNODE	TONODE	REACH TYPE
1	1	10	99	CIRCULAR CULVERT

Node-99 time stage node data in NGVD

>>REACH NAME : 1
FROM NODE : 10
TO NODE : 99
REACH TYPE : CIRCULAR CULVERT
FLOW DIRECTION : POSITIVE AND NEGATIVE FLOWS ALLOWED
TURBO SWITCH : OFF

CULVERT DATA :
SPAN (in): 12.000 RISE (in): 12.000 LENGTH (ft): 150.000
U/S INVERT (ft): 42.820 D/S INVERT (ft): 39.370 MANNING N: .026
ENTRNC LOSS: .500 # OF CULVERTS: 1.000

POSITION A : RECTANGULAR RISER SLOT
CREST EL. (ft): 44.770 CREST LN. (ft): 10.167 OPENING (ft): 999.000
WEIR COEF.: 3.200 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

POSITION B : RECTANGULAR RISER SLOT
CREST EL. (ft): 44.360 CREST LN. (ft): 2.000 OPENING (ft): 999.000
WEIR COEF.: 3.200 GATE COEF.: .600 NUMBER OF ELEM.: 1.000

NOTE:

PRE DEVELOPMENT HYDROGRAPHS & ROUTINGS

SCSIIMOD
25 YEAR/24 HOUR

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.30)
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WALGREENS DRUG STORE #6575 - PRE DEVELOPED - 25 YR/24 HR
APRIL 19, 2002

BASIN NAME	100
NODE NAME	10
TIME INCREMENT (min)	5.00
RAINFALL FILE	SCSIIMOD
RAIN AMOUNT (in)	8.60
STORM DURATION (hrs)	24.00
AREA (ac)	3.56
CURVE NUMBER	60.30
DCIA (%)	.00
TC (mins)	38.50
LAG TIME (hrs)	.00
BASIN STATUS	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
100	5.21	12.00	3.82	

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
10	STAGE (ft):	44.00	8.50	45.05	13.00
	VOLUME (af):	.00	8.50	.29	13.00
	RUNOFF (cfs):	.00	8.50	5.21	12.00
	OFFSITE (cfs):	.00	24.00	.00	24.00
	OTHER (cfs):	.00	24.00	.00	24.00
	OUTFLOW (cfs):	.00	11.50	3.01	12.50
99	STAGE (ft):	40.00	.00	41.00	24.00
	VOLUME (af):	.00	11.75	1.02	24.00
	RUNOFF (cfs):	.00	24.00	.00	24.00
	OFFSITE (cfs):	.00	24.00	.00	24.00
	OTHER (cfs):	.00	11.50	3.01	12.50
	OUTFLOW (cfs):	.00	24.00	.00	24.00

NODAL MAXIMUM CONDITIONS REPORT

NODE ID	STAGE (ft)	VOLUME (af)	INFLOW RUNOFF (cfs)	INFLOW OFFSITE (cfs)	INFLOW OTHER (cfs)	OUTFLOW (cfs)
10	45.05	.29	5.21	.00	.00	3.01
99	41.00	1.02	.00	.00	3.01	.00

Max allowable out-flow rate

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
1	12.50	3.01	10	45.02	99	40.52

MEAN ANNUAL

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.30)
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WALGREENS DRUG STORE #6575 - PRE DEVELOPED - MEAN ANNUAL
APRIL 19, 2002

BASIN NAME	100
NODE NAME	10
TIME INCREMENT (min)	5.00
RAINFALL FILE	MEAN23
RAIN AMOUNT (in)	4.50
STORM DURATION (hrs)	24.00
AREA (ac)	3.56
CURVE NUMBER	60.30
DCIA (%)	.00
TC (mins)	38.50
LAG TIME (hrs)	.00
BASIN STATUS	ONSITE

BASIN	QMX (cfs)	TMX (hrs)	VOL (in)	NOTES
100	1.46	12.17	1.04	

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	MINIMUMS VALUE	MINIMUMS TIME (hr)	MAXIMUMS VALUE	MAXIMUMS TIME (hr)
10	STAGE (ft):	44.00	11.25	44.59	13.50
	VOLUME (af):	.00	11.25	.13	13.50
	RUNOFF (cfs):	.00	11.25	1.45	12.25
	OFFSITE (cfs):	.00	24.00	.00	24.00
	OTHER (cfs):	.00	24.00	.00	24.00
	OUTFLOW (cfs):	.00	12.50	.69	13.50
99	STAGE (ft):	40.00	.00	41.00	24.00
	VOLUME (af):	.00	12.50	.22	24.00
	RUNOFF (cfs):	.00	24.00	.00	24.00
	OFFSITE (cfs):	.00	24.00	.00	24.00
	OTHER (cfs):	.00	12.50	.69	13.50
	OUTFLOW (cfs):	.00	24.00	.00	24.00

NODAL MAXIMUM CONDITIONS REPORT

NODE ID	STAGE (ft)	VOLUME (af)	INFLOW RUNOFF (cfs)	INFLOW OFFSITE (cfs)	INFLOW OTHER (cfs)	OUTFLOW (cfs)
10	44.59	.13	1.45	.00	.00	.69
99	41.00	.22	.00	.00	.69	.00

REACH MAXIMUM FLOW REPORT

REACH ID	TIME (hrs)	FLOW (cfs)	FR NODE NAME	STAGE (ft)	TO NODE NAME	STAGE (ft)
1	13.50	.69	10	44.59	99	40.56

SJRWMD PERMIT NO. 97490-1

JESUP'S RESERVE EXISTING CONDITIONS MODELING OF WETLAND OUTFALL

Runoff curve number and runoff

Project:	Jesup's Reserve	By:	EMB	Date:	3/15/2005
Location:	Seminole County	Checked:	JSG	Date:	3/15/2005

Highlight one: [Present] Developed

Highlight one: [Jesup (on-site)] Ondick (off-site)

1. Runoff curve number

soil name and hydrologic group (appendix A)	Cover description (cover type, treatment, and hydrologic condition; percent impervious, unconnected/connected impervious area ratio)	CN Table 2-2	CN Figure 2-3	CN Figure 2-4	Area ☐ acre ☒ %	Product of CN x area
Myakka and Eau Gallie, B/D	Wood or forest land: good cover	77			37.0	2849
Paola-St. Lucie, A	Wood or forest land: thin stand, poor cover	45			8.0	360
Paola-St. Lucie, A	Open space: poor condition	68			40.0	2720
Pomello, C	Open space: poor condition	86			10.0	860
Pomello, C	Wood or forest land: thin stand, poor cover	77			5.0	385
				Totals ➡	100	7,174

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{7174}{100} = 71.74$$

Use CN ➡ **72**

2. Runoff

S = 1000/CN - 10 = 3.89

	Storm #1	Storm #2	Storm #3
Frecuency ..... yr			
Rainfall, P (24 hr) ..... in			
Runoff, Q ..... in			

Runoff curve number and runoff

Project:	Jesup's Reserve	By:	EMB	Date:	3/15/2005
Location:	Seminole County	Checked:	JSG	Date:	3/15/2005

Highlight one: [Present] Developed

Highlight one: [Jesup (on-site)] Ondick (off-site)

1. Runoff curve number

soil name and hydrologic group (appendix A)	Cover description (cover type, treatment, and hydrologic condition; percent impervious, unconnected/connected impervious area ratio)	CN Table 2-2	CN Figure 2-3	CN Figure 2-4	Area ☐ acre ☒ %	Product of CN x area
Myakka and Eau Gallie, B/D	Wood or forest: good condition	77			28.0	2156
Myakka and Eau Gallie, B/D	Open space: poor condition	89			7.0	623
Paola-St. Lucie, A	Wood or forest: good condition	25			20.0	500
Paola-St. Lucie, A	Wood or forest: poor condition	45			27.0	1215
Tavares-Millhopper, A	Open space: poor condition	68			6.0	408
Impervious	Impervious Land	98			12.0	1176
				Totals ➡	100	6,078

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{6078}{100} = 60.78$$

Use CN ➡ 61

2. Runoff

$S = 1000/CN - 10 = 6.39$

	Storm #1	Storm #2	Storm #3
Frecuency ..... yr			
Rainfall, P (24 hr) ..... in			
Runoff, Q ..... in			

Runoff curve number and runoff

Project:	Jesup's Reserve	By:	EMB	Date:	3/15/2005
Location:	Seminole County	Checked:	JSG	Date:	3/15/2005

Highlight one: Present | Developed

Highlight one: Jesup (on-site) | Ondick (off-site)

1. Runoff curve number

soil name and hydrologic group (appendix A)	Cover description (cover type, treatment, and hydrologic condition; percent impervious, unconnected/connected impervious area ratio)	CN Table 2-2	CN Figure 2-3	CN Figure 2-4	Area ☐ acre ☒ %	Product of CN x area
Myakka and Eau Gallie, B/D	Open Space: good condition	80			6.9	552
Paola-St. Lucie, A	Open Space: good condition	39			9.0	351
Pomello, C	Open Space: good condition	74			3.0	222
Impervious	Impervious Land	98			64.6	6,331
Impervious	Impervious Pond Area	100			10.0	1000
Paola-St. Lucie, A	Pervious Pond Area	39			6.5	253.5
				Totals ➡	100	8,709

$$\text{CN (weighted)} = \frac{\text{total product}}{\text{total area}} = \frac{8{,}709}{100} = 87.09$$

Use CN ➡ **87**

2. Runoff

S = 1000/CN - 10 = 1.49

	Storm #1	Storm #2	Storm #3
Frecuency ..... yr			
Rainfall, P (24 hr) ..... in			
Runoff, Q ..... in			

Time of Concentration (TR-55)

Project:	Jesup's Reserve	By:	EMB	Date:	03/15/05
Location:	Seminole County	Checked:	JSG	Date:	03/15/05

Highlight one: **Present** | Developed

Highlight one: **Jesup (on-site)** | Ondick (off-site)

Sheet flow

	Segment ID	1		
1. Surface Description (Table 3-1)		Range		
2. Manning's roughness coeff., n (Table 3-1)		0.13		
3. Flow Length, L (total <= 300 ft)	ft	300		
4. 2-year 24-hour rainfall, P_2	in	5.0		
5. Land slope, s	ft/ft	0.005		
6. $Tt = (0.007 * (nL)^{4/5})/((P_2^{1/2})*(s^{2/5}))$	hr	0.489	+ 0.000	= 0.489

Shallow concentrate flow

	Segment ID	2		
7. Surface description (paved or unpaved)		Unpaved	Unpaved	
8. Flow length, L	ft	220	90	
9. Watercourse slope, s	ft/ft	0.003	0.008	
10. Average velocity, V (figure 3-1)	ft/s	0.433	0.483	
11. Tt = (L/(3600*V)	hr	0.141	+ 0.052	= 0.193

Channel flow

	Segment ID			
12. Cross section flow area, a	ft^2			
13. Wetted perimeter, Pw	ft			
14. Hydraulic radius, r = a/Pw	ft			
15. Channel slope, s	ft/ft			
16. Manning/s roughness coeff.	n			
17. $V = (1.49*(r^{2/3})*(s^{1/2}))/n$	ft/s			
18. Flow length, L	ft			
19. Tt = (L/3600*V)	hr	0.000	+ 0.000	= 0.000

Total

20. Total Tc (add 6,11,and 19)	hr	0.681
21. Total Tc	min	40.88
Notes:	Plus pipe flow ... min	0
	Total ..... min	**40.9**
	→ Use .....min	**41.0**

Time of Concentration (TR-55)

Project:	Jesup's Reserve	By:	EMB	Date:	03/15/05
Location:	Seminole County	Checked:	JSG	Date:	03/15/05

Highlight one: Present | Developed

Highlight one: Jesup (on-site) | Ondick (off-site)

Sheet flow

	Segment ID			
1. Surface Description (Table 3-1)	1			
2. Manning's roughness coeff., n (Table 3-1)	Woods			
3. Flow Length, L (total <= 300 ft) ft	0.4			
4. 2-year 24-hour rainfall, P_2 in	300			
5. Land slope, s ft/ft	5.00			
6. $Tt = (0.007 * (nL)^{4/5})/((P_2^{1/4})*(s^{2/5}))$ hr	0.006			
	1.116	+ 0.000	=	1.116

Shallow concentrate flow

	Segment ID			
7. Surface description (paved or unpaved)	2			
8. Flow length, L ft	Unpaved			
9. Watercourse slope, s ft/ft	453			
10. Average velocity, V (figure 3-1) ft/s	0.010			
11. Tt = (L/(3600*V) hr	0.50			
	0.252	+ 0.000	=	0.252

Channel flow

	Segment ID			
12. Cross section flow area, a ft^2				
13. Wetted perimeter, Pw ft				
14. Hydraulic radius, r = a/Pw ft				
15. Channel slope, s ft/ft				
16. Manning/s roughness coeff. n				
17. $V = (1.49*(r^{2/3})*(s^{1/2}))/n$ ft/s				
18. Flow length, L ft				
19. Tt = (L/3600*V) hr	0.000	+ 0.000	=	0.000

Total

20. Total Tc (add 6,11,and 19) hr	1.368
21. Total Tc min	82.07
Plus pipe flow ... min	0
Total ..... min	**82.1**
→ Use .....min	**82.0**

Notes:

Time of Concentration (TR-55)

Project:	Jesup's Reserve	By:	EMB	Date:	03/15/05
Location:	Seminole County	Checked:	JSG	Date:	03/15/05

Highlight one: **Present** / Developed

Highlight one: **Jesup (on-site)** / Ondick (off-site)

Sheet flow

	Segment ID	1			
1. Surface Description (Table 3-1)		Grass			
2. Manning's roughness coeff., n (Table 3-1)		0.41			
3. Flow Length, L (total <= 300 ft)	ft	10			
4. 2-year 24-hour rainfall, P_2	in	5.000			
5. Land slope, s	ft/ft	0.015			
6. $Tt = (0.007 * (nL)^{4/5})/((P_2^{1/2})*(s^{2/5}))$	hr	0.052	+ 0.000	=	0.052

Shallow concentrate flow

	Segment ID	2			
7. Surface description (paved or unpaved)		Unpaved			
8. Flow length, L	ft	50			
9. Watercourse slope, s	ft/ft	0.015			
10. Average velocity, V (figure 3-1)	ft/s	0.08			
11. Tt = (L/(3600*V)	hr	0.167	+ 0.000	=	0.167

Channel flow

	Segment ID	Pipe Flow			
12. Cross section flow area, a	ft^2	1.77			
13. Wetted perimeter, Pw	ft	4.71			
14. Hydraulic radius, r = a/Pw	ft	0.376			
15. Channel slope, s	ft/ft	0.002			
16. Manning/s roughness coeff.	n	0.012			
17. $V = (1.49*(r^{2/3})*(s^{1/2}))/n$	ft/s	2.50			
18. Flow length, L	ft	835			
19. Tt = (L/3600*V)	hr	0.093	+ 0.000	=	0.093

Total

20. Total Tc (add 6,11,and 19)	hr	0.312
21. Total Tc	min	18.72
Plus pipe flow	min	0
Total	**min**	18.7
→ **Use**	**min**	19.0

Notes:

AdICPR Model Results

Hydrologic and Hydraulic Calculations

Jesup's Reserve Pre-Development Conditions
Input Summary

==========
==== Basins ====
==========

Name: Jessup
Group: BASE

Node: Jessup
Type: SCS Unit Hydrograph

Status: Onsite

Unit Hydrograph: Uh256
Rainfall File:
Rainfall Amount(in): 0.000
Area(ac): 11.030
Curve Number: 72.00
DCIA(%): 0.00

Peaking Factor: 256.0
Storm Duration(hrs): 0.00
Time of Conc(min): 41.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: Ondick
Group: BASE

Node: Ondick
Type: SCS Unit Hydrograph

Status: Onsite

Unit Hydrograph: Uh256
Rainfall File:
Rainfall Amount(in): 0.000
Area(ac): 10.410
Curve Number: 61.00
DCIA(%): 0.00

Peaking Factor: 256.0
Storm Duration(hrs): 0.00
Time of Conc(min): 82.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Includes five parcels at the northwest quadrant of the
intersection of SR 434 and Tuskawilla Road.

==========
==== Hydrology Simulations ====
==========

Name: 100Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Pre\100Yr-24Hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 10.80

Time(hrs)	Print Inc(min)
30.000	5.00

Name: 25Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Pre\25Yr-24Hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 8.64

Time(hrs)	Print Inc(min)

30.000 5.00

==== Routing Simulations ====

Name: Hydrology Sim:
Filename:

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 0.00 Delta Z Factor: 0.00000
Time Step Optimizer: 0.000
Start Time(hrs): 0.000 End Time(hrs): 0.00
Min Calc Time(sec): 0.0000 Max Calc Time(sec): 0.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)

Group	Run
BASE	Yes

==== Boundary Conditions ====

Jesup's Reserve Pre-Development Conditions
Basin Summary

Basin Name:	Jessup
Group Name:	BASE
Simulation:	100Yr-24Hr
Node Name:	Jessup
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	5.47
Comp Time Inc (min):	5.47
Rainfall File:	Flmod
Rainfall Amount (in):	10.800
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	41.00
Time Shift (hrs):	0.00
Area (ac):	11.030
Vol of Unit Hyd (in):	1.000
Curve Number:	72.000
DCIA (%):	0.000
Time Max (hrs):	12.39
Flow Max (cfs):	27.829
Runoff Volume (in):	7.214
Runoff Volume (ft3):	288851.667

Basin Name:	Ondick
Group Name:	BASE
Simulation:	100Yr-24Hr
Node Name:	Ondick
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	10.93
Comp Time Inc (min):	10.93
Rainfall File:	Flmod
Rainfall Amount (in):	10.800
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	82.00
Time Shift (hrs):	0.00
Area (ac):	10.410
Vol of Unit Hyd (in):	1.000
Curve Number:	61.000
DCIA (%):	0.000
Time Max (hrs):	12.94
Flow Max (cfs):	12.885
Runoff Volume (in):	5.683
Runoff Volume (ft3):	214739.698

Basin Name:	Jessup
Group Name:	BASE
Simulation:	25Yr-24Hr
Node Name:	Jessup
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	5.47
Comp Time Inc (min):	5.47
Rainfall File:	Flmod
Rainfall Amount (in):	8.640
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	41.00
Time Shift (hrs):	0.00
Area (ac):	11.030
Vol of Unit Hyd (in):	1.000
Curve Number:	72.000
DCIA (%):	0.000
Time Max (hrs):	12.39
Flow Max (cfs):	20.235
Runoff Volume (in):	5.256
Runoff Volume (ft3):	210429.379

Basin Name:	Ondick
Group Name:	BASE
Simulation:	25Yr-24Hr
Node Name:	Ondick
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	10.93
Comp Time Inc (min):	10.93
Rainfall File:	Flmod
Rainfall Amount (in):	8.640
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	82.00
Time Shift (hrs):	0.00
Area (ac):	10.410
Vol of Unit Hyd (in):	1.000
Curve Number:	61.000
DCIA (%):	0.000
Time Max (hrs):	12.94
Flow Max (cfs):	8.727
Runoff Volume (in):	3.930
Runoff Volume (ft3):	148492.145

Jesup's Reserve Post-Development Conditions
Input Summary

==========
==== Basins ====
==========

Name: Jessup
Group: BASE
Node: Pond1
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: Uh256
Rainfall File:
Rainfall Amount(in): 0.000
Area(ac): 11.030
Curve Number: 87.00
DCIA(%): 0.00

Peaking Factor: 256.0
Storm Duration(hrs): 0.00
Time of Conc(min): 19.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: Ondick
Group: BASE
Node: Ondick
Type: SCS Unit Hydrograph
Status: Onsite

Unit Hydrograph: Uh256
Rainfall File:
Rainfall Amount(in): 0.000
Area(ac): 10.410
Curve Number: 61.00
DCIA(%): 0.00

Peaking Factor: 256.0
Storm Duration(hrs): 0.00
Time of Conc(min): 82.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Includes five parcels at the northwest quadrant of the
intersection of SR 434 and Tuskawilla Road.

==========
==== Nodes ====
==========

Name: Ondick
Group: BASE
Type: Manhole, 1/2 Diameter Grooved
Base Flow(cfs): 0.000
Plunge Factor: 1.00
Init Stage(ft): 35.450
Warn Stage(ft): 43.000

Stage(ft)	Area(ac)

Name: Pond1
Group: BASE
Type: Stage/Area
Base Flow(cfs): 0.000
Init Stage(ft): 41.200
Warn Stage(ft): 44.000

Stage(ft)	Area(ac)
41.200	1.1010
45.000	1.3490

Name: Wetland
Group: BASE
Type: Time/Stage
Base Flow(cfs): 0.000
Init Stage(ft): 35.000
Warn Stage(ft): 35.300

Time(hrs)	Stage(ft)
0.00	35.000
48.00	35.000

==========
==== Operating Tables ====
==========

Name:
Group: BASE

Type: Bottom Clip
Function: Time vs. Depth of Clip

Time(hrs)	Clip Depth(in)

==== Pipes ====

Name: Outfall
Group: BASE
From Node: Ondick
To Node: Wetland
Length(ft): 1319.00
Count: 1
Friction Equation: Average Conveyance
Solution Algorithm: Automatic
Flow: Both
Entrance Loss Coef: 1.00
Exit Loss Coef: 1.00
Bend Loss Coef: 0.50
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dn
Stabilizer Option: None

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	30.00	30.00
Rise(in):	30.00	30.00
Invert(ft):	34.770	29.500
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

==== Drop Structures ====

Name: Pond1Outlet
Group: BASE
From Node: Pond1
To Node: Ondick
Length(ft): 564.00
Count: 1
Friction Equation: Average Conveyance
Solution Algorithm: Automatic
Flow: Both
Entrance Loss Coef: 1.000
Exit Loss Coef: 0.500
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dn
Solution Incs: 10

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	30.00	30.00
Rise(in):	30.00	30.00
Invert(ft):	36.300	34.770
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

*** Weir 1 of 3 for Drop Structure Pond1Outlet ***

Count: 1
Type: Vertical: Mavis
Flow: Both
Geometry: Circular
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Disc Coef: 3.200
Orifice Disc Coef: 0.600
Span(in): 2.84
Rise(in): 2.84
Invert(ft): 40.700
Control Elev(ft): 41.200

*** Weir 2 of 3 for Drop Structure Pond1Outlet ***

Count: 2
Type: Vertical: Mavis
Flow: Both
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Disc Coef: 3.200

Geometry: Rectangular
Orifice Disc Coef: 0.600

Span(in): 33.00
Rise(in): 13.12
Invert(ft): 42.440
Control Elev(ft): 42.440

*** Weir 3 of 3 for Drop Structure Pond1Outlet ***

TABLE

Count: 1
Type: Horizontal
Flow: Both
Geometry: Rectangular
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Disc Coef: 3.200
Orifice Disc Coef: 0.600

Span(in): 48.00
Rise(in): 36.00
Invert(ft): 43.700
Control Elev(ft): 43.700

==========
==== Hydrology Simulations ==========
==========

Name: 100Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Post\100Yr-24Hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 10.80

Time(hrs)	Print Inc(min)
48.000	5.00

Name: 25Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Post\25Yr-24Hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 8.64

Time(hrs)	Print Inc(min)
48.000	5.00

Name: 3Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Post\3Yr-24Hr.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 5.64

Time(hrs)	Print Inc(min)
48.000	5.00

==========
==== Routing Simulations ==========
==========

Name: 100Yr-24Hr
Hydrology Sim: 100Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Post\100Yr-24Hr.I32

Execute: Yes
Restart: No
Patch: No
Alternative: No

Max Delta Z(ft): 1.00
Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000
End Time(hrs): 48.00
Min Calc Time(sec): 0.5000
Max Calc Time(sec): 60.0000
Boundary Stages: 100Yr-24Hr
Boundary Flows:

Time(hrs)	Print Inc(min)
48.000	5.000

Group	Run
BASE	Yes

Name: 25Yr-24Hr Hydrology Sim: 25Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Post\25Yr-24Hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: 25Yr-24Hr Boundary Flows:

Time(hrs)	Print Inc(min)
48.000	5.000

Group	Run
BASE	Yes

Name: 3Yr-24Hr Hydrology Sim: 3Yr-24Hr
Filename: X:\501-5760-000\T\drainage\ICPR\Post\3Yr-24Hr.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
48.000	5.000

Group	Run
BASE	Yes

==== Boundary Conditions ====

Name: 25Yr-24Hr Node: Wetland Type: Stage

Time(hrs)	Stage(ft)
0.000	35.230
48.000	35.230

Name: 100Yr-24Hr Node: Wetland Type: Stage

Time(hrs)	Stage(ft)
0.000	35.290
48.000	35.290

Jesup's Reserve Post-Development Conditions
Basin Summary

Basin Name:	Jessup
Group Name:	BASE
Simulation:	100Yr-24Hr
Node Name:	Pond1
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	2.53
Comp Time Inc (min):	2.53
Rainfall File:	Flmod
Rainfall Amount (in):	10.800
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	19.00
Time Shift (hrs):	0.00
Area (ac):	11.030
Vol of Unit Hyd (in):	1.000
Curve Number:	87.000
DCIA (%):	0.000
Time Max (hrs):	12.12
Flow Max (cfs):	51.588
Runoff Volume (in):	9.188
Runoff Volume (ft3):	367879.063

Basin Name:	Ondick
Group Name:	BASE
Simulation:	100Yr-24Hr
Node Name:	Ondick
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	10.93
Comp Time Inc (min):	10.93
Rainfall File:	Flmod
Rainfall Amount (in):	10.800
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	82.00
Time Shift (hrs):	0.00
Area (ac):	10.410
Vol of Unit Hyd (in):	1.000
Curve Number:	61.000
DCIA (%):	0.000
Time Max (hrs):	12.94
Flow Max (cfs):	12.885
Runoff Volume (in):	5.683
Runoff Volume (ft3):	214739.698

Basin Name:	Jessup
Group Name:	BASE
Simulation:	25Yr-24Hr
Node Name:	Pond1
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	2.53
Comp Time Inc (min):	2.53
Rainfall File:	Flmod
Rainfall Amount (in):	8.640
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	19.00
Time Shift (hrs):	0.00
Area (ac):	11.030
Vol of Unit Hyd (in):	1.000
Curve Number:	87.000
DCIA (%):	0.000
Time Max (hrs):	12.12
Flow Max (cfs):	40.164
Runoff Volume (in):	7.070
Runoff Volume (ft3):	283075.943

Basin Name:	Ondick
Group Name:	BASE
Simulation:	25Yr-24Hr
Node Name:	Ondick
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	Uh256
Peaking Fator:	256.0
Spec Time Inc (min):	10.93
Comp Time Inc (min):	10.93
Rainfall File:	Flmod
Rainfall Amount (in):	8.640
Storm Duration (hrs):	24.00
Status:	Onsite
Time of Conc (min):	82.00
Time Shift (hrs):	0.00
Area (ac):	10.410
Vol of Unit Hyd (in):	1.000
Curve Number:	61.000
DCIA (%):	0.000
Time Max (hrs):	12.94
Flow Max (cfs):	8.727
Runoff Volume (in):	3.930
Runoff Volume (ft3):	148492.145

Jesup's Reserve Post-Development Conditions
Node Maximums

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
Ondick	BASE	100Yr-24Hr	12.94	42.712	43.000	0.0090	195	12.91	31.374	12.93	31.364
Pond1	BASE	100Yr-24Hr	13.03	44.260	44.000	0.0050	56660	12.17	50.821	12.23	21.173
Wetland	BASE	100Yr-24Hr	0.00	35.290	35.300	0.2900	429	12.93	31.364	0.00	0.000
Ondick	BASE	25Yr-24Hr	12.84	41.180	43.000	0.0076	195	12.82	28.141	12.84	28.140
Pond1	BASE	25Yr-24Hr	12.78	43.561	44.000	0.0050	54671	12.17	39.606	12.56	19.941
Wetland	BASE	25Yr-24Hr	0.00	35.230	35.300	0.2300	429	12.84	28.140	0.00	0.000

MAX ALLOWABLE
25YR-24HR STORM
DISCHARGE RATE

Jesup's Reserve Post-Development Conditions
Link Maximums

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
Outfall	BASE	100Yr-24Hr	12.93	31.364	1.718	12.94	42.712	0.00	35.290
Pond1Outlet	BASE	100Yr-24Hr	12.23	21.173	0.050	13.03	44.260	12.94	42.712
Outfall	BASE	25Yr-24Hr	12.84	28.140	1.913	12.84	41.180	0.00	35.230
Pond1Outlet	BASE	25Yr-24Hr	12.56	19.941	0.054	12.78	43.561	12.84	41.180

APPENDIX C

Post- Development Drainage Calculations

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-A"

Basin Area = 0.83 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.41	A	Cover > 75%	39	16.1
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.42	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	40.7
			WEIGHTED CURVE NUMBER =	**68.6**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-B"

Basin Area = 1.12 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.46	A	Cover > 75%	39	18.1
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.34	A,B,C,D	Impervious (Pond)	98	33.6
0.31	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	30.5
			WEIGHTED CURVE NUMBER =	**73.5**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-C"

Basin Area = 2.97 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.40	A	Cover > 75%	39	15.5
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
2.58	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	252.4
			WEIGHTED CURVE NUMBER =	**90.1**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-D"

Basin Area = 0.88 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.20	A	Cover > 75%	39	7.9
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.68	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	66.7
			WEIGHTED CURVE NUMBER =	**84.5**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-E"

Basin Area = 0.49 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.11	A	Cover > 75%	39	4.3
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.38	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	36.9
			WEIGHTED CURVE NUMBER =	**84.6**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-F"

Basin Area = 0.95 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.29	A	Cover > 75%	39	11.2
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.67	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	65.2
			WEIGHTED CURVE NUMBER =	**80.2**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-G.1"

Basin Area = 0.67 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
	A	Cover > 75%	39	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.67	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	65.3
			WEIGHTED CURVE NUMBER =	**98.0**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-G.2"

Basin Area = 0.56 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
	A	Cover > 75%	39	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.56	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	54.8
			WEIGHTED CURVE NUMBER =	**98.0**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-H"

Basin Area = 0.79 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.25	A	Cover > 75%	39	9.8
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.54	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	52.5
			WEIGHTED CURVE NUMBER =	**79.1**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-I"

Basin Area = 0.44 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.10	A	Cover > 75%	39	3.9
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.34	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	33.8
			WEIGHTED CURVE NUMBER =	**84.8**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

CURVE NUMBER WORKSHEET

WINTER SPRINGS MARKETPLACE POST-DEVELOPMENT BASIN "BASIN-J"

Basin Area = 0.53 acres

AREA	SCS SOIL TYPE	COVER TYPE AND CONDITIONS	CURVE NUMBER	SUB TOTAL
		Grass (Lawns, Parks, Golf Courses, etc.)		
	A	Cover < 50%	68	0.0
	A	Cover 50% to 75%	49	0.0
0.08	A	Cover > 75%	39	3.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	B	Cover < 50%	79	0.0
	B	Cover 50% to 75%	69	0.0
	B	Cover > 75%	61	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	C	Cover < 50%	86	0.0
	C	Cover 50% to 75%	79	0.0
	C	Cover > 75%	74	0.0
		Grass (Lawns, Parks, Golf Courses, etc.)		
	D	Cover < 50%	89	0.0
	D	Cover 50% to 75%	84	0.0
	D	Cover > 75%	80	0.0
		Woods(Forest, Orchard)		
	A	Cover < 50%	45	0.0
	A	Cover 50% to 75%	35	0.0
	A	Cover > 75%	25	0.0
		Woods(Forest, Orchard)		
	B	Cover < 50%	66	0.0
	B	Cover 50% to 75%	60	0.0
	B	Cover > 75%	55	0.0
		Woods(Forest, Orchard)		
	C	Cover < 50%	77	0.0
	C	Cover 50% to 75%	74	0.0
	C	Cover > 75%	70	0.0
		Woods(Forest, Orchard)		
	D	Cover < 50%	83	0.0
	D	Cover 50% to 75%	80	0.0
	D	Cover > 75%	77	0.0
0.00	A,B,C,D	Impervious (Pond)	98	0.0
0.45	A,B,C,D	Impervious (Pavement, Concrete, Roofs)	98	44.5
			WEIGHTED CURVE NUMBER =	**89.5**

WEIGHTED CURVE NUMBER = SUM (CN*AREA) / TOTAL AREA

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION POND "SMA-A" (COMBINED VOLUME)

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**Online**

Basin A Area =	0.83	acres
Basin G.1 Area =	0.67	acres
Total Basin Area =	1.49	acres
Basin A Impervious Area =	0.42	acres
Basin G.1 Impervious Area =	0.67	acres
Total Impervious Area =	1.08	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.06	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.11	acre-ft.
PLUS		
Online TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.06	acre-ft.
OR		
*Nutrient Removal = **1.165"** of runoff from drainage area = [(Basin Area-NWL Area)(1.165")]/12" =	0.14	acre-ft.
TOTAL REQUIRED TREATMENT VOLUME =	**0.17**	**acre-ft.**
	7,614	**CF**
Required Treatment Volume at Elevation =	45.42	ft
Provided Treatment Volume =	**0.21**	**acre-ft.**
	9,021	**CF**
Provided Treatment Volume at Elevation =	45.60	ft

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	46.5	3	9,156	0.210	15,984	0.367
	45.5	2	6,360	0.146	8,226	0.189
	44.5	1	3,966	0.091	3,063	0.070
BOTTOM	43.5	0	2,159	0.050	0	0.000

* Slopes > Elev. 43.5 ft (4:1)

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION POND "SMA-A.1"

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	46.5	3	6,112	0.140	11,368	0.261
	45.5	2	4,457	0.102	6,084	0.140
	44.5	1	2,967	0.068	2,372	0.054
BOTTOM	43.5	0	1,776	0.041	0	0.000

* Slopes > Elev. 43.5 ft (4:1)

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION POND "SMA-A.2"

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	46.5	3	3,044	0.070	4,616	0.106
	45.5	2	1,903	0.044	2,142	0.049
	44.5	1	999	0.023	691	0.016
BOTTOM	43.5	0	383	0.009	0	0.000

* Slopes > Elev. 43.5 ft (4:1)

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

WET DETENTION PROPOSED POND SMA-B

Littoral Zone OR Pre-Treatment Provided?	**YES**
Discharge Directly to Class I, II, III or OFW?	**NO**

Basin B Area =	1.12	acres
Basin G.2 Area =	0.56	acres
Total Basin Area =	1.68	acres
Basin B Impervious Area =	0.31	acres
Basin G.2 Impervious Area =	0.56	acres
Total Impervious Area (Excluding pond area) =	0.87	acres
TV = 1" of runoff over site = [(Basin Area)(1")]/12" =	0.14	acre-ft.
OR		
TV = 2.5" of runoff from imp. area = [(Imp Area)(2.5")]/12" =	0.18	acre-ft.

TOTAL REQUIRED TREATMENT VOLUME =	**0.18**	**acre-ft.**
	7,902	**CF**
Required Treatment Volume at Elevation =	41.01	ft
1/2 Required Treatment Volume =	0.09	acre-ft.
1/2 Required Treatment Volume at Elevation =	40.75	ft

Provided Treatment Volume =	**1.02**	**acre-ft.**
	44,608	**CF**
Provided Treatment Volume at Elevation =	43.00	ft

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	45	4.5	26,001	0.597	91,417	2.10
	44	3.5	23,385	0.537	66,724	1.53
	43	2.5	20,848	0.479	44,608	1.02
	42	1.5	18,398	0.422	24,985	0.57
	41	0.5	16,066	0.369	7,753	0.18
NWL	40.5	0	14,945	0.343	0	0.00
	39.5	1	12,218	0.280	13,582	0.31
	38.5	2	9,696	0.223	24,539	0.56
	37.5	3	8,742	0.201	33,758	0.77
	36.5	4	7,820	0.180	42,039	0.97
	35.5	5	6,928	0.159	49,413	1.13
	34.5	6	6,075	0.139	55,914	1.28
	33.5	7	5,262	0.121	61,583	1.41
	32.5	8	4,488	0.103	66,458	1.53
	31.5	9	3,758	0.086	70,581	1.62
	30.5	10	3,112	0.071	74,016	1.70
	29.5	11	2,553	0.059	76,848	1.76
BOTTOM	28.5	12	2,061	0.047	79,155	1.82

* Slopes > Elev. 40.5 ft (5:1), < Elev. 40.5 ft (2:1)

Mean Depth =	**5.30 ft**

REQUIRED PERMANENT POOL VOLUME

WET DETENTION PROPOSED POND SMA-B

Littoral Zone OR Pre-Treatment Provided?	**YES**
Discharge Directly to Class I, II, III or OFW?	**NO**

PPV = (DA*C*R*RT)/(WS* CF)

POND SMA-B

DA = Drainage Area =	1.68	acres
C = Runoff Coefficient =	0.550	
R = Wet Season Rainfall Depth =	31.0	inches
RT = Residence Time =	14	days
WS = Wet Season =	153	days
CF = Conversion Factor =	12	in/ft
Required PPV	0.22	ac-ft
additional 50% for no littoral Zone	N/A	ac-ft
additional 50% for OFW discharge	N/A	ac-ft

PPV Required	**0.22 ac-ft**
PPV Provided	**1.82 ac-ft**

Runoff Coefficient Calculation

	AREA (AC)	RUNOFF COEFFICIENT
IMPERVIOUS AREA	0.87	0.90
PERVIOUS AREA	0.46	0.30

C = [(Impervious Area)x(0.90) + (Pervious Area)x(0.30)] / (Total Area)

RUNOFF COEFFICIENT =	0.550

DRAWDOWN CALCULATION

WET DETENTION PROPOSED POND SMA-B

Q = TV / 2 t CF = 0.041 CFS

WHERE:	TV = TREATMENT VOLUME =	7902	CF
	t = RECOVERY TIME =	27	HrS
	CF = CONV FACTOR =	3600	sec/Hr

$H = (H_1 + H_2) / 2$ = 0.38 Ft.

WHERE:	H_1 = DEPTH OF TOTAL TREATMENT VOLUME =	0.51	Ft.
	H_2 = DEPTH OF HALF THE TREATMENT VOLUME =	0.25	Ft.

ORIFICE

$Q = C A (2 g h)^{1/2}$ ORIFICE FLOW EQUATION

$A = Q / C (2 g H)^{1/2}$ = 0.01 SF

WHERE:	C = ORIFICE COEFFICIENT =	0.6	
	g = CONSTANT =	32.2	Ft/S^2
	H = HEAD =	0.38	Ft.
	Q = RATE OF DISCHARGE =	0.041	CFS

THEREFORE: CALCULATED ORIFICE DIAMETER

$D = (4 A / PI)^{1/2}$ = **1.58** INCHES **Min. = 2.75 inches**

PROVIDED = 3.0 INCHES

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED EXFILTRATION TRENCH C

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin C Area =	2.97	acres
Basin C Impervious Area =	2.58	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.12	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.27	acre-ft.
PLUS		
ne TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.12	acre-ft.
OR		
*Nutrient Removal = **1.396"** of runoff from drainage area = [(Basin Area-NWL Area)(**1.396"**)]/12" =	0.35	acre-ft.
TOTAL REQUIRED TREATMENT VOLUME =	**0.39** **17,082**	**acre-ft.** **CF**

*See BMPTrains analysis for required inches over catchment area.

**0.35-ac-ft of volume provided within Exfiltration Trench C system, remainder of the 0.39-ac-ft of required volume provided within interconnected exfiltration system SMA-G.

SMA-C (COMBINED) STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Elevation nutrient volume is provided:	43.33	ft.
Required Nutrient Treatment Volume:	0.39	ac.ft.
Provided Nutrient Removal Volume:	0.35	ac.ft.

			PIPE		STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	43.58	1.58	0.00	0.0	0.0	0.0	16,579.2	0.381
	43.58	1.58	0.00	0.0	0.0	0.0	16,579.2	0.381
PIPE	43.58	1.58	0.04	141.2	196.3	337.5	16,579.2	0.381
	43.50	1.50	0.07	251.6	163.2	414.8	16,241.7	0.373
	43.42	1.42	0.09	437.1	319.0	756.0	15,827.0	0.363
	43.33	1.33	0.10	577.5	276.9	854.3	15,070.9	0.346
	43.25	1.25	0.11	666.9	250.0	917.0	14,216.6	0.326
	43.17	1.17	0.12	731.9	230.5	962.5	13,299.6	0.305
	43.08	1.08	0.13	779.7	216.2	995.9	12,337.2	0.283
	43.00	1.00	0.13	813.5	206.1	1,019.5	11,341.3	0.260
	42.92	0.92	0.13	835.2	199.6	1,034.7	10,321.7	0.237
	42.83	0.83	0.13	845.8	196.4	1,042.2	9,287.0	0.213
	42.75	0.75	0.13	845.9	196.4	1,042.2	8,244.8	0.189
	42.67	0.67	0.13	835.3	199.5	1,034.8	7,202.6	0.165
	42.58	0.58	0.13	813.8	206.0	1,019.7	6,167.7	0.142
	42.50	0.50	0.12	780.3	216.0	996.3	5,148.0	0.118
	42.42	0.42	0.11	733.3	230.1	963.4	4,151.7	0.095
	42.33	0.33	0.10	670.0	249.1	919.1	3,188.2	0.073
	42.25	0.25	0.09	584.9	274.7	859.5	2,269.1	0.052
	42.17	0.17	0.07	465.8	310.4	776.2	1,409.6	0.032
	42.08	0.08	0.04	261.8	371.6	633.4	633.4	0.015
	42.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
STONE	42.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
	42.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000

SMA-C (17" CMP) STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Overall System Footprint =	8,458	sf
Pipe Diameter =	17	in
Pipe Invert =	42.00	ft
Total Pipe Length =	3,218	ft
Stone Porosity =	30	%
Stone Above Pipe =	0	in
Stone Below Invert =	0	in

			PIPE				STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Section Depth	Section Area	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	43.42	1.42	1.42	1.58	0.00	0.0	0.0	0.0	7,144.9	0.164
	43.42	1.42	1.42	1.58	0.00	0.0	0.0	0.0	7,144.9	0.164
PIPE	43.42	1.42	1.42	1.58	0.04	120.6	175.2	295.9	7,144.9	0.164
	43.33	1.33	1.33	1.54	0.07	214.3	147.2	361.4	6,849.0	0.157
	43.25	1.25	1.25	1.47	0.08	268.4	130.9	399.4	6,487.6	0.149
	43.17	1.17	1.17	1.39	0.10	306.8	119.4	426.2	6,088.2	0.140
	43.08	1.08	1.08	1.29	0.10	334.9	111.0	445.8	5,662.0	0.130
	43.00	1.00	1.00	1.19	0.11	355.2	104.9	460.1	5,216.2	0.120
	42.92	0.92	0.92	1.08	0.11	369.0	100.8	469.7	4,756.1	0.109
	42.83	0.83	0.83	0.96	0.12	377.0	98.3	475.3	4,286.4	0.098
	42.75	0.75	0.75	0.85	0.12	379.6	97.6	477.2	3,811.1	0.087
	42.67	0.67	0.67	0.73	0.12	377.0	98.3	475.3	3,333.9	0.077
	42.58	0.58	0.58	0.61	0.11	369.0	100.8	469.7	2,858.5	0.066
	42.50	0.50	0.50	0.50	0.11	355.2	104.9	460.1	2,388.8	0.055
	42.42	0.42	0.42	0.39	0.10	334.9	111.0	445.8	1,928.7	0.044
	42.33	0.33	0.33	0.28	0.10	306.8	119.4	426.2	1,482.9	0.034
	42.25	0.25	0.25	0.19	0.08	268.4	130.9	399.4	1,056.7	0.024
	42.17	0.17	0.17	0.10	0.07	214.3	147.2	361.4	657.3	0.015
	42.08	0.08	0.08	0.04	0.04	120.6	175.3	295.9	295.9	0.007
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
STONE	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000

SMA-C (19" CMP) STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Overall System Footprint =	9,547	sf
Pipe Diameter =	19	in
Pipe Invert =	42.00	ft
Total Pipe Length =	3,555	ft
Stone Porosity =	30	%
Stone Above Pipe =	0	in
Stone Below Invert =	0	in

			PIPE				STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Section Depth	Section Area	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	43.58	1.58	1.58	1.97	0.00	0.0	0.0	0.0	9,434.3	0.217
	43.58	1.58	1.58	1.97	0.00	0.0	0.0	0.0	9,434.3	0.217
PIPE	43.58	1.58	1.58	1.97	0.04	141.2	196.3	337.5	9,434.3	0.217
	43.50	1.50	1.50	1.93	0.07	251.6	163.2	414.8	9,096.8	0.209
	43.42	1.42	1.42	1.86	0.09	316.4	143.7	460.2	8,682.1	0.199
	43.33	1.33	1.33	1.77	0.10	363.2	129.7	492.9	8,221.9	0.189
	43.25	1.25	1.25	1.67	0.11	398.5	119.1	517.6	7,729.0	0.177
	43.17	1.17	1.17	1.56	0.12	425.2	111.1	536.3	7,211.4	0.166
	43.08	1.08	1.08	1.44	0.13	444.8	105.2	550.0	6,675.1	0.153
	43.00	1.00	1.00	1.31	0.13	458.3	101.2	559.5	6,125.1	0.141
	42.92	0.92	0.92	1.18	0.13	466.2	98.8	565.0	5,565.6	0.128
	42.83	0.83	0.83	1.05	0.13	468.8	98.0	566.9	5,000.6	0.115
	42.75	0.75	0.75	0.92	0.13	466.2	98.8	565.0	4,433.7	0.102
	42.67	0.67	0.67	0.79	0.13	458.3	101.2	559.5	3,868.7	0.089
	42.58	0.58	0.58	0.66	0.13	444.8	105.2	550.0	3,309.2	0.076
	42.50	0.50	0.50	0.53	0.12	425.2	111.1	536.3	2,759.2	0.063
	42.42	0.42	0.42	0.41	0.11	398.5	119.1	517.6	2,222.9	0.051
	42.33	0.33	0.33	0.30	0.10	363.2	129.7	492.9	1,705.3	0.039
	42.25	0.25	0.25	0.20	0.09	316.4	143.7	460.2	1,212.4	0.028
	42.17	0.17	0.17	0.11	0.07	251.6	163.2	414.8	752.3	0.017
	42.08	0.08	0.08	0.04	0.04	141.2	196.3	337.5	337.5	0.008
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
STONE	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED EXFILTRATION TRENCH D

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin D Area =	0.88	acres
Impervious Area =	0.68	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.04	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.07	acre-ft.
PLUS		
e TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.04	acre-ft.
OR		
*Nutrient Removal = **1.469"** of runoff from drainage area = [(Basin Area-NWL Area)(**1.469"**)]/12" =	0.11	acre-ft.
TOTAL REQUIRED TREATMENT VOLUME =	**0.11** **4,710**	**acre-ft.** **CF**

*See BMPTrains analysis for required inches over catchment area.

SMA-D STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Overall System Footprint =	4,422	sf
Pipe Diameter =	24	in
Pipe Invert =	42.00	ft
Total Pipe Length =	1,287	ft
Stone Porosity =	30	%
Stone Above Pipe =		in
Stone Below Invert =	0	in

Elevation nutrient volume is provided:	43.66	ft.
Required Nutrient Treatment Volume:	0.11	ac.ft.
Provided Nutrient Removal Volume:	0.11	ac.ft.

			PIPE				STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Section Depth	Section Area	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	44.00	2.00	2.00	3.14	0.00	0.0	0.0	0.0	5,482.1	0.126
	44.00	2.00	2.00	3.14	0.00	0.0	0.0	0.0	5,482.1	0.126
PIPE	44.00	2.00	2.00	3.14	0.04	57.6	93.3	150.9	5,482.1	0.126
	43.92	1.92	1.92	3.10	0.08	103.2	79.6	182.8	5,331.2	0.122
	43.83	1.83	1.83	3.02	0.10	130.7	71.3	202.0	5,148.4	0.118
	43.75	1.75	1.75	2.91	0.12	151.2	65.2	216.4	4,946.3	0.114
	43.67	1.67	1.67	2.80	0.13	167.2	60.4	227.6	4,730.0	0.109
	43.58	1.58	1.58	2.67	0.14	180.1	56.5	236.6	4,502.4	0.103
	43.50	1.50	1.50	2.53	0.15	190.5	53.4	243.9	4,265.7	0.098
	43.42	1.42	1.42	2.38	0.15	198.7	50.9	249.6	4,021.9	0.092
	43.33	1.33	1.33	2.22	0.16	205.0	49.0	254.1	3,772.2	0.087
	43.25	1.25	1.25	2.07	0.16	209.6	47.6	257.3	3,518.2	0.081
	43.17	1.17	1.17	1.90	0.17	212.7	46.7	259.4	3,260.9	0.075
	43.08	1.08	1.08	1.74	0.17	214.2	46.3	260.5	3,001.5	0.069
	43.00	1.00	1.00	1.57	0.17	214.2	46.3	260.5	2,741.0	0.063
	42.92	0.92	0.92	1.40	0.17	212.7	46.7	259.4	2,480.6	0.057
	42.83	0.83	0.83	1.24	0.16	209.6	47.6	257.3	2,221.2	0.051
	42.75	0.75	0.75	1.08	0.16	205.0	49.0	254.1	1,963.9	0.045
	42.67	0.67	0.67	0.92	0.15	198.7	50.9	249.6	1,709.8	0.039
	42.58	0.58	0.58	0.76	0.15	190.5	53.4	243.9	1,460.2	0.034
	42.50	0.50	0.50	0.61	0.14	180.1	56.5	236.6	1,216.3	0.028
	42.42	0.42	0.42	0.47	0.13	167.2	60.4	227.6	979.7	0.022
	42.33	0.33	0.33	0.34	0.12	151.2	65.2	216.4	752.1	0.017
	42.25	0.25	0.25	0.23	0.10	130.7	71.3	202.0	535.7	0.012
	42.17	0.17	0.17	0.13	0.08	103.2	79.6	182.8	333.7	0.008
	42.08	0.08	0.08	0.04	0.04	57.6	93.3	150.9	150.9	0.003
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
STONE	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED EXFILTRATION TRENCH E

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin E Area =	0.49	acres
Impervious Area =	0.38	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.02	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.04	acre-ft.
PLUS		
e TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.02	acre-ft.
OR		
*Nutrient Removal = **2.261"** of runoff from drainage area = [(Basin Area-NWL Area)(**2.261"**)]/12" =	0.09	acre-ft.
TOTAL REQUIRED TREATMENT VOLUME =	**0.09**	**acre-ft.**
	3,999	**CF**

*See BMPTrains analysis for required inches over catchment area.

SMA-E STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Overall System Footprint =	5,960	sf
Pipe Diameter =	23	in
Pipe Invert =	42.00	ft
Total Pipe Length =	1,856	ft
Stone Porosity =	30	%
Stone Above Pipe =	0	in
Stone Below Invert =	0	in

Elevation nutrient volume is provided:	43.06	ft.
Required Nutrient Treatment Volume:	0.09	ac.ft.
Provided Nutrient Removal Volume:	0.09	ac.ft.

			PIPE				STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Section Depth	Section Area	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	43.92	1.92	1.92	2.89	0.00	0.0	0.0	0.0	7,175.4	0.165
	43.92	1.92	1.92	2.89	0.00	0.0	0.0	0.0	7,175.4	0.165
PIPE	43.92	1.92	1.92	2.89	0.04	81.3	124.6	205.9	7,175.4	0.165
	43.83	1.83	1.83	2.84	0.08	145.6	105.3	250.9	6,969.5	0.160
	43.75	1.75	1.75	2.76	0.10	184.1	93.8	277.9	6,718.6	0.154
	43.67	1.67	1.67	2.66	0.11	212.7	85.2	297.9	6,440.7	0.148
	43.58	1.58	1.58	2.55	0.13	235.0	78.5	313.5	6,142.8	0.141
	43.50	1.50	1.50	2.42	0.14	252.7	73.2	325.9	5,829.3	0.134
	43.42	1.42	1.42	2.29	0.14	266.8	69.0	335.8	5,503.4	0.126
	43.33	1.33	1.33	2.14	0.15	277.8	65.7	343.5	5,167.6	0.119
	43.25	1.25	1.25	1.99	0.15	286.1	63.2	349.2	4,824.1	0.111
	43.17	1.17	1.17	1.84	0.16	291.8	61.5	353.3	4,474.9	0.103
	43.08	1.08	1.08	1.68	0.16	295.2	60.4	355.7	4,121.6	0.095
	43.00	1.00	1.00	1.52	0.16	296.3	60.1	356.4	3,765.9	0.086
	42.92	0.92	0.92	1.36	0.16	295.2	60.4	355.7	3,409.5	0.078
	42.83	0.83	0.83	1.20	0.16	291.8	61.5	353.3	3,053.9	0.070
	42.75	0.75	0.75	1.05	0.15	286.1	63.2	349.2	2,700.6	0.062
	42.67	0.67	0.67	0.89	0.15	277.8	65.7	343.5	2,351.3	0.054
	42.58	0.58	0.58	0.74	0.14	266.8	69.0	335.8	2,007.9	0.046
	42.50	0.50	0.50	0.60	0.14	252.7	73.2	325.9	1,672.1	0.038
	42.42	0.42	0.42	0.46	0.13	235.0	78.5	313.5	1,346.2	0.031
	42.33	0.33	0.33	0.34	0.11	212.7	85.2	297.9	1,032.7	0.024
	42.25	0.25	0.25	0.22	0.10	184.1	93.8	277.9	734.8	0.017
	42.17	0.17	0.17	0.12	0.08	145.6	105.3	250.9	456.9	0.010
	42.08	0.08	0.08	0.04	0.04	81.3	124.6	205.9	205.9	0.005
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
STONE	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED EXFILTRATION TRENCH F

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin F Area =	0.95	acres
Impervious Area =	0.67	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.04	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.07	acre-ft.
PLUS		
e TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.04	acre-ft.
OR		
*Nutrient Removal = **1.369"** of runoff from drainage area = [(Basin Area-NWL Area)(**1.369"**)]/12" =	0.11	acre-ft.
TOTAL REQUIRED TREATMENT VOLUME =	**0.11** **4,749**	**acre-ft.** **CF**

*See BMPTrains analysis for required inches over catchment area.
**0.02 ac-ft of nutrient removal volume provided within Exfiltration Trench F system.
Remainder of the 0.11-ac-ft of volume provided within wet detention pond SMA-B.

SMA-F STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Overall System Footprint =	4,551	sf
Pipe Diameter =	37	in
Pipe Invert =	41.50	ft
Total Pipe Length =	1,069	ft
Stone Porosity =	30	%
Stone Above Pipe =	0	in
Stone Below Invert =	0	in

Elevation nutrient volume is provided:	43.00	ft.
Required Nutrient Treatment Volume:	0.11	ac.ft.
Provided Nutrient Removal Volume:	0.11	ac.ft.

			PIPE				STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Section Depth	Section Area	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	44.58	3.08	3.08	7.47	0.00	0.0	0.0	0.0	9,797.8	0.22
	44.58	3.08	3.08	7.47	0.00	0.0	0.0	0.0	9,797.8	0.22
	44.58	3.08	3.08	7.47	0.06	59.7	95.9	155.6	9,797.8	0.22
	44.50	3.00	3.00	7.41	0.10	107.8	81.4	189.2	9,642.3	0.22
	44.42	2.92	2.92	7.31	0.13	137.6	72.5	210.1	9,453.0	0.22
	44.33	2.83	2.83	7.18	0.15	160.6	65.6	226.2	9,242.9	0.21
	44.25	2.75	2.75	7.03	0.17	179.5	59.9	239.4	9,016.7	0.21
	44.17	2.67	2.67	6.86	0.18	195.4	55.2	250.5	8,777.3	0.20
	44.08	2.58	2.58	6.68	0.20	209.0	51.1	260.1	8,526.8	0.20
	44.00	2.50	2.50	6.49	0.21	220.8	47.5	268.3	8,266.7	0.19
	43.92	2.42	2.42	6.28	0.22	231.1	44.5	275.5	7,998.3	0.18
	43.83	2.33	2.33	6.06	0.22	240.0	41.8	281.7	7,722.8	0.18
	43.75	2.25	2.25	5.84	0.23	247.7	39.5	287.1	7,441.1	0.17
	43.67	2.17	2.17	5.61	0.24	254.2	37.5	291.7	7,153.9	0.16
	43.58	2.08	2.08	5.37	0.24	259.8	35.8	295.7	6,862.2	0.16
	43.50	2.00	2.00	5.13	0.25	264.5	34.4	298.9	6,566.5	0.15
	43.42	1.92	1.92	4.88	0.25	268.2	33.3	301.5	6,267.6	0.14
	43.33	1.83	1.83	4.63	0.25	271.0	32.5	303.5	5,966.1	0.14
	43.25	1.75	1.75	4.37	0.26	273.1	31.9	304.9	5,662.6	0.13
	43.17	1.67	1.67	4.12	0.26	274.3	31.5	305.8	5,357.7	0.12
PIPE	43.08	1.58	1.58	3.86	0.26	274.7	31.4	306.0	5,051.9	0.12
	43.00	1.50	1.50	3.60	0.26	274.3	31.5	305.8	4,745.9	0.11
	42.92	1.42	1.42	3.35	0.26	273.1	31.9	304.9	4,440.1	0.10
	42.83	1.33	1.33	3.09	0.25	271.0	32.5	303.5	4,135.2	0.09
	42.75	1.25	1.25	2.84	0.25	268.2	33.3	301.5	3,831.7	0.09
	42.67	1.17	1.17	2.59	0.25	264.5	34.4	298.9	3,530.2	0.08
	42.58	1.08	1.08	2.34	0.24	259.8	35.8	295.7	3,231.3	0.07
	42.50	1.00	1.00	2.10	0.24	254.2	37.5	291.7	2,935.7	0.07
	42.42	0.92	0.92	1.86	0.23	247.7	39.5	287.1	2,643.9	0.06
	42.33	0.83	0.83	1.63	0.22	240.0	41.8	281.7	2,356.8	0.05
	42.25	0.75	0.75	1.40	0.22	231.1	44.5	275.5	2,075.0	0.05
	42.17	0.67	0.67	1.19	0.21	220.8	47.5	268.3	1,799.5	0.04
	42.08	0.58	0.58	0.98	0.20	209.0	51.1	260.1	1,531.2	0.04
	42.00	0.50	0.50	0.79	0.18	195.4	55.2	250.5	1,271.1	0.03
	41.92	0.42	0.42	0.60	0.17	179.5	59.9	239.4	1,020.5	0.02
	41.83	0.33	0.33	0.44	0.15	160.6	65.6	226.2	781.2	0.02
	41.75	0.25	0.25	0.29	0.13	137.6	72.5	210.1	554.9	0.01
	41.67	0.17	0.17	0.16	0.10	107.8	81.4	189.2	344.8	0.01
	41.58	0.08	0.08	0.06	0.06	59.7	95.9	155.6	155.6	0.00
	41.50	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.00
STONE	41.50	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.00
	41.50	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.00

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED EXFILTRATION TRENCH G

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin H Area =	0.79	acres
Basin I Area =	0.44	acres
Basin J Area =	0.53	acres
Total Basin Area =	1.76	acres
Basin H ImperviousArea =	0.54	acres
Basin I Impervious Area =	0.34	acres
Basin J Impervious Area =	0.45	acres
Total Impervious Area (Excluding Pond Area) =	1.33	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.07	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.14	acre-ft.
PLUS		
e TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.07	acre-ft.
TOTAL REQUIRED TREATMENT VOLUME =	**0.21**	**acre-ft.**
	9,251	**CF**

*See BMPTrains analysis for required inches over catchment area.

SMA-G STAGE VERSUS STORAGE RELATIONSHIP

Winter Springs Marketplace
Winter Springs, FL
CES#: 653,316

Overall System Footprint =	19,282	sf
Pipe Diameter =	27	in
Pipe Invert =	42.00	ft
Total Pipe Length =	5,797	ft
Stone Porosity =	30	%
Stone Above Pipe =	0	in
Stone Below Invert =	0	in

Elevation nutrient volume is provided:	43.33	ft.
Required Nutrient Treatment Volume:	0.25	ac.-ft.
Provided Nutrient Removal Volume:	0.40	ac.-ft.

			PIPE				STONE	SYSTEM		
	Elevation (ft)	System Depth (ft)	Section Depth	Section Area	Incr. Area (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Incr. Volume (cf)	Cummulative Volume (cf)	Cummulative Volume (ac.-ft.)
STONE	44.25	2.25	2.25	3.98	0.00	0.0	0.0	0.0	29,150.6	0.669
	44.25	2.25	2.25	3.98	0.00	0.0	0.0	0.0	29,150.6	0.669
PIPE	44.25	2.25	2.25	3.98	0.05	275.8	399.3	675.1	29,150.6	0.669
	44.17	2.17	2.17	3.93	0.09	495.3	333.5	828.8	28,475.5	0.654
	44.08	2.08	2.08	3.84	0.11	628.9	293.4	922.3	27,646.7	0.635
	44.00	2.00	2.00	3.73	0.13	729.4	263.2	992.6	26,724.4	0.614
	43.92	1.92	1.92	3.61	0.14	809.6	239.2	1,048.8	25,731.8	0.591
	43.83	1.83	1.83	3.47	0.15	875.1	219.5	1,094.6	24,683.0	0.567
	43.75	1.75	1.75	3.32	0.16	929.0	203.3	1,132.4	23,588.4	0.542
	43.67	1.67	1.67	3.16	0.17	973.4	190.0	1,163.4	22,456.0	0.516
	43.58	1.58	1.58	2.99	0.17	1,009.4	179.2	1,188.6	21,292.6	0.489
	43.50	1.50	1.50	2.82	0.18	1,037.9	170.7	1,208.6	20,104.0	0.462
	43.42	1.42	1.42	2.64	0.18	1,059.5	164.2	1,223.7	18,895.4	0.434
	43.33	1.33	1.33	2.45	0.19	1,074.7	159.6	1,234.4	17,671.7	0.406
	43.25	1.25	1.25	2.27	0.19	1,083.7	156.9	1,240.7	16,437.3	0.377
	43.17	1.17	1.17	2.08	0.19	1,086.7	156.0	1,242.8	15,196.7	0.349
	43.08	1.08	1.08	1.89	0.19	1,083.7	156.9	1,240.7	13,953.9	0.320
	43.00	1.00	1.00	1.71	0.19	1,074.7	159.6	1,234.4	12,713.2	0.292
	42.92	0.92	0.92	1.52	0.18	1,059.5	164.2	1,223.7	11,478.9	0.264
	42.83	0.83	0.83	1.34	0.18	1,037.9	170.7	1,208.6	10,255.2	0.235
	42.75	0.75	0.75	1.16	0.17	1,009.4	179.2	1,188.6	9,046.6	0.208
	42.67	0.67	0.67	0.99	0.17	973.4	190.0	1,163.4	7,858.0	0.180
	42.58	0.58	0.58	0.82	0.16	929.0	203.3	1,132.4	6,694.5	0.154
	42.50	0.50	0.50	0.66	0.15	875.1	219.5	1,094.6	5,562.2	0.128
	42.42	0.42	0.42	0.51	0.14	809.6	239.2	1,048.8	4,467.5	0.103
	42.33	0.33	0.33	0.37	0.13	729.4	263.2	992.6	3,418.8	0.078
	42.25	0.25	0.25	0.24	0.11	628.9	293.4	922.3	2,426.2	0.056
	42.17	0.17	0.17	0.13	0.09	495.3	333.5	828.8	1,503.9	0.035
	42.08	0.08	0.08	0.05	0.05	275.8	399.3	675.1	675.1	0.015
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
STONE	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000
	42.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.000

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED SWALE 1

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin H Area =	0.79	acres
Impervious Area =	0.54	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.03	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.06	acre-ft.
PLUS		
Online TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.03	acre-ft.
OR		
*Nutrient Removal = **0.93"** of runoff from drainage area = [(Basin Area-NWL Area)(**0.93"**)]/12" =	0.06	acre-ft.

TOTAL REQUIRED TREATMENT VOLUME =	**0.09**	**acre-ft.**
	3,859	**CF**
Required Treatment Volume at Elevation =	45.88	ft

Provided Treatment Volume =	**0.06**	**acre-ft.**
	2,658	**CF**
Provided Treatment Volume at Elevation =	45.25	ft

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	45.35	2	2,500	0.057	2,893	0.066
TOP OF STRUCTURE	45.25	1.9	2,390	0.055	2,648	0.061
	44.35	1	1,432	0.033	929	0.021
BOTTOM	43.35	0	425	0.010	0	0.000

* Slopes > Elev. 43.35 ft (3:1)

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED SWALE 2

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin I Area =	0.44	acres
Impervious Area =	0.34	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.02	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.04	acre-ft.
PLUS		
Online TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.02	acre-ft.
OR		
*Nutrient Removal = **1.65"** of runoff from drainage area = [(Basin Area-NWL Area)(**1.65"**)]/12" =	0.06	acre-ft.

TOTAL REQUIRED TREATMENT VOLUME =	**0.06**	**acre-ft.**
	2,659	**CF**
Required Treatment Volume at Elevation =	45.26	ft

Provided Treatment Volume =	**0.06**	**acre-ft.**
	2,658	**CF**
Provided Treatment Volume at Elevation =	45.25	ft

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	45.35	2	2,500	0.057	2,893	0.066
TOP OF STRUCTURE	45.25	1.9	2,390	0.055	2,648	0.061
	44.35	1	1,432	0.033	929	0.021
BOTTOM	43.35	0	425	0.010	0	0.000

* Slopes > Elev. 43.35 ft (3:1)

REQUIRED TREATMENT VOLUME & STAGE/STORAGE

DRY RETENTION PROPOSED SWALE 3

Littoral Zone Provided?	**NO**
Discharge Directly to Class I, II, III or OFW?	**NO**
Offline or Online?	**ONLINE**

Basin J Area =	0.53	acres
Impervious Area =	0.45	acres
TV = 0.5" of runoff over site = [(Basin Area)(0.5")]/12" =	0.02	acre-ft.
OR		
TV = 1.25" of runoff from imp. area = [(Imp Area)(1.25")]/12" =	0.05	acre-ft.
PLUS		
Online TV = 0.5" of runoff from drainage area = [(Basin Area)(0.5")]/12" =	0.02	acre-ft.
OR		
*Nutrient Removal = **0.53"** of runoff from drainage area = [(Basin Area-NWL Area)(**0.53"**)]/12" =	0.02	acre-ft.

TOTAL REQUIRED TREATMENT VOLUME =	**0.07**	**acre-ft.**
	3,023	**CF**
Required Treatment Volume at Elevation =	47.30	ft

Provided Treatment Volume =	**0.02**	**acre-ft.**
	1,025	**CF**
Provided Treatment Volume at Elevation =	45.25	ft

	Elevation (FT)	Feet	Area (SF)	Area (AC)	Volume Sum (CF)	Volume Sum (Ac-Ft)
T.O.B.	45.35	1.5	1,504	0.035	1,165	0.027
TOP OF STRUCTURE	45.25	1.4	1,406	0.032	1,020	0.023
	44.35	0.5	553	0.013	138	0.003
BOTTOM	43.85	0	0	0.000	0	0.000

* Slopes > Elev. 43.85 ft (3:1)

BMPTRAINS NUTRIENT REMOVAL REPORT

Complete Report (not including cost) Ver 2.1.0

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020 11:10:16 AM

Site and Catchment Information

Analysis: Net Improvement

Catchment Name	BASIN A & G.1	Basin B	Basin C	Basin D	Basin E	Basin F	Basin G.2	Basin H	Basin I	Basin J
Rainfall Zone	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2	Florida Zone 2
Annual Mean Rainfall	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03

Pre-Condition Landuse Information

Landuse	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346	Undeveloped - Upland Hardwood : TN=1.042 TP=0.346
Area (acres)	1.49	1.12	2.97	0.88	0.49	0.95	0.56	0.79	0.44	0.53
Rational Coefficient (0-1)	0.02	0.01	0.20	0.11	0.09	0.11	0.01	0.11	0.06	0.01

Non DCIA Curve Number	55.00	39.00	39.00	39.00	76.00	80.00	39.00	80.00	71.00	39.00
DCIA Percent (0-100)	0.00	0.50	23.80	13.00	0.00	0.00	0.00	0.00	0.00	0.00
Nitrogen EMC (mg/l)	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042	1.042
Phosphorus EMC (mg/l)	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346
Runoff Volume (ac-ft/yr)	0.137	0.049	2.439	0.406	0.174	0.440	0.015	0.366	0.113	0.014
Nitrogen Loading (kg/yr)	0.176	0.062	3.134	0.521	0.224	0.565	0.019	0.470	0.145	0.018
Phosphorus Loading (kg/yr)	0.058	0.021	1.041	0.173	0.074	0.188	0.006	0.156	0.048	0.006

PRE-CONDITION NITROGEN LOADING RATE

PRE-CONDITION PHOSPHOROUS LOADING RATE

Post-Condition Landuse Information

Landuse	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188	Low-Intensity Commercial: TN=1.13 TP=0.188

Area (acres)	1.49	1.12	2.97	0.88	0.49	0.95	0.56	0.79	0.44	0.53
Rational Coefficient (0-1)	0.59	0.23	0.70	0.63	0.63	0.57	0.81	0.55	0.63	0.69
Non DCIA Curve Number	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00
DCIA Percent (0-100)	72.50	27.70	86.90	77.30	77.50	70.50	100.00	68.30	77.30	84.90
Wet Pond Area (ac)	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nitrogen EMC (mg/l)	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.130	1.130
Phosphorus EMC (mg/l)	0.188	0.188	0.188	0.188	0.188	0.188	0.188	0.188	0.188	0.188
Runoff Volume (ac-ft/yr)	3.658	0.744	8.720	2.301	1.285	2.269	1.889	1.828	1.151	1.521
Nitrogen Loading (kg/yr)	5.096	1.036	12.149	3.206	1.790	3.161	2.632	2.547	1.603	2.119
Phosphorus Loading (kg/yr)	0.848	0.172	2.021	0.533	0.298	0.526	0.438	0.424	0.267	0.352

PRE-CONDITION NITROGEN LOADING RATE

PRE-CONDITION PHOSPHOROUS LOADING RATE

Catchment Number: 1 Name: BASIN A & G.1

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Retention Design

Retention Depth (in)	1.670
Retention Volume (ac-ft)	0.207

Watershed Characteristics

Catchment Area (acres)	1.49
Contributing Area (acres)	1.490
Non-DCIA Curve Number	39.00
DCIA Percent	72.50
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	97
Provided TN Treatment Efficiency (%)	91
Required TP Treatment Efficiency (%)	93
Provided TP Treatment Efficiency (%)	91

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

Media Mix Information

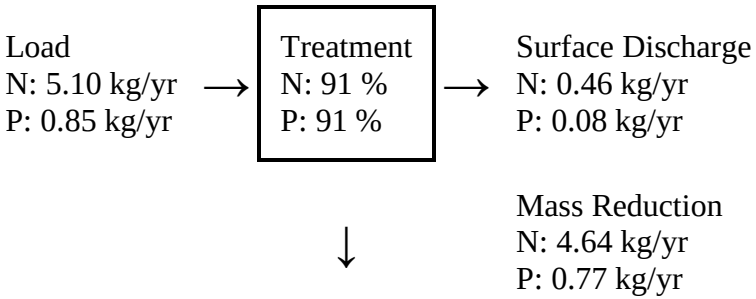
Type of Media Mix	Not Specified
Media N Reduction (%)	

Media P Reduction (%)

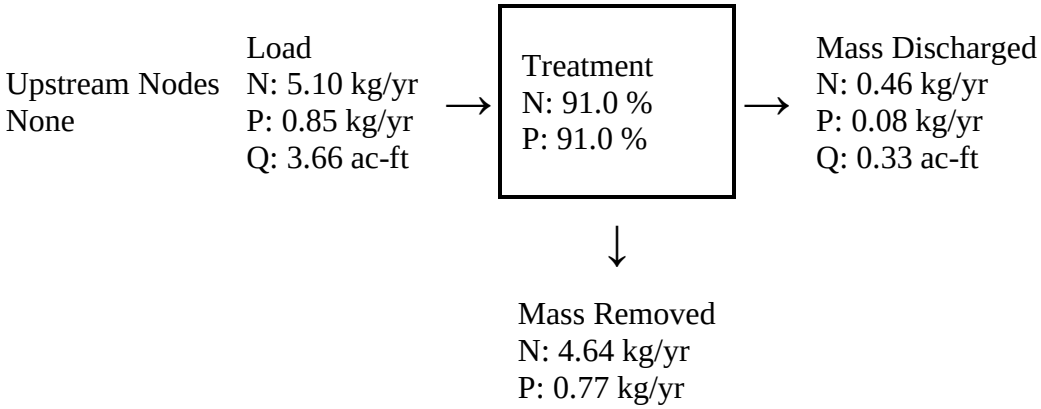
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	4.638
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.772
TP Concentration (mg/L)	0.000

Load Diagram for Retention (stand-alone)



Load Diagram for Retention (As Used In Routing)



Catchment Number: 2 Name: Basin B

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Wet Detention Design

Permanent Pool Volume (ac-ft)	0.063
Permanent Pool Volume (ac-ft) for 31 days residence	0.063
Annual Residence Time (days)	31
Littoral Zone Efficiency Credit	
Wetland Efficiency Credit	

Watershed Characteristics

Catchment Area (acres)	1.12
Contributing Area (acres)	0.780
Non-DCIA Curve Number	39.00
DCIA Percent	27.70

Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	94
Provided TN Treatment Efficiency (%)	38
Required TP Treatment Efficiency (%)	88
Provided TP Treatment Efficiency (%)	65

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

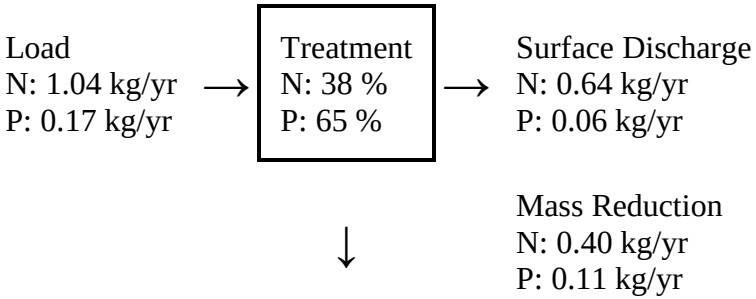
Media Mix Information

Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

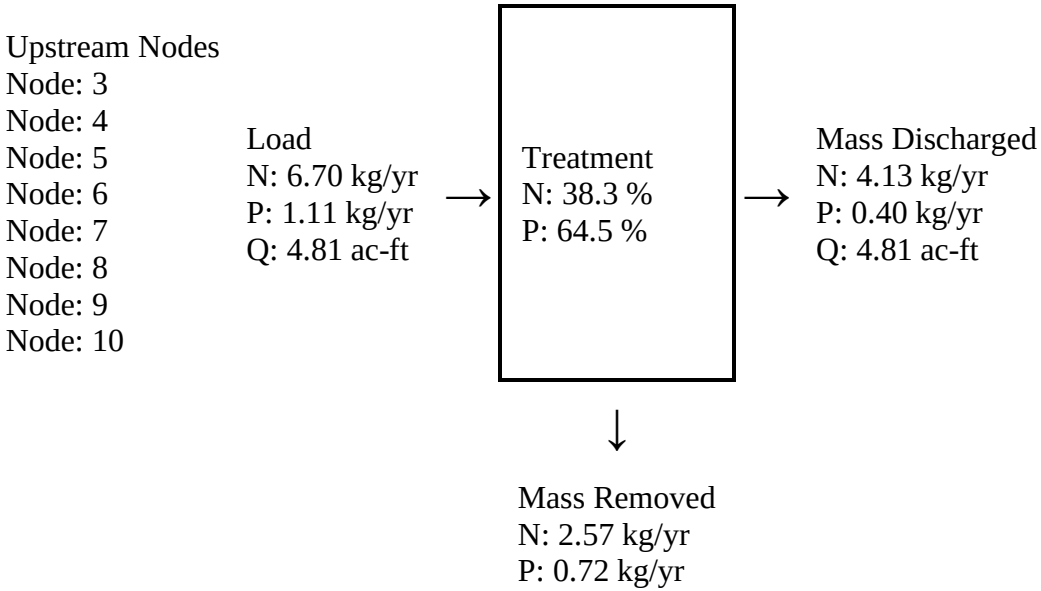
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	0.000
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.000
TP Concentration (mg/L)	0.000

Load Diagram for Wet Detention (stand-alone)



Load Diagram for Wet Detention (As Used In Routing)



Catchment Number: 3 Name: Basin C

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Exfiltration Trench Design

Pipe Span (in)	18.0
Pipe Rise (in)	18.0
Pipe Length (ft)	5,352.0
Trench Width (ft)	3.5
Trench Depth (ft)	1.5
Trench Length (ft)	5,355.5
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.35
Retention Depth (in over CA)	1.396

Watershed Characteristics

Catchment Area (acres)	2.97
Contributing Area (acres)	2.970
Non-DCIA Curve Number	39.00
DCIA Percent	86.90
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	74
Provided TN Treatment Efficiency (%)	83
Required TP Treatment Efficiency (%)	49

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

Provided TP Treatment Efficiency (%) 83

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

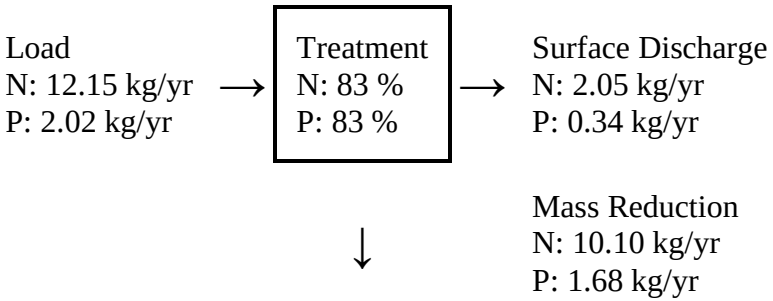
Media Mix Information

Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

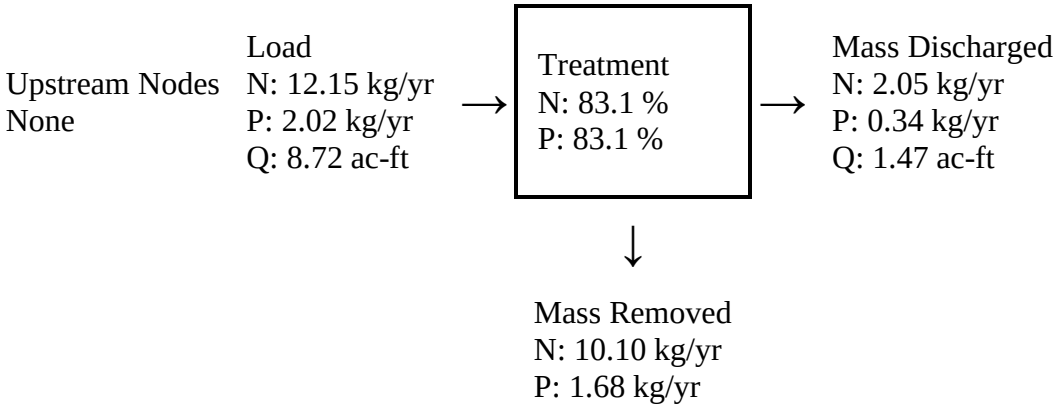
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	10.097
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	1.680
TP Concentration (mg/L)	0.000

Load Diagram for Exfiltration Trench (stand-alone)



Load Diagram for Exfiltration (As Used In Routing)



Catchment Number: 4 Name: Basin D

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Exfiltration Trench Design

Pipe Span (in)	24.0
Pipe Rise (in)	24.0
Pipe Length (ft)	1,018.0
Trench Width (ft)	4.0
Trench Depth (ft)	2.0
Trench Length (ft)	1,022.0
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.11

Retention Depth (in over CA) 1.469

Watershed Characteristics

Catchment Area (acres)	0.88
Contributing Area (acres)	0.880
Non-DCIA Curve Number	39.00
DCIA Percent	77.30
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	84
Provided TN Treatment Efficiency (%)	87
Required TP Treatment Efficiency (%)	68
Provided TP Treatment Efficiency (%)	87

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

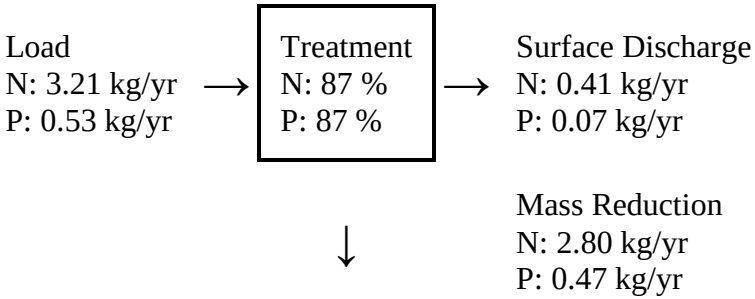
Media Mix Information

Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

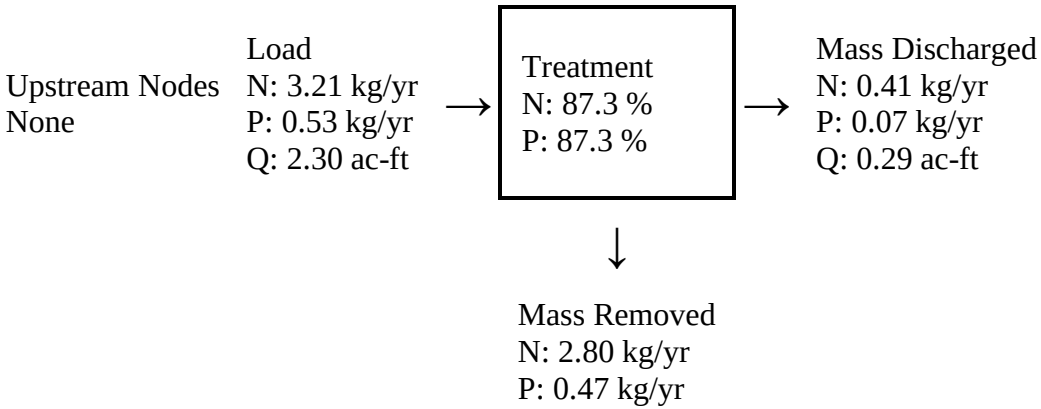
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	2.798
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.465
TP Concentration (mg/L)	0.000

Load Diagram for Exfiltration Trench (stand-alone)



Load Diagram for Exfiltration (As Used In Routing)



Catchment Number: 5 Name: Basin E

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Exfiltration Trench Design

Pipe Span (in)	23.0
Pipe Rise (in)	23.0
Pipe Length (ft)	946.0
Trench Width (ft)	3.9
Trench Depth (ft)	1.9
Trench Length (ft)	949.9
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.09
Retention Depth (in over CA)	2.261

Watershed Characteristics

Catchment Area (acres)	0.49
Contributing Area (acres)	0.490
Non-DCIA Curve Number	39.00
DCIA Percent	77.50
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	87
Provided TN Treatment Efficiency (%)	95
Required TP Treatment Efficiency (%)	75

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

Provided TP Treatment Efficiency (%) 95

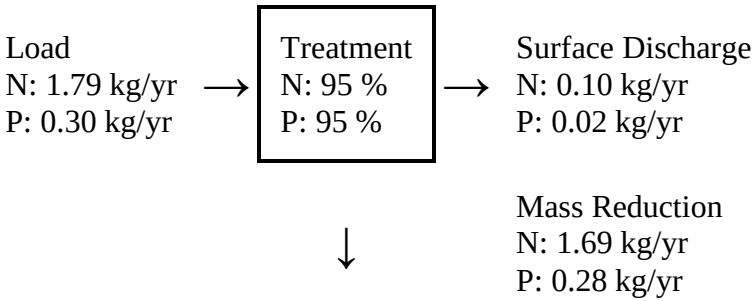
Media Mix Information

Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

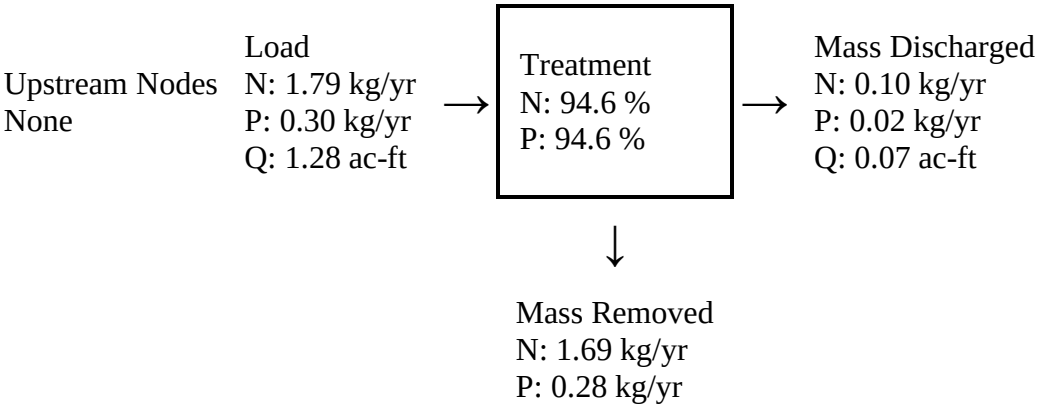
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	1.694
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.282
TP Concentration (mg/L)	0.000

Load Diagram for Exfiltration Trench (stand-alone)



Load Diagram for Exfiltration (As Used In Routing)



Catchment Number: 6 Name: Basin F

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Exfiltration Trench Design

Pipe Span (in)	37.0
Pipe Rise (in)	37.0
Pipe Length (ft)	471.0
Trench Width (ft)	5.1
Trench Depth (ft)	3.1
Trench Length (ft)	476.1
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.11

Retention Depth (in over CA) 1.369

Watershed Characteristics

Catchment Area (acres)	0.95
Contributing Area (acres)	0.950
Non-DCIA Curve Number	39.00
DCIA Percent	70.50
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	82
Provided TN Treatment Efficiency (%)	88
Required TP Treatment Efficiency (%)	64
Provided TP Treatment Efficiency (%)	88

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

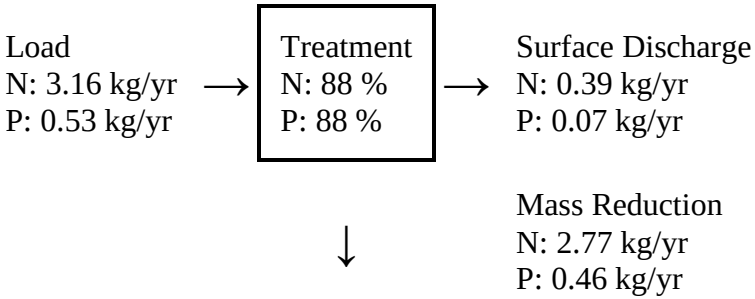
Media Mix Information

Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

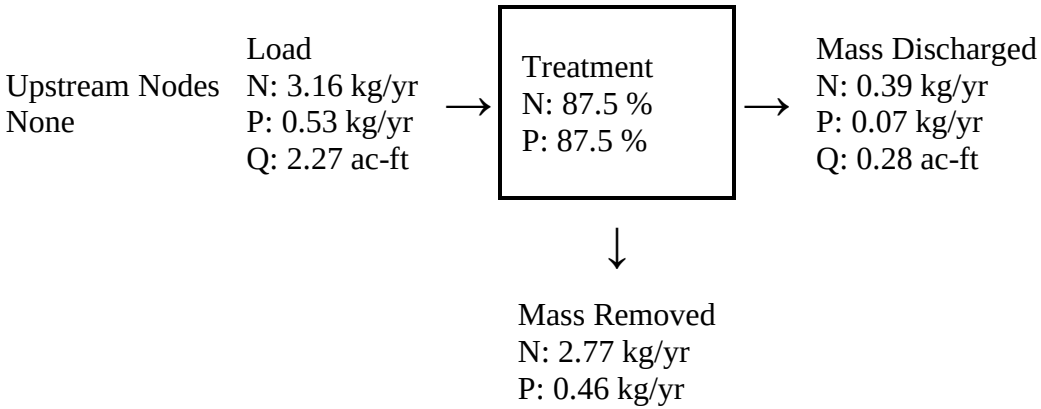
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	2.766
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.460
TP Concentration (mg/L)	0.000

Load Diagram for Exfiltration Trench (stand-alone)



Load Diagram for Exfiltration (As Used In Routing)



Catchment Number: 7 Name: Basin G.2

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

None Design

Watershed Characteristics

Catchment Area (acres)	0.56
Contributing Area (acres)	0.560
Non-DCIA Curve Number	39.00
DCIA Percent	100.00
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	99
Provided TN Treatment Efficiency (%)	
Required TP Treatment Efficiency (%)	99
Provided TP Treatment Efficiency (%)	

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

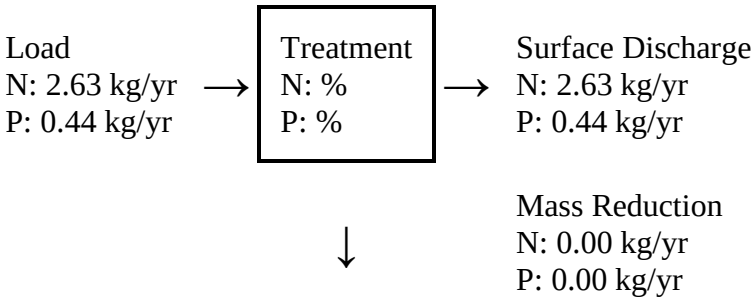
Media Mix Information

Type of Media Mix	
Media N Reduction (%)	0.000
Media P Reduction (%)	0.000

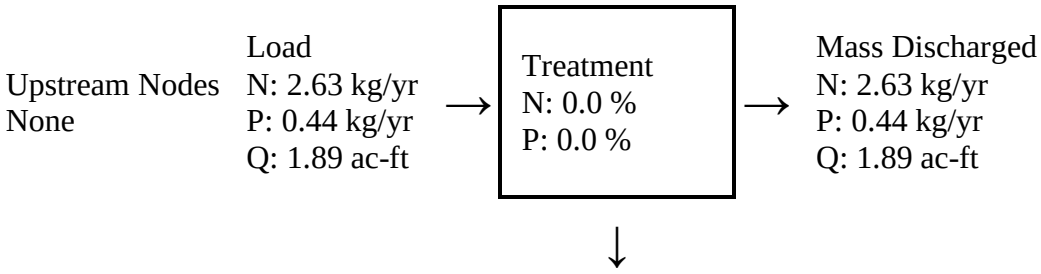
Groundwater Discharge (Stand-Alone)

Treatment Rate (MG/yr)	0.000
TN Mass Load (kg/yr)	0.000
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.000
TP Concentration (mg/L)	0.000

Load Diagram for None (stand-alone)



Load Diagram for None (As Used In Routing)



Mass Removed
N: 0.00 kg/yr
P: 0.00 kg/yr

Catchment Number: 8 Name: Basin H

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Multiple BMP in Series Design Parameters

BMP in Series Number: 1
BMP Type: Retention

Retention Depth (in)	0.930
Retention Volume (ac-ft)	0.061

BMP in Series Number: 2
BMP Type: Exfiltration

Pipe Span (in)	27.0
Pipe Rise (in)	27.0
Pipe Length (ft)	2,550.0
Trench Width (ft)	4.3
Trench Depth (ft)	2.3
Trench Length (ft)	2,554.3
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.34
Retention Depth (in over CA)	5.118

BMP in Series Number: 3
BMP Type: None

BMP in Series Number: 4
BMP Type: None

Watershed Characteristics

Catchment Area (acres)	0.79
Contributing Area (acres)	0.790
Non-DCIA Curve Number	39.00
DCIA Percent	68.30
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	82
Provided TN Treatment Efficiency (%)	99
Required TP Treatment Efficiency (%)	63
Provided TP Treatment Efficiency (%)	99

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

Media Mix Information

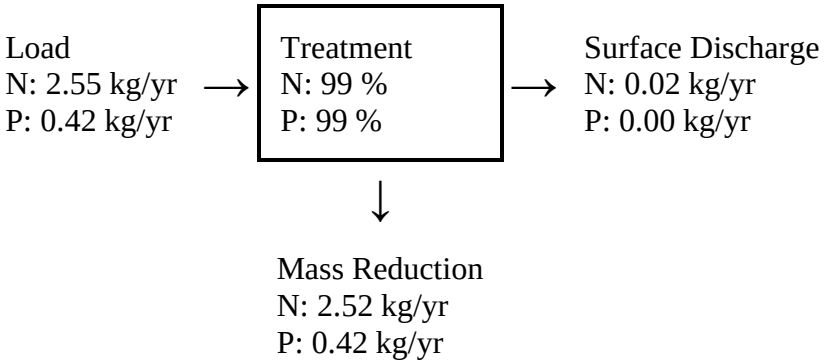
Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

Groundwater Discharge (Stand-Alone)

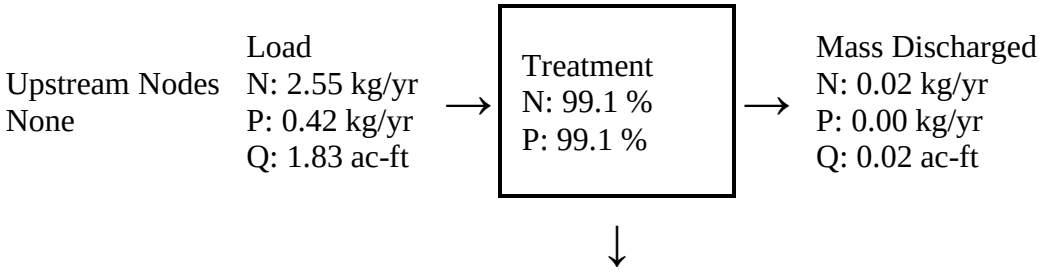
Treatment Rate (MG/yr)	0.000

TN Mass Load (kg/yr)	0.000
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.000
TP Concentration (mg/L)	0.000

Load for Multiple BMP in Series



Load Diagram for Multiple BMP (As Used In Routing)



Mass Removed
N: 2.52 kg/yr
P: 0.42 kg/yr

Catchment Number: 9 Name: Basin I

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Multiple BMP in Series Design Parameters

BMP in Series Number: 1
BMP Type: Retention

Retention Depth (in)	1.650
Retention Volume (ac-ft)	0.061

BMP in Series Number: 2
BMP Type: Exfiltration

Pipe Span (in)	27.0
Pipe Rise (in)	27.0
Pipe Length (ft)	2,550.0
Trench Width (ft)	4.3
Trench Depth (ft)	2.3
Trench Length (ft)	2,554.3
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.34
Retention Depth (in over CA)	9.189

BMP in Series Number: 3
BMP Type: None

BMP in Series Number: 4
BMP Type: None

Watershed Characteristics

Catchment Area (acres)	0.44
Contributing Area (acres)	0.440
Non-DCIA Curve Number	39.00
DCIA Percent	77.30
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	91
Provided TN Treatment Efficiency (%)	99
Required TP Treatment Efficiency (%)	82
Provided TP Treatment Efficiency (%)	99

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

Media Mix Information

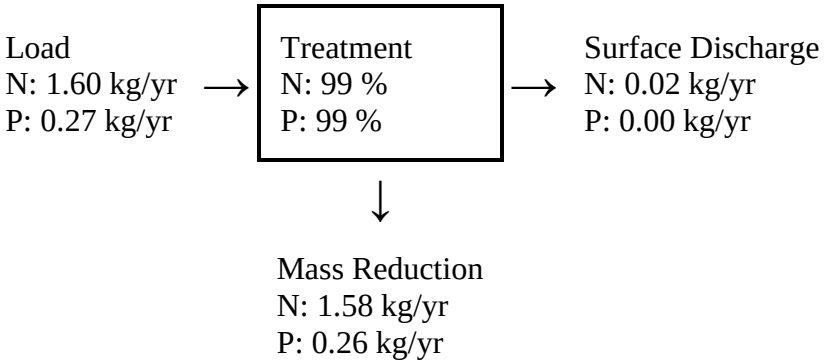
Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

Groundwater Discharge (Stand-Alone)

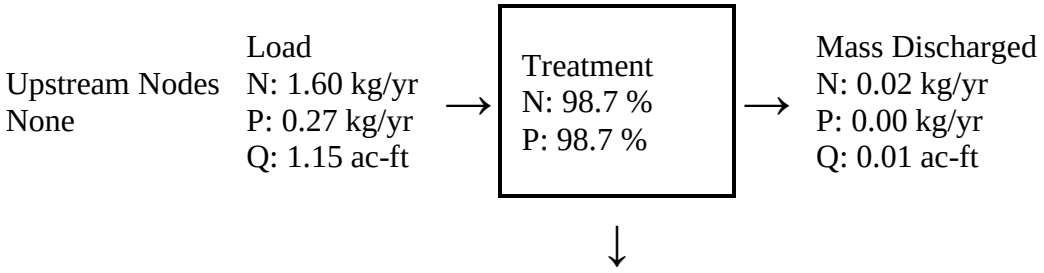
Treatment Rate (MG/yr)	0.000

TN Mass Load (kg/yr)	0.000
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.000
TP Concentration (mg/L)	0.000

Load for Multiple BMP in Series



Load Diagram for Multiple BMP (As Used In Routing)



Mass Removed
N: 1.58 kg/yr
P: 0.26 kg/yr

Catchment Number: 10 Name: Basin J

Project: Winter Springs Marketplace (Rev. 5)
Date: 11/12/2020

Multiple BMP in Series Design Parameters

BMP in Series Number: 1
BMP Type: Retention

Retention Depth (in)	0.530
Retention Volume (ac-ft)	0.023

BMP in Series Number: 2
BMP Type: Exfiltration

Pipe Span (in)	27.0
Pipe Rise (in)	27.0
Pipe Length (ft)	2,550.0
Trench Width (ft)	4.3
Trench Depth (ft)	2.3
Trench Length (ft)	2,554.3
Aggregate Void %	0.30
Storage Volume (Ac-ft)	0.34
Retention Depth (in over CA)	7.628

BMP in Series Number: 3
BMP Type: None

BMP in Series Number: 4
BMP Type: None

Watershed Characteristics

Catchment Area (acres)	0.53
Contributing Area (acres)	0.530
Non-DCIA Curve Number	39.00
DCIA Percent	84.90
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.03

Surface Water Discharge

Required TN Treatment Efficiency (%)	99
Provided TN Treatment Efficiency (%)	98
Required TP Treatment Efficiency (%)	98
Provided TP Treatment Efficiency (%)	98

REQUIRED & PROVIDED INDIVIDUAL BMP NITROGEN & PHOSPHOROUS REMOVAL EFFICIENCY

Media Mix Information

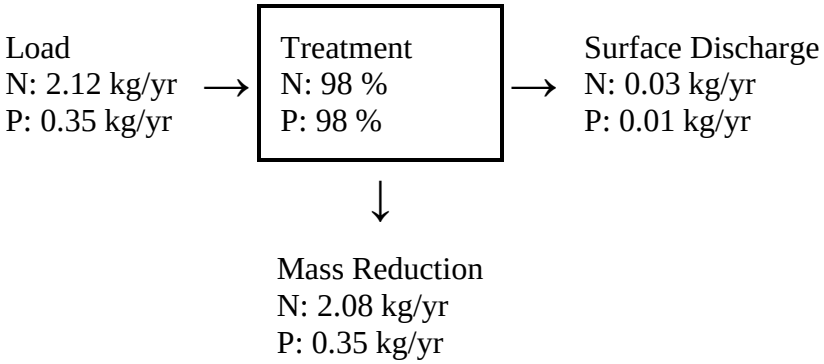
Type of Media Mix	Not Specified
Media N Reduction (%)	
Media P Reduction (%)	

Groundwater Discharge (Stand-Alone)

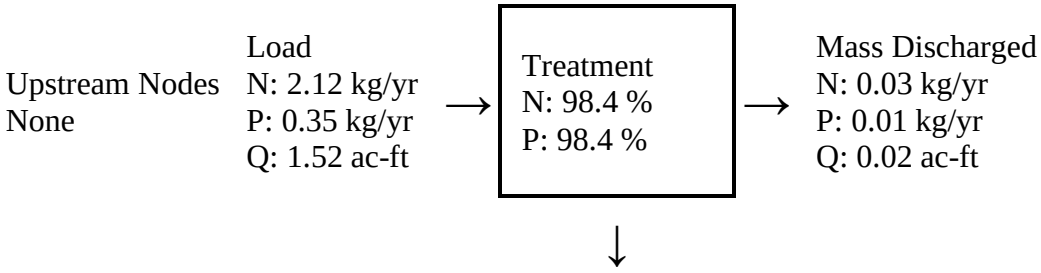
Treatment Rate (MG/yr)	0.000

TN Mass Load (kg/yr)	0.000
TN Concentration (mg/L)	0.000
TP Mass Load (kg/yr)	0.000
TP Concentration (mg/L)	0.000

Load for Multiple BMP in Series



Load Diagram for Multiple BMP (As Used In Routing)



Mass Removed
N: 2.08 kg/yr
P: 0.35 kg/yr

Summary Treatment Report Version: 2.1.0

Project: Winter Springs Marketplace (Rev. 5)

Date:11/12/2020

Analysis Type: Net Improvement
BMP Types:

- Catchment 1 - Retention
- Catchment 2 - Wet Detention
- Catchment 3 - Exfiltration Trench
- Catchment 4 - Exfiltration Trench
- Catchment 5 - Exfiltration Trench
- Catchment 6 - Exfiltration Trench
- Catchment 7 - None
- Catchment 8 - Multiple BMP
- Catchment 9 - Multiple BMP
- Catchment 10 - Multiple BMP

Total nitrogen target removal met? YES
Total phosphorus target removal met? YES

Treatment system each catchment provides

Routing Summary
Catchment 1 Routed to Outlet
Catchment 2 Routed to Outlet
Catchment 3 Routed to Catchment 2
Catchment 4 Routed to Catchment 2
Catchment 5 Routed to Catchment 2
Catchment 6 Routed to Catchment 2
Catchment 7 Routed to Catchment 2
Catchment 8 Routed to Catchment 2
Catchment 9 Routed to Catchment 2
Catchment 10 Routed to Catchment 2

How each of the catchments are routed to the ultimate outfall.

Confirmation the system, as designed, treats for nitrogen and phosphorous in the ultimate discharge from site

Summary Report

Nitrogen

Surface Water Discharge

Total N pre load	5.33 kg/yr	
Total N post load	35.34 kg/yr	
Target N load reduction	85 %	
Target N discharge load	5.33 kg/yr	
Percent N load reduction	87 %	
Provided N discharge load	4.59 kg/yr	10.12 lb/yr
Provided N load removed	30.75 kg/yr	67.8 lb/yr

Target overall site loading rate based on existing conditions loading rate

Provided overall site loading rate

Phosphorus

Surface Water Discharge

Total P pre load	1.771 kg/yr	
Total P post load	5.879 kg/yr	
Target P load reduction	70 %	
Target P discharge load	1.771 kg/yr	
Percent P load reduction	92 %	
Provided P discharge load	.472 kg/yr	1.04 lb/yr
Provided P load removed	5.407 kg/yr	11.924 lb/yr

Target overall site loading rate based on existing conditions loading rate

Provided overall site loading rate

From Pre-Condition Loads

Existing N Discharge	5.33 (kg/yr)
Existing P Discharge	1.771 (kg/yr)

REQUIRED SMA-B PPV CHECK

WET DETENTION PROPOSED POND SMA-B

Littoral Zone OR Pre-Treatment Provided?	**YES**
Discharge Directly to Class I, II, III or OFW?	**NO**

Basin B Area =	1.12	acres
Basin C Area =	2.97	acres
Basin D Area =	0.88	acres
Basin E Area =	0.49	acres
Basin F Area =	0.95	acres
Basin G.2 Area =	0.56	acres
Basin H Area =	0.79	acres
Basin I Area =	0.44	acres
Basin J Area =	0.53	acres
Total Basin Area =	8.74	acres

Basin B Impervious Area =	0.31	acres
Basin C Impervious Area =	2.58	acres
Basin D Impervious Area =	0.68	acres
Basin E Impervious Area =	0.38	acres
Basin F Impervious Area =	0.67	acres
Basin G.2 Impervious Area =	0.56	acres
Basin H Impervious Area =	0.54	acres
Basin I Impervious Area =	0.34	acres
Basin J Impervious Area =	0.45	acres
Total Impervious Area (Excluding pond area) =	6.50	acres

PPV = (DA*C*R*RT)/(WS* CF)

POND SMA-B

DA = Drainage Area =	8.74	acres
C = Runoff Coefficient =	0.735	
R = Wet Season Rainfall Depth =	31.0	inches
RT = Residence Time =	14	days
WS = Wet Season =	153	days
CF = Conversion Factor =	12	in/ft
Required PPV	1.52	ac-ft
additional 50% for no littoral Zone	N/A	ac-ft
additional 50% for OFW discharge	N/A	ac-ft

PPV Required for area of upstream basins draining through SMA-B in nutrient removal treatment train

PPV Required	**1.52 ac-ft**
PPV Provided	**1.82 ac-ft**

Runoff Coefficient Calculation

	AREA (AC)	RUNOFF COEFFICIENT
IMPERVIOUS AREA	6.50	0.90
PERVIOUS AREA	1.89	0.30

C = [(Impervious Area)x(0.90) + (Pervious Area)x(0.30)] / (Total Area)

RUNOFF COEFFICIENT =	0.735

APPENDIX D

Post- Development ICPR Analysis

Node Max Conditions [POST-CONDITIONS (DIVERSION)]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CS-C	100YR-24HR	47.08	40.70	0.0014	11.18	11.18	460
D15	100YR-24HR	46.78	44.63	0.0036	8.06	6.34	137
D16	100YR-24HR	46.89	44.62	-0.0014	8.86	8.64	309
D17	100YR-24HR	47.22	44.60	0.0015	16.13	15.96	238
D18	100YR-24HR	46.22	44.57	0.0014	15.96	15.80	325
D19	100YR-24HR	46.12	44.55	0.0107	15.80	15.64	293
D32	100YR-24HR	44.76	44.62	0.0145	14.48	10.88	100
D33	100YR-24HR	45.52	44.51	0.0210	36.62	25.61	196
D34	100YR-24HR	45.96	44.48	0.0835	83.54	36.62	151
D38	100YR-24HR	44.24	40.89	0.0010	8.31	8.33	367
D39	100YR-24HR	46.26	44.46	0.0010	2.69	2.52	177
D40	100YR-24HR	46.62	44.46	0.0010	2.86	2.69	191
D43	100YR-24HR	46.28	44.52	0.0010	3.03	2.86	178
GWT D & E	100YR-24HR	40.01	40.00	0.0000	0.00	0.00	0
GWT G & SWALES	100YR-24HR	40.01	40.00	0.0000	0.00	0.00	0
GWT-A	100YR-24HR	42.01	42.00	0.0000	0.00	0.00	0
GWT-C	100YR-24HR	41.01	41.00	0.0000	0.00	0.00	0
GWT-F	100YR-24HR	40.51	40.50	0.0000	0.00	0.00	0
JESUP POND 1	100YR-24HR	45.00	44.08	0.0004	50.50	24.21	56160
ONDICK	100YR-24HR	45.12	40.51	0.0019	34.97	34.97	568
POST-EAST-OUTFALL	100YR-24HR	39.94	39.94	0.0002	1.86	0.00	0
SMA-A.1	100YR-24HR	46.50	46.11	0.0003	6.74	6.60	5457
SMA-A.2	100YR-24HR	46.50	46.24	0.0007	3.61	3.36	2754
SMA-B	100YR-24HR	45.00	44.46	-0.0535	33.41	83.54	24586
SMA-C	100YR-24HR	44.63	44.63	-0.0145	18.21	15.62	13197
SMA-D	100YR-24HR	44.30	44.61	0.0006	5.17	4.83	3308
SMA-E	100YR-24HR	44.25	44.63	0.0004	3.10	0.95	4673
SMA-F	100YR-24HR	44.65	44.63	0.0004	5.32	6.51	3811
SMA-G	100YR-24HR	44.52	44.64	0.0005	12.75	7.24	15012
SWALE 1	100YR-24HR	45.35	45.38	0.0003	4.33	4.31	2483
SWALE 2	100YR-24HR	45.35	45.34	0.0003	2.61	2.59	2477

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
SWALE 3	100YR-24HR	45.35	45.36	0.0002	3.24	3.23	1525
WETLAND	100YR-24HR	35.01	35.00	0.0000	34.97	9.73	0
CS-C	10YR-24HR	47.08	36.87	0.0014	6.44	3.90	460
D15	10YR-24HR	46.78	43.68	0.0009	3.83	3.81	139
D16	10YR-24HR	46.89	43.68	-0.0014	5.16	5.17	309
D17	10YR-24HR	47.22	43.68	-0.0017	8.57	8.37	238
D18	10YR-24HR	46.22	43.68	0.0014	8.37	8.26	325
D19	10YR-24HR	46.12	43.67	0.0107	12.03	8.16	293
D32	10YR-24HR	44.76	43.77	0.0145	14.48	8.26	100
D33	10YR-24HR	45.52	43.67	0.0210	36.62	16.32	196
D34	10YR-24HR	45.96	43.67	0.0835	83.54	36.62	151
D38	10YR-24HR	44.24	36.88	0.0010	3.64	2.88	367
D39	10YR-24HR	46.26	43.66	0.0010	2.06	1.97	177
D40	10YR-24HR	46.62	43.67	0.0010	2.16	2.06	191
D43	10YR-24HR	46.28	43.67	0.0010	2.26	2.16	180
GWT D & E	10YR-24HR	40.01	40.00	0.0000	0.00	0.00	0
GWT G & SWALES	10YR-24HR	40.01	40.00	0.0000	0.00	0.00	0
GWT-A	10YR-24HR	42.01	42.00	0.0000	0.00	0.00	0
GWT-C	10YR-24HR	41.01	41.00	0.0000	0.00	0.00	0
GWT-F	10YR-24HR	40.51	40.50	0.0000	0.00	0.00	0
JESUP POND 1	10YR-24HR	45.00	43.52	0.0005	36.21	16.51	54546
ONDICK	10YR-24HR	45.12	36.85	0.0019	20.26	20.25	568
POST-EAST-OUTFALL	10YR-24HR	39.94	39.94	0.0003	0.28	0.00	0
SMA-A.1	10YR-24HR	46.50	46.01	0.0005	4.02	3.71	5289
SMA-A.2	10YR-24HR	46.50	46.06	0.0007	2.69	2.08	2551
SMA-B	10YR-24HR	45.00	43.66	-0.0535	20.15	83.54	22538
SMA-C	10YR-24HR	44.63	43.85	-0.0145	13.27	14.48	13198
SMA-D	10YR-24HR	44.30	44.34	0.0009	3.67	3.16	3308
SMA-E	10YR-24HR	44.25	43.68	0.0003	2.03	0.67	4673
SMA-F	10YR-24HR	44.65	43.69	0.0006	3.69	3.11	3812
SMA-G	10YR-24HR	44.52	43.88	0.0006	11.95	4.21	15008
SWALE 1	10YR-24HR	45.35	45.35	0.0004	2.99	2.97	2483

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
SWALE 2	10YR-24HR	45.35	45.32	0.0005	1.85	1.84	2460
SWALE 3	10YR-24HR	45.35	45.34	0.0001	2.35	2.35	1507
WETLAND	10YR-24HR	35.01	35.00	0.0000	20.25	9.73	0
CS-C	25YR-24HR	47.08	37.97	0.0014	6.44	5.72	460
D15	25YR-24HR	46.78	43.88	0.0010	4.72	4.63	139
D16	25YR-24HR	46.89	43.88	-0.0011	6.63	6.51	309
D17	25YR-24HR	47.22	43.88	-0.0014	11.08	10.96	238
D18	25YR-24HR	46.22	43.87	0.0014	10.96	10.85	325
D19	25YR-24HR	46.12	43.87	0.0107	12.03	10.73	293
D32	25YR-24HR	44.76	43.90	0.0145	14.48	9.45	100
D33	25YR-24HR	45.52	43.86	0.0210	36.62	19.62	196
D34	25YR-24HR	45.96	43.86	0.0835	83.54	36.62	151
D38	25YR-24HR	44.24	38.00	0.0010	3.95	4.02	367
D39	25YR-24HR	46.26	43.86	0.0010	2.20	2.08	177
D40	25YR-24HR	46.62	43.86	0.0010	2.33	2.20	191
D43	25YR-24HR	46.28	43.87	0.0010	2.46	2.33	178
GWT D & E	25YR-24HR	40.01	40.00	0.0000	0.00	0.00	0
GWT G & SWALES	25YR-24HR	40.01	40.00	0.0000	0.00	0.00	0
GWT-A	25YR-24HR	42.01	42.00	0.0000	0.00	0.00	0
GWT-C	25YR-24HR	41.01	41.00	0.0000	0.00	0.00	0
GWT-F	25YR-24HR	40.51	40.50	0.0000	0.00	0.00	0
JESUP POND 1	25YR-24HR	45.00	43.64	0.0004	39.93	19.90	54907
ONDICK	25YR-24HR	45.12	37.92	0.0019	25.47	25.46	568
POST-EAST-OUTFALL	25YR-24HR	39.94	39.94	0.0003	0.57	0.00	0
SMA-A.1	25YR-24HR	46.50	46.05	0.0005	4.72	4.54	5348
SMA-A.2	25YR-24HR	46.50	46.11	0.0007	2.93	2.45	2613
SMA-B	25YR-24HR	45.00	43.85	-0.0535	24.40	83.54	23023
SMA-C	25YR-24HR	44.63	43.97	-0.0145	14.56	14.48	13198
SMA-D	25YR-24HR	44.30	44.40	0.0010	4.06	3.66	3308
SMA-E	25YR-24HR	44.25	43.88	0.0003	2.24	0.88	4673
SMA-F	25YR-24HR	44.65	43.89	0.0006	4.11	3.71	3811
SMA-G	25YR-24HR	44.52	44.00	0.0005	12.49	4.63	15010

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
SWALE 1	25YR-24HR	45.35	45.36	0.0004	3.34	3.32	2483
SWALE 2	25YR-24HR	45.35	45.33	0.0005	2.05	2.04	2465
SWALE 3	25YR-24HR	45.35	45.34	0.0001	2.58	2.58	1515
WETLAND	25YR-24HR	35.01	35.00	0.0000	25.46	9.73	0
CS-C	MEAN ANNUAL	47.08	35.02	0.0014	6.44	3.64	460
D15	MEAN ANNUAL	46.78	41.71	-0.0001	0.16	0.16	100
D16	MEAN ANNUAL	46.89	41.71	0.0008	0.39	0.27	301
D17	MEAN ANNUAL	47.22	41.71	0.0010	0.89	0.99	238
D18	MEAN ANNUAL	46.22	41.70	0.0012	2.29	1.40	325
D19	MEAN ANNUAL	46.12	41.70	0.0107	12.03	2.29	293
D32	MEAN ANNUAL	44.76	43.39	0.0145	14.48	0.40	100
D33	MEAN ANNUAL	45.52	41.70	0.0210	36.62	12.03	196
D34	MEAN ANNUAL	45.96	41.70	0.0835	83.54	36.62	151
D38	MEAN ANNUAL	44.24	35.02	0.0010	3.64	0.32	367
D39	MEAN ANNUAL	46.26	41.70	0.0010	1.19	1.17	203
D40	MEAN ANNUAL	46.62	41.70	0.0010	1.22	1.19	193
D43	MEAN ANNUAL	46.28	41.70	0.0010	1.22	1.22	232
GWT D & E	MEAN ANNUAL	40.01	40.00	0.0000	0.00	0.00	0
GWT G & SWALES	MEAN ANNUAL	40.01	40.00	0.0000	0.00	0.00	0
GWT-A	MEAN ANNUAL	42.01	42.00	0.0000	0.00	0.00	0
GWT-C	MEAN ANNUAL	41.01	41.00	0.0000	0.00	0.00	0
GWT-F	MEAN ANNUAL	40.51	40.50	0.0000	0.00	0.00	0
JESUP POND 1	MEAN ANNUAL	45.00	42.77	0.0004	16.99	1.76	52411
ONDICK	MEAN ANNUAL	45.12	35.02	0.0019	9.73	6.44	568
POST-EAST-OUTFALL	MEAN ANNUAL	39.94	39.94	0.0006	0.00	0.00	0
SMA-A.1	MEAN ANNUAL	46.50	45.67	0.0003	1.61	0.26	4726
SMA-A.2	MEAN ANNUAL	46.50	45.67	0.0007	1.45	0.82	2114
SMA-B	MEAN ANNUAL	45.00	41.70	-0.0535	2.52	83.54	17695
SMA-C	MEAN ANNUAL	44.63	43.39	-0.0145	6.59	14.48	13198
SMA-D	MEAN ANNUAL	44.30	43.84	0.0004	1.67	0.26	3308
SMA-E	MEAN ANNUAL	44.25	43.13	0.0002	0.92	0.02	4673
SMA-F	MEAN ANNUAL	44.65	43.07	0.0003	1.55	0.16	3811

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
SMA-G	MEAN ANNUAL	44.52	43.39	0.0003	4.56	0.17	15010
SWALE 1	MEAN ANNUAL	45.35	45.29	0.0004	1.23	0.70	2430
SWALE 2	MEAN ANNUAL	45.35	45.26	0.0003	0.85	0.15	2408
SWALE 3	MEAN ANNUAL	45.35	45.30	0.0001	1.16	1.15	1465
WETLAND	MEAN ANNUAL	35.01	35.00	0.0000	2.12	9.73	0

Simple Basin Runoff Summary [POST-CONDITIONS (DIVERSION)]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN A	100YR-24HR	3.83	12.0500	10.60	6.57	0.8267	68.6	0.00	0.00
BASIN B	100YR-24HR	5.67	12.0500	10.60	7.23	1.1200	73.5	0.00	0.00
BASIN C	100YR-24HR	18.21	12.0500	10.60	9.38	2.9700	90.1	0.00	0.00
BASIN D	100YR-24HR	5.17	12.0500	10.60	8.67	0.8832	84.5	0.00	0.00
BASIN E	100YR-24HR	2.85	12.0500	10.60	8.68	0.4872	84.6	0.00	0.00
BASIN F	100YR-24HR	5.32	12.0500	10.60	8.11	0.9536	80.2	0.00	0.00
BASIN G.1	100YR-24HR	3.61	12.0833	10.60	10.36	0.6659	98.0	0.00	0.00
BASIN G.2	100YR-24HR	3.03	12.0833	10.60	10.36	0.5591	98.0	0.00	0.00
BASIN H	100YR-24HR	4.33	12.0500	10.60	7.97	0.7877	79.1	0.00	0.00
BASIN I	100YR-24HR	2.61	12.0500	10.60	8.71	0.4439	84.8	0.00	0.00
BASIN J	100YR-24HR	3.24	12.0500	10.60	9.30	0.5302	89.5	0.00	0.00
JESSUP	100YR-24HR	50.50	12.1333	10.60	8.99	11.0300	87.0	0.00	0.00
BASIN A	10YR-24HR	2.46	12.0500	7.90	4.21	0.8267	68.6	0.00	0.00
BASIN B	10YR-24HR	3.77	12.0500	7.90	4.77	1.1200	73.5	0.00	0.00
BASIN C	10YR-24HR	13.27	12.0500	7.90	6.71	2.9700	90.1	0.00	0.00
BASIN D	10YR-24HR	3.67	12.0500	7.90	6.05	0.8832	84.5	0.00	0.00
BASIN E	10YR-24HR	2.03	12.0500	7.90	6.06	0.4872	84.6	0.00	0.00
BASIN F	10YR-24HR	3.69	12.0500	7.90	5.55	0.9536	80.2	0.00	0.00
BASIN G.1	10YR-24HR	2.69	12.0833	7.90	7.66	0.6659	98.0	0.00	0.00
BASIN G.2	10YR-24HR	2.26	12.0833	7.90	7.66	0.5591	98.0	0.00	0.00
BASIN H	10YR-24HR	2.99	12.0500	7.90	5.42	0.7877	79.1	0.00	0.00
BASIN I	10YR-24HR	1.85	12.0500	7.90	6.09	0.4439	84.8	0.00	0.00
BASIN J	10YR-24HR	2.35	12.0500	7.90	6.64	0.5302	89.5	0.00	0.00
JESSUP	10YR-24HR	36.21	12.1333	7.90	6.35	11.0300	87.0	0.00	0.00
BASIN A	25YR-24HR	2.81	12.0500	8.60	4.81	0.8267	68.6	0.00	0.00
BASIN B	25YR-24HR	4.26	12.0500	8.60	5.40	1.1200	73.5	0.00	0.00
BASIN C	25YR-24HR	14.56	12.0500	8.60	7.40	2.9700	90.1	0.00	0.00
BASIN D	25YR-24HR	4.06	12.0500	8.60	6.73	0.8832	84.5	0.00	0.00
BASIN E	25YR-24HR	2.24	12.0500	8.60	6.74	0.4872	84.6	0.00	0.00
BASIN F	25YR-24HR	4.11	12.0500	8.60	6.21	0.9536	80.2	0.00	0.00
BASIN G.1	25YR-24HR	2.93	12.0833	8.60	8.36	0.6659	98.0	0.00	0.00
BASIN G.2	25YR-24HR	2.46	12.0833	8.60	8.36	0.5591	98.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN H	25YR-24HR	3.34	12.0500	8.60	6.07	0.7877	79.1	0.00	0.00
BASIN I	25YR-24HR	2.05	12.0500	8.60	6.76	0.4439	84.8	0.00	0.00
BASIN J	25YR-24HR	2.58	12.0500	8.60	7.33	0.5302	89.5	0.00	0.00
JESSUP	25YR-24HR	39.93	12.1333	8.60	7.03	11.0300	87.0	0.00	0.00
BASIN A	MEAN ANNUAL	0.79	12.0667	4.30	1.44	0.8267	68.6	0.00	0.00
BASIN B	MEAN ANNUAL	1.38	12.0667	4.30	1.78	1.1200	73.5	0.00	0.00
BASIN C	MEAN ANNUAL	6.59	12.0500	4.30	3.21	2.9700	90.1	0.00	0.00
BASIN D	MEAN ANNUAL	1.67	12.0500	4.30	2.68	0.8832	84.5	0.00	0.00
BASIN E	MEAN ANNUAL	0.92	12.0500	4.30	2.69	0.4872	84.6	0.00	0.00
BASIN F	MEAN ANNUAL	1.55	12.0500	4.30	2.31	0.9536	80.2	0.00	0.00
BASIN G.1	MEAN ANNUAL	1.45	12.0833	4.30	4.06	0.6659	98.0	0.00	0.00
BASIN G.2	MEAN ANNUAL	1.22	12.0833	4.30	4.06	0.5591	98.0	0.00	0.00
BASIN H	MEAN ANNUAL	1.23	12.0500	4.30	2.22	0.7877	79.1	0.00	0.00
BASIN I	MEAN ANNUAL	0.85	12.0500	4.30	2.71	0.4439	84.8	0.00	0.00
BASIN J	MEAN ANNUAL	1.16	12.0500	4.30	3.15	0.5302	89.5	0.00	0.00
JESSUP	MEAN ANNUAL	16.99	12.1500	4.30	2.91	11.0300	87.0	0.00	0.00

Simple Basin: BASIN A

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-A.1
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8267 ac
Curve Number:	68.6
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN B

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.1200 ac
Curve Number:	73.5
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN C

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-C
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.9700 ac
Curve Number:	90.1
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN D

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-D
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8832 ac
Curve Number:	84.5
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN E

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-E
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4872 ac
Curve Number:	84.6
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN F

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-F
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	9999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9536 ac
Curve Number:	80.2
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN G.1

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SMA-A.2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6659 ac
Curve Number:	98.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN G.2

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	D43
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5591 ac
Curve Number:	98.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN H

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SWALE 1
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7877 ac
Curve Number:	79.1
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN I

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SWALE 2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4439 ac
Curve Number:	84.8
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: BASIN J

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	SWALE 3
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5302 ac
Curve Number:	89.5
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: JESSUP

Scenario:	POST-CONDITIONS (DIVERSION)
Node:	JESUP POND 1
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	19.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	11.0300 ac
Curve Number:	87.0
% Impervious:	0.00
% DCIA:	0.00

% Direct: 0.00
Rainfall Name:

Comment: BASED ON SJRWMD APP. NO. 97490-1

Node: CS-C

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 33.30 ft
Warning Stage: 47.08 ft

Comment:

Node: D15

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 41.30 ft
Warning Stage: 46.78 ft

Comment:

Node: D16

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 40.18 ft
Warning Stage: 46.89 ft

Comment:

Node: D17

Scenario: POST-CONDITIONS

(DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 35.15 ft
Warning Stage: 47.22 ft

Comment:

Node: D18

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 35.06 ft
Warning Stage: 46.22 ft

Comment:

Node: D19

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 34.93 ft
Warning Stage: 46.12 ft

Comment:

Node: D32

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 40.25 ft
Warning Stage: 44.76 ft

Comment:

Node: D33

Scenario:	POST-CONDITIONS (DIVERSION)
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	34.86 ft
Warning Stage:	45.52 ft

Comment:

Node: D34

Scenario:	POST-CONDITIONS (DIVERSION)
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	34.34 ft
Warning Stage:	45.96 ft

Comment:

Node: D38

Scenario:	POST-CONDITIONS (DIVERSION)
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	33.80 ft
Warning Stage:	44.24 ft

Comment:

Node: D39

Scenario:	POST-CONDITIONS (DIVERSION)
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	39.23 ft
Warning Stage:	46.26 ft

Comment:

Node: D40

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 39.37 ft
Warning Stage: 46.62 ft

Comment:

Node: D43

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 39.29 ft
Warning Stage: 46.28 ft

Comment:

Node: GWT D & E

Scenario: POST-CONDITIONS (DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 40.00 ft
Warning Stage: 40.01 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	40.00
0	0	0	72.0000	40.00

Comment: SYSTEM SMA-E - SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-4, B-6, B-9

SYSTEM SMA-D - SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-9, B-11, B-12, B-15

Node: GWT G & SWALES

Scenario: POST-CONDITIONS (DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 40.00 ft
Warning Stage: 40.01 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	40.00
0	0	0	72.0000	40.00

Comment: SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-2, B-3, B-5, B-6

Node: GWT-A

Scenario: POST-CONDITIONS (DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 42.00 ft
Warning Stage: 42.01 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	42.00
0	0	0	72.0000	42.00

Comment: SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-7 & B-13

Node: GWT-C

Scenario: POST-CONDITIONS (DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 41.00 ft
Warning Stage: 41.01 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	41.00
0	0	0	72.0000	41.00

Comment: SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-8, B-11, B-16

Node: GWT-F

Scenario: POST-CONDITIONS (DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 40.50 ft
Warning Stage: 40.51 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	40.50
0	0	0	72.0000	40.50

Comment: SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-3, B-4, B-6

Node: JESUP POND 1

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 41.20 ft
Warning Stage: 45.00 ft

Stage [ft]	Area [ac]	Area [ft2]
41.20	1.1010	47960
45.00	1.3490	58762

Comment: BASED ON SJRWMD APP. NO. 97490-1, NODE "POND 1"

Node: ONDICK

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 32.89 ft
Warning Stage: 45.12 ft

Comment: BASED ON AS-BUILTS FOR STRUCTURE "S-7" PROVIDED BY THE CITY OF WINTER SPRINGS.

Node: POST-EAST-OUTFALL

Scenario: POST-CONDITIONS

(DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 38.94 ft
Warning Stage: 39.94 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	38.94
0	0	0	24.0000	39.94

Comment: BASED ON OUTFALL "NODE 99" FROM SJRWMD PERMIT NO. 83445-1. CONVERTED FROM NGVD29 TO NAVD88 USING 1.056-FT CONVERSION FACTOR.

Node: SMA-A.1

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 43.50 ft
Warning Stage: 46.50 ft

Stage [ft]	Area [ac]	Area [ft2]
43.50	0.0410	1786
44.50	0.0680	2962
45.50	0.1020	4443
46.50	0.1400	6098

Comment:

Node: SMA-A.2

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 43.50 ft
Warning Stage: 46.50 ft

Stage [ft]	Area [ac]	Area [ft2]
43.50	0.0090	392
44.50	0.0230	1002
45.50	0.0440	1917
46.50	0.0700	3049

Comment:

Node: SMA-B

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 40.50 ft
Warning Stage: 45.00 ft

Stage [ft]	Area [ac]	Area [ft2]
40.50	0.3430	14941
41.00	0.3690	16074
42.00	0.4220	18382
43.00	0.4790	20865
44.00	0.5370	23392
45.00	0.5970	26005

Comment:

Node: SMA-C

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 42.00 ft
Warning Stage: 44.63 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
42.00	0.00	0
42.08	0.02	653
42.17	0.03	1394
42.25	0.05	2265
42.33	0.07	3180
42.42	0.10	4138
42.50	0.12	5140
42.58	0.14	6186
42.67	0.17	7187
42.75	0.19	8233
42.83	0.21	9278
42.92	0.24	10324
43.00	0.26	11326
43.08	0.28	12327
43.17	0.31	13286
43.25	0.33	14201
43.33	0.35	15072
43.42	0.36	15812
43.50	0.37	16248
43.58	0.38	16596

Comment: SHWT ASSUMED TO BE 41-FT NAVD-88

SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-8, B-11, B-16

Node: SMA-D

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 42.00 ft
Warning Stage: 44.30 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
42.00	0.00	0
42.08	0.00	131
42.17	0.01	348
42.25	0.01	523
42.33	0.02	741
42.42	0.02	958
42.50	0.03	1220
42.58	0.03	1481
42.67	0.04	1699
42.75	0.05	1960
42.83	0.05	2222
42.92	0.06	2483
43.00	0.06	2744
43.08	0.07	3006
43.17	0.08	3267
43.25	0.08	3528
43.33	0.09	3790
43.42	0.09	4008
43.50	0.10	4269
43.58	0.10	4487
43.67	0.11	4748
43.75	0.11	4966
43.83	0.12	5140
43.92	0.12	5314
44.00	0.13	5489

Comment: SHWT ASSUMED TO BE 40-FT NAVD88

SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-9, B-11, B-12, B-15

Node: SMA-E

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 42.00 ft
Warning Stage: 44.25 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
42.00	0.00	0
42.08	0.01	218
42.17	0.01	436
42.25	0.02	741
42.33	0.02	1045
42.42	0.03	1350
42.50	0.04	1655
42.58	0.05	2004
42.67	0.05	2352
42.75	0.06	2701
42.83	0.07	3049
42.92	0.08	3398
43.00	0.09	3746
43.08	0.10	4138
43.17	0.10	4487
43.25	0.11	4835
43.33	0.12	5184
43.42	0.13	5489
43.50	0.13	5837
43.58	0.14	6142
43.67	0.15	6447
43.75	0.15	6708
43.83	0.16	6970
43.92	0.17	7187

Comment: SHWT ASSUMED TO BE 40-FT NAVD88

SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-4, B-6, B-9

Node: SMA-F

Scenario: POST-CONDITIONS
(DIVERSION)
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 41.50 ft
Warning Stage: 44.65 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
44.58	0.23	9888

Stage [ft]	Volume [ac-ft]	Volume [ft3]
44.50	0.22	9757
44.42	0.22	9540
44.33	0.21	9322
44.25	0.21	9104
44.17	0.20	8886
44.08	0.20	8625
44.00	0.19	8364
43.92	0.19	8102
43.83	0.18	7797
43.75	0.17	7536
43.67	0.17	7231
43.58	0.16	6926
43.50	0.15	6621
43.42	0.14	6316
43.33	0.14	6011
43.25	0.13	5706
43.17	0.12	5401
43.08	0.12	5097
43.00	0.11	4792
42.92	0.10	4487
42.83	0.10	4182
42.75	0.09	3877
42.67	0.08	3572
42.58	0.08	3267
42.50	0.07	2962
42.42	0.06	2657
42.33	0.06	2396
42.25	0.05	2091
42.17	0.04	1830
42.08	0.04	1525
42.00	0.03	1263
41.92	0.02	1045
41.83	0.02	784
41.75	0.01	566
41.67	0.01	348
41.58	0.00	174
41.50	0.00	0

Comment: SHWT ASSUMED TO BE 40.5-FT NAVD88

SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-3, B-4, B-6

Node: SMA-G

Scenario: POST-CONDITIONS (DIVERSION)

Type: Stage/Volume

Base Flow: 0.00 cfs
Initial Stage: 42.00 ft
Warning Stage: 44.52 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
42.00	0.00	0
42.08	0.02	653
42.17	0.04	1525
42.25	0.06	2439
42.33	0.08	3398
42.42	0.10	4487
42.50	0.13	5576
42.58	0.15	6708
42.67	0.18	7841
42.75	0.21	9060
42.83	0.24	10237
42.92	0.26	11500
43.00	0.29	12720
43.08	0.32	13939
43.17	0.35	15202
43.25	0.38	16422
43.33	0.41	17685
43.42	0.43	18905
43.50	0.46	20125
43.58	0.49	21301
43.67	0.52	22477
43.75	0.54	23610
43.83	0.57	24699
43.92	0.59	25744
44.00	0.61	26746
44.08	0.64	27661
44.17	0.65	28488
44.25	0.67	29142

Comment: SHWT ASSUMED TO BE 40.0-FT NAVD88

SHWT BASED ON THE AVERAGE OF DATA FROM SOIL BORINGS B-2, B-3, B-5, B-6

Node: SWALE 1

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 43.35 ft
Warning Stage: 45.35 ft

Stage [ft]	Area [ac]	Area [ft2]
43.35	0.0100	436
44.35	0.0330	1437
45.25	0.0550	2396
45.35	0.0570	2483

Comment:

Node: SWALE 2

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 43.35 ft
Warning Stage: 45.35 ft

Stage [ft]	Area [ac]	Area [ft2]
43.35	0.0100	436
44.35	0.0330	1437
45.25	0.0550	2396
45.35	0.0570	2483

Comment:

Node: SWALE 3

Scenario: POST-CONDITIONS (DIVERSION)
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 43.85 ft
Warning Stage: 45.35 ft

Stage [ft]	Area [ac]	Area [ft2]
43.85	0.0000	0
44.35	0.0130	566
45.25	0.0320	1394
45.35	0.0350	1525

Comment:

Node: WETLAND

Scenario: POST-CONDITIONS

(DIVERSION)
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 35.00 ft
Warning Stage: 35.01 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	35.00
0	0	0	48.0000	35.00

Comment: BASED ON SJRWMD APP. NO. 97490-1

Pipe Link: CS-C > ONDICK		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	33.20 ft	Invert:	33.10 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	CS-C	Geometry: Circular		Geometry: Circular	
To Node:	ONDICK	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	49.05 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00	Top Clip			
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: D-38 > CS-C		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	33.80 ft	Invert:	33.20 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D38	Geometry: Circular		Geometry: Circular	
To Node:	CS-C	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	295.59 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00	Top Clip			
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: D15 > D16		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	41.30 ft	Invert:	41.15 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D15	Geometry: Circular		Geometry: Circular	
To Node:	D16	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	75.10 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: D16 > D17		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	40.18 ft	Invert:	40.03 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D16	Geometry: Circular		Geometry: Circular	
To Node:	D17	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	157.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50	Top Clip			
Exit Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: D17 > D18		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	35.15 ft	Invert:	35.06 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D17	Geometry: Circular		Geometry: Circular	
To Node:	D18	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Link Count:	1	Bottom Clip			

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	89.40 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50	Top Clip			
Exit Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: D18 > D19		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	35.06 ft	Invert:	35.93 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D18	Geometry: Circular		Geometry: Circular	
To Node:	D19	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	128.96 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50	Top Clip			
Exit Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: D19 > D33		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	34.93 ft	Invert:	34.86 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D19	Geometry: Circular		Geometry: Circular	
To Node:	D33	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	74.84 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00	Top Clip			
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Drop Structure Link: D32 > D33		Upstream Pipe		Downstream Pipe	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	40.92 ft	Invert:	38.73 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D32	Geometry: Circular		Geometry: Circular	
To Node:	D33	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Solution:	Combine	Op Table:		Op Table:	
Increments:	0	Ref Node:		Ref Node:	
Pipe Count:	1	Manning's N:	0.0000	Manning's N:	0.0000
Damping:	0.0000 ft	Top Clip			
Length:	72.59 ft	Default:	0.00 ft	Default:	0.00 ft
FHWA Code:	1	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	
Exit Loss Coef:	1.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	43.33 ft	Ref Node:	
Control Elevation:	43.33 ft	Discharge Coefficients	
Max Depth:	999999999.00 ft	Weir Default:	3.200
Max Width:	8.75 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment:

Pipe Link: D33 > D34		Upstream		Downstream	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	34.86 ft	Invert:	34.34 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D33	Geometry: Circular		Geometry: Circular	
To Node:	D34	Max Depth:	3.50 ft	Max Depth:	3.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	48.00 ft	Ref Node:		Ref Node:	

FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00		Top Clip		
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: D34 > SMA-B		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	34.34 ft	Invert:	33.93 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D34	Geometry: Circular		Geometry: Circular	
To Node:	SMA-B	Max Depth:	3.50 ft	Max Depth:	3.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	38.41 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00		Top Clip		
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: D39 > SMA-B		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	39.23 ft	Invert:	39.00 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D39	Geometry: Circular		Geometry: Circular	
To Node:	SMA-B	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Positive	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	105.71 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00		Top Clip		
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: D40 > D39		Upstream		Downstream	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	39.37 ft	Invert:	39.23 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D40	Geometry: Circular		Geometry: Circular	
To Node:	D39	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	71.33 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1.00	Top Clip			
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: D43 > D40		Upstream		Downstream	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	40.29 ft	Invert:	39.90 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	D43	Geometry: Circular		Geometry: Circular	
To Node:	D40	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	196.50 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50	Top Clip			
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Drop Structure Link: JESUP POND OUTFALL		Upstream Pipe		Downstream Pipe	
		Invert:	38.25 ft	Invert:	32.89 ft
Scenario:	POST-CONDITIONS (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
From Node:	JESUP POND 1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	ONDICK	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Solution:	Combine	Ref Node:		Ref Node:	
Increments:	0	Manning's N:	0.0000	Manning's N:	0.0000
Pipe Count:	1	Top Clip			

Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	1004.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment: LENGTH OF PIPE AND INVERTS BASED ON AS-BUILTS PROVIDED BY CITY OF WINTER SPRINGS

Weir Component

Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	43.64 ft
Control Elevation:	43.64 ft
Max Depth:	3.00 ft
Max Width:	4.50 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: TYPE E INLET

Weir Component

Weir:	2
Weir Count:	2
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	42.57 ft
Control Elevation:	42.57 ft
Max Depth:	999999999.00 ft
Max Width:	2.75 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	41.46 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	

Control Elevation:	41.46 ft
Max Depth:	0.24 ft

Ref Node:	
Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Pipe Link: OUTFALL		Upstream		Downstream	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	32.89 ft	Invert:	29.53 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	ONDICK	Geometry: Circular		Geometry: Circular	
To Node:	WETLAND	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	890.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment: BASED ON ELEVATIONS AND LENGTHS PROVIDED WITHIN AS-BUILTS PROVIDED BY CITY OF WINTER SPRINGS.

Percolation Link: SMA A.1 > GWT			
Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	SMA-A.1	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GWT-A	Perimeter 1:	200.00 ft
Link Count:	1	Perimeter 2:	200.00 ft
Flow Direction:	Both	Perimeter 3:	200.00 ft
Aquifer Base Elevation:	25.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	42.00 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	25.500 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	0.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.50 ft		

Comment:

Percolation Link: SMA A.2 > GWT			
Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	Vary Based on Stage/Area Table
From Node:	SMA-A.2	Vertical Flow Termination:	Horizontal Flow Algorithm
To Node:	GWT-A	Perimeter 1:	200.00 ft
Link Count:	1	Perimeter 2:	200.00 ft
Flow Direction:	Both	Perimeter 3:	200.00 ft
Aquifer Base Elevation:	25.00 ft	Distance P1 to P2:	50.00 ft
Water Table Elevation:	42.00 ft	Distance P2 to P3:	450.00 ft
Annual Recharge Rate:	0 ipy	# of Cells P1 to P2:	10
Horizontal Conductivity:	25.500 fpd	# of Cells P2 to P3:	45
Vertical Conductivity:	0.000 fpd		
Fillable Porosity:	0.250		
Layer Thickness:	1.50 ft		

Comment:

Drop Structure Link: SMA B > EAST OUTFALL		Upstream Pipe		Downstream Pipe	
		Invert:	39.84 ft	Invert:	39.55 ft
Scenario:	POST-CONDITIONS (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
From Node:	SMA-B	Max Depth:	1.50 ft	Max Depth:	1.50 ft
To Node:	POST-EAST-OUTFALL	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	59.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00				
Exit Loss Coef:	0.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment: NGVD TO NAVD CONVERSION FACTOR OF 1.056.
POND OUTFALL TO TIE INTO LOWEST ELEVATION OF EXISTING STRUCTURE AT INVERT 40.61 (NGVD)

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	44.50 ft		

Control Elevation:	44.50 ft
Max Depth:	3.00 ft
Max Width:	4.50 ft
Fillet:	0.00 ft

Ref Node:	
Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: TYPE E BOX

Weir Component

Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	43.35 ft
Control Elevation:	43.35 ft
Max Depth:	999999999.00 ft
Max Width:	0.50 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Drop Structure Link: SMA B > WEST OUTFALL		Upstream Pipe		Downstream Pipe	
		Invert:	34.26 ft	Invert:	33.80 ft
Scenario:	POST-CONDITIONS (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
From Node:	SMA-B	Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	D38	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Solution:	Combine	Ref Node:		Ref Node:	
Increments:	0	Manning's N:	0.0000	Manning's N:	0.0000
Pipe Count:	1	Top Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	230.08 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component			
Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Horizontal	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	44.50 ft	Op Table:	
Control Elevation:	44.50 ft	Ref Node:	
Max Depth:	3.00 ft	Discharge Coefficients	
Max Width:	4.50 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: TYPE E BOX

Weir Component			
Weir:	2	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	43.00 ft	Op Table:	
Control Elevation:	43.00 ft	Ref Node:	
Max Depth:	999999999.00 ft	Discharge Coefficients	
Max Width:	1.40 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component			
Weir:	3	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Circular	Default:	0.00 ft
Invert:	40.50 ft	Op Table:	
Control Elevation:	40.50 ft	Ref Node:	
Max Depth:	0.25 ft	Discharge Coefficients	
		Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment:

Pipe Link: SMA C > D32		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	39.80 ft	Invert:	39.73 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	SMA-C	Geometry: Circular		Geometry: Circular	
To Node:	D32	Max Depth:	2.00 ft	Max Depth:	2.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	70.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Percolation Link: SMA C > GWT			
Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	User Specified
		Bottom Elevation:	42.00 ft
From Node:	SMA-C	Surface Area:	0.7185 ac
To Node:	GWT-C	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	354.00 ft
Flow Direction:	Both	Perimeter 2:	432.00 ft
Aquifer Base Elevation:	25.00 ft	Perimeter 3:	490.00 ft
Water Table Elevation:	41.00 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	25.500 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	0.000 fpd	# of Cells P2 to P3:	45
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		
Comment:			

Percolation Link: SMA D > GWT			
Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	User Specified
		Bottom Elevation:	42.00 ft
From Node:	SMA-D	Surface Area:	0.3090 ac
To Node:	GWT D & E	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	254.00 ft
Flow Direction:	Both	Perimeter 2:	337.00 ft
Aquifer Base Elevation:	25.00 ft	Perimeter 3:	1044.00 ft
Water Table Elevation:	40.00 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	25.500 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	0.000 fpd	# of Cells P2 to P3:	45

Fillable Porosity:	0.250
Layer Thickness:	2.00 ft

Comment:

Percolation Link: SMA E > GWT

Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	User Specified
		Bottom Elevation:	42.00 ft
From Node:	SMA-E	Surface Area:	0.5063 ac
To Node:	GWT D & E	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	120.00 ft
Flow Direction:	Both	Perimeter 2:	120.00 ft
Aquifer Base Elevation:	25.00 ft	Perimeter 3:	120.00 ft
Water Table Elevation:	40.00 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	25.500 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	0.000 fpd	# of Cells P2 to P3:	45
Fillable Porosity:	0.250		
Layer Thickness:	2.00 ft		

Comment:

Percolation Link: SMA G > GWT

Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	User Specified
		Bottom Elevation:	42.00 ft
From Node:	SMA-G	Surface Area:	0.8593 ac
To Node:	GWT G & SWALES	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	389.00 ft
Flow Direction:	Both	Perimeter 2:	468.00 ft
Aquifer Base Elevation:	25.00 ft	Perimeter 3:	1161.00 ft
Water Table Elevation:	40.00 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	25.500 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	0.000 fpd	# of Cells P2 to P3:	45
Fillable Porosity:	0.250		
Layer Thickness:	2.00 ft		

Comment:

Pipe Link: SMA G > SMA C

		Upstream	Downstream
Scenario:	POST-CONDITIONS (DIVERSION)	Invert: 42.00 ft	Invert: 42.00 ft
		Manning's N: 0.0200	Manning's N: 0.0200
From Node:	SMA-G	Geometry: Circular	Geometry: Circular
To Node:	SMA-C	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Link Count:	2	Bottom Clip	

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	95.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Weir Link: SMA-A > CS-C (1)

Scenario:	POST-CONDITIONS (DIVERSION)	Bottom Clip	
		Default:	0.00 ft
From Node:	SMA-A.1	Op Table:	
To Node:	CS-C	Ref Node:	
Link Count:	1	Top Clip	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Sharp Crested Vertical	Ref Node:	
Geometry Type:	Rectangular	Discharge Coefficients	
Invert:	45.60 ft	Weir Default:	2.800
Control Elevation:	45.60 ft	Weir Table:	
Max Depth:	999999.00 ft	Orifice Default:	0.600
Max Width:	5.00 ft	Orifice Table:	
Fillet:	0.00 ft		

Comment:

Weir Link: SMA-A > CS-C (2)

Scenario:	POST-CONDITIONS (DIVERSION)	Bottom Clip	
		Default:	0.00 ft
From Node:	SMA-A.1	Op Table:	
To Node:	CS-C	Ref Node:	
Link Count:	1	Top Clip	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Horizontal	Ref Node:	
Geometry Type:	Rectangular	Discharge Coefficients	
Invert:	46.00 ft	Weir Default:	2.800
Control Elevation:	46.00 ft	Weir Table:	
Max Depth:	3.08 ft	Orifice Default:	0.600
Max Width:	4.08 ft	Orifice Table:	
Fillet:	0.00 ft		

Comment:

Pipe Link: SMA-A EQUALIZER		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	44.00 ft	Invert:	43.50 ft
	S (DIVERSION)	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	SMA-A.2	Geometry: Circular		Geometry: Circular	
To Node:	SMA-A.1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	146.00 ft	Ref Node:		Ref Node:	
FHWA Code:	5	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: SMA-C > D17		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	42.00 ft	Invert:	43.33 ft
	S (DIVERSION)	Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SMA-C	Geometry: Circular		Geometry: Circular	
To Node:	D17	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	27.70 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: SMA-D > D17		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	42.00 ft	Invert:	43.66 ft
	S (DIVERSION)	Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SMA-D	Geometry: Circular		Geometry: Circular	
To Node:	D17	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	2	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	48.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			

Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: SMA-E > D16		Upstream		Downstream	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	42.00 ft	Invert:	43.06 ft
		Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SMA-E	Geometry: Circular		Geometry: Circular	
To Node:	D16	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	67.10 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Percolation Link: SMA-F > GWT			
Scenario:	POST-CONDITIONS (DIVERSION)	Surface Area Option:	User Specified
		Bottom Elevation:	41.50 ft
From Node:	SMA-F	Surface Area:	0.1354 ac
To Node:	GWT-F	Vertical Flow Termination:	Horizontal Flow Algorithm
Link Count:	1	Perimeter 1:	157.00 ft
Flow Direction:	Both	Perimeter 2:	236.00 ft
Aquifer Base Elevation:	25.00 ft	Perimeter 3:	943.00 ft
Water Table Elevation:	40.50 ft	Distance P1 to P2:	50.00 ft
Annual Recharge Rate:	0 ipy	Distance P2 to P3:	450.00 ft
Horizontal Conductivity:	25.500 fpd	# of Cells P1 to P2:	10
Vertical Conductivity:	0.000 fpd	# of Cells P2 to P3:	45
Fillable Porosity:	0.250		
Layer Thickness:	1.00 ft		

Comment:

Pipe Link: SMA-G > D15		Upstream		Downstream	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	42.00 ft	Invert:	43.33 ft
		Manning's N:	0.0200	Manning's N:	0.0200

From Node:	SMA-G	Geometry: Circular		Geometry: Circular	
To Node:	D15	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	27.70 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: SMA-G > D16		Upstream		Downstream	
Scenario:	POST-CONDITION	Invert:	42.00 ft	Invert:	43.33 ft
	S (DIVERSION)	Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SMA-G	Geometry: Circular		Geometry: Circular	
To Node:	D16	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	53.40 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Drop Structure Link: SWALE 1 > SMA G		Upstream Pipe		Downstream Pipe	
Scenario:	POST-CONDITION	Invert:	42.10 ft	Invert:	42.00 ft
	S (DIVERSION)	Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SWALE 1	Geometry: Circular		Geometry: Circular	
To Node:	SMA-G	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	2	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Solution:	Combine	Op Table:		Op Table:	
Increments:	0	Ref Node:		Ref Node:	
Pipe Count:	1	Manning's N:	0.0000	Manning's N:	0.0000
Damping:	0.0000 ft	Top Clip			
Length:	4.00 ft	Default:	0.00 ft	Default:	0.00 ft
FHWA Code:	1	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	

Exit Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component

Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	45.25 ft
Control Elevation:	45.25 ft
Max Depth:	3.08 ft
Max Width:	4.08 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: TYPE D BOX

Drop Structure Comment:

Drop Structure Link: SWALE 2 > SMA G		Upstream Pipe		Downstream Pipe	
Scenario:	POST-CONDITIONS (DIVERSION)	Invert:	42.10 ft	Invert:	42.00 ft
		Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SWALE 2	Geometry: Circular		Geometry: Circular	
To Node:	SMA-G	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	2	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Solution:	Combine	Op Table:		Op Table:	
Increments:	0	Ref Node:		Ref Node:	
Pipe Count:	1	Manning's N:	0.0000	Manning's N:	0.0000
Damping:	0.0000 ft	Top Clip			
Length:	4.00 ft	Default:	0.00 ft	Default:	0.00 ft
FHWA Code:	1	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component

Weir:	1
Weir Count:	1

Bottom Clip

Default:	0.00 ft

Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	45.25 ft
Control Elevation:	45.25 ft
Max Depth:	3.08 ft
Max Width:	4.08 ft
Fillet:	0.00 ft

Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: TYPE D BOX

Drop Structure Comment:

Drop Structure Link: SWALE 3 > SMA G		Upstream Pipe		Downstream Pipe	
Scenario:	POST-CONDITION S (DIVERSION)	Invert:	42.10 ft	Invert:	42.00 ft
		Manning's N:	0.0200	Manning's N:	0.0200
From Node:	SWALE 3	Geometry: Circular		Geometry: Circular	
To Node:	SMA-G	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	2	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Solution:	Combine	Op Table:		Op Table:	
Increments:	0	Ref Node:		Ref Node:	
Pipe Count:	1	Manning's N:	0.0000	Manning's N:	0.0000
Damping:	0.0000 ft	Top Clip			
Length:	4.00 ft	Default:	0.00 ft	Default:	0.00 ft
FHWA Code:	1	Op Table:		Op Table:	
Entr Loss Coef:	0.00	Ref Node:		Ref Node:	
Exit Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component	
Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	45.25 ft
Control Elevation:	45.25 ft
Max Depth:	3.08 ft
Max Width:	4.08 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	3.200

Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: TYPE D BOX

Drop Structure Comment:

Weir Link: WEIR SMA-F > D40

Scenario:	POST-CONDITIONS (DIVERSION)	**Bottom Clip**	
		Default:	0.00 ft
From Node:	SMA-F	Op Table:	
To Node:	D15	Ref Node:	
Link Count:	2	**Top Clip**	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Sharp Crested Vertical	Ref Node:	
Geometry Type:	Arch Structural Plate	**Discharge Coefficients**	
Invert:	43.00 ft	Weir Default:	2.800
Control Elevation:	43.00 ft	Weir Table:	
Max Depth:	1.58 ft	Orifice Default:	0.600
Max Width:	3.08 ft	Orifice Table:	

Comment:

Simulation: 100YR-24HR

Scenario:	POST-CONDITIONS (DIVERSION)
Run Date/Time:	11/10/2020 6:11:39 PM
Program Version:	ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set: SITE
Green-Ampt Set:
Vertical Layers Set:
Impervious Set: SITE
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: ~FLMOD
Rainfall Amount: 10.60 in
Storm Duration: 24.0000 hr
Dflt Damping (1D): 0.0050 ft

Min Node Srf Area (2D):	100 ft2	Min Node Srf Area (1D):	100 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment: 100 yr / 24 hr

Simulation: 10YR-24HR

Scenario: POST-CONDITIONS (DIVERSION)
Run Date/Time: 11/10/2020 6:27:23 PM
Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:	
Reference ET Folder:	
Unit Hydrograph Folder:	

Lookup Tables

Boundary Stage Set:	
Extern Hydrograph Set:	
Curve Number Set:	SITE
Green-Ampt Set:	
Vertical Layers Set:	
Impervious Set:	SITE
Roughness Set:	
Crop Coef Set:	
Fillable Porosity Set:	
Conductivity Set:	
Leakage Set:	

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight Fact:	0.5 dec		
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	~FLMOD
		Rainfall Amount:	7.90 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	100 ft2	Min Node Srf Area (1D):	100 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment: 10 yr / 24 hr

Simulation: 25YR-24HR

Scenario:	POST-CONDITIONS (DIVERSION)
Run Date/Time:	11/10/2020 6:37:55 PM
Program Version:	ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set: SITE
Green-Ampt Set:
Vertical Layers Set:
Impervious Set: SITE
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
IA Recovery Time: 24.0000 hr
ET for Manual Basins: False

Over-Relax Weight Fact:	0.5 dec		
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	~FLMOD
		Rainfall Amount:	8.60 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	100 ft2	Min Node Srf Area (1D):	100 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment: 25 yr / 24 hr

Simulation: MEAN ANNUAL

Scenario: POST-CONDITIONS (DIVERSION)
Run Date/Time: 11/10/2020 6:49:02 PM
Program Version: ICPR4 4.07.04

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000
0	0	0	14.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000
0	0	0	8.0000	5.0000

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	14.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set: SITE
Green-Ampt Set:
Vertical Layers Set:
Impervious Set: SITE
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area (2D): 100 ft2
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: ~FLMOD
Rainfall Amount: 4.30 in
Storm Duration: 24.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment: Mean Annual (2.33 yr / 24 hr)

APPENDIX E

Wet & Dry Pond Recovery Analysis

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	0.0000	45.60	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	0.2501	45.42	0.85
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	0.5003	45.25	0.80
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	0.7501	45.07	0.75
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	1.0001	44.90	0.70
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	1.2502	44.76	0.45
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	1.5004	44.65	0.36
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	1.7500	44.56	0.31
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	2.0000	44.48	0.28
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	2.2501	44.40	0.25
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	2.5002	44.32	0.23
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	2.7501	44.25	0.21
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	3.0001	44.19	0.19
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	3.2503	44.13	0.16
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	3.5002	44.08	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	3.7502	44.05	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	4.0002	44.02	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	4.2504	43.99	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	4.5004	43.96	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	4.7501	43.94	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	5.0005	43.91	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	5.2505	43.89	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	5.5000	43.87	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	5.7500	43.84	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	6.0005	43.82	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	6.2504	43.80	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	6.5005	43.78	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	6.7500	43.76	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	7.0000	43.74	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	7.2504	43.73	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	7.5005	43.71	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	7.7502	43.69	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	8.0001	43.68	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	8.2501	43.66	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	8.5000	43.64	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	8.7506	43.63	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	9.0002	43.61	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	9.2504	43.60	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	9.5003	43.59	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	9.7502	43.57	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	10.0000	43.56	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	10.2501	43.55	0.03

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	10.5006	43.53	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	10.7501	43.52	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	11.0004	43.51	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	11.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	11.5002	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	11.7503	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	12.0003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	12.2506	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	12.5005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	12.7505	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	13.0002	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	13.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	13.5000	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	13.7500	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	14.0004	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	14.2507	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	14.5001	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	14.7506	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	15.0000	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	15.2502	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	15.5001	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	15.7502	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	16.0003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	16.2506	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	16.5006	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	16.7504	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	17.0006	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	17.2503	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	17.5005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	17.7502	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	18.0001	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	18.2503	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	18.5003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	18.7506	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	19.0004	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	19.2502	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	19.5005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	19.7506	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	20.0007	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	20.2503	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	20.5005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	20.7503	43.50	0.00

SMA-A.1 RECOVERS WITHIN 11.25 HOURS

REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	63.0034	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	63.2512	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	63.5007	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	63.7512	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	64.0007	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	64.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	64.5038	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	64.7510	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	65.0003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	65.2508	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	65.5025	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	65.7538	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	66.0030	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	66.2532	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	66.5041	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	66.7503	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	67.0029	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	67.2516	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	67.5030	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	67.7530	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	68.0055	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	68.2504	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	68.5001	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	68.7527	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	69.0002	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	69.2536	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	69.5040	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	69.7562	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	70.0025	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	70.2514	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	70.5014	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	70.7510	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	71.0003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	71.2558	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	71.5045	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	71.7544	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.1	72.0073	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	0.0000	45.60	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	0.2501	45.42	0.36
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	0.5003	45.25	0.34
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	0.7501	45.07	0.31
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	1.0001	44.90	0.28

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	1.2502	44.76	0.24
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	1.5004	44.65	0.22
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	1.7500	44.56	0.21
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	2.0000	44.47	0.19
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	2.2501	44.39	0.18
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	2.5002	44.32	0.18
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	2.7501	44.25	0.17
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	3.0001	44.18	0.16
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	3.2503	44.10	0.15
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	3.5002	43.99	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	3.7502	43.86	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	4.0002	43.76	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	4.2504	43.66	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	4.5004	43.58	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	4.7501	43.51	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	5.0005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	5.2505	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	5.5000	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	5.7500	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	6.0005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	6.2504	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	6.5005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	6.7500	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	7.0000	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	7.2504	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	7.5005	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	7.7502	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	8.0001	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	8.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	8.5000	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	8.7506	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	9.0002	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	9.2504	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	9.5003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	9.7502	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	10.0000	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	10.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	10.5006	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	10.7501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	11.0004	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	11.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	11.5002	43.50	0.00

SMA-A.2 RECOVERS WITHIN 5.0 HOURS

REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	64.2501	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	64.5038	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	64.7510	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	65.0003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	65.2508	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	65.5025	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	65.7538	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	66.0030	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	66.2532	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	66.5041	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	66.7503	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	67.0029	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	67.2516	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	67.5030	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	67.7530	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	68.0055	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	68.2504	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	68.5001	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	68.7527	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	69.0002	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	69.2536	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	69.5040	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	69.7562	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	70.0025	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	70.2514	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	70.5014	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	70.7510	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	71.0003	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	71.2558	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	71.5045	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	71.7544	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-A.2	72.0073	43.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	0.0000	41.01	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	0.2501	41.00	0.15
RECOVERY (DIVERSION)	RECOVERY	SMA-B	0.5003	40.99	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-B	0.7501	40.99	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-B	1.0001	40.98	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-B	1.2502	40.97	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-B	1.5004	40.96	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-B	1.7500	40.96	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-B	2.0000	40.95	0.13
RECOVERY (DIVERSION)	RECOVERY	SMA-B	2.2501	40.94	0.13

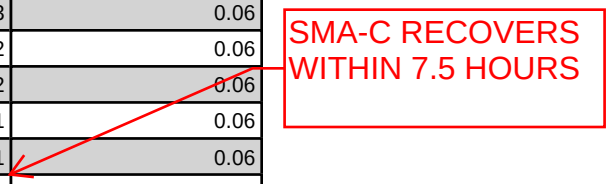
Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-B	2.5002	40.94	0.13
RECOVERY (DIVERSION)	RECOVERY	SMA-B	2.7501	40.93	0.13
RECOVERY (DIVERSION)	RECOVERY	SMA-B	3.0001	40.92	0.13
RECOVERY (DIVERSION)	RECOVERY	SMA-B	3.2503	40.92	0.13
RECOVERY (DIVERSION)	RECOVERY	SMA-B	3.5002	40.91	0.13
RECOVERY (DIVERSION)	RECOVERY	SMA-B	3.7502	40.90	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	4.0002	40.90	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	4.2504	40.89	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	4.5004	40.88	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	4.7501	40.88	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	5.0005	40.87	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	5.2505	40.86	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-B	5.5000	40.86	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-B	5.7500	40.85	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-B	6.0005	40.85	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-B	6.2504	40.84	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-B	6.5005	40.83	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-B	6.7500	40.83	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-B	7.0000	40.82	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-B	7.2504	40.82	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-B	7.5005	40.81	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-B	7.7502	40.81	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-B	8.0001	40.80	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-B	8.2501	40.79	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-B	8.5000	40.79	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-B	8.7506	40.78	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-B	9.0002	40.78	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-B	9.2504	40.77	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-B	9.5003	40.77	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-B	9.7502	40.77	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-B	10.0000	40.76	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-B	10.2501	40.76	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-B	10.5006	40.75	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-B	10.7501	40.75	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	11.0004	40.74	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	11.2501	40.74	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	11.5002	40.74	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	11.7503	40.73	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	12.0003	40.73	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	12.2506	40.73	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	12.5005	40.72	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-B	12.7505	40.72	0.06

HALF OF SMA-B TREATMENT VOLUME RECOVERS WITHIN APPROXIMATELY 10.5 HOURS. (MINIMUM ORIFICE SIZING UTILIZED)

REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-B	65.5025	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	65.7538	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	66.0030	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	66.2532	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	66.5041	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	66.7503	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	67.0029	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	67.2516	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	67.5030	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	67.7530	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	68.0055	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	68.2504	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	68.5001	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	68.7527	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	69.0002	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	69.2536	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	69.5040	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	69.7562	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	70.0025	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	70.2514	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	70.5014	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	70.7510	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	71.0003	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	71.2558	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	71.5045	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	71.7544	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-B	72.0073	40.54	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	0.0000	43.33	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	0.2501	42.59	2.03
RECOVERY (DIVERSION)	RECOVERY	SMA-C	0.5003	42.48	1.18
RECOVERY (DIVERSION)	RECOVERY	SMA-C	0.7501	42.41	0.82
RECOVERY (DIVERSION)	RECOVERY	SMA-C	1.0001	42.35	0.61
RECOVERY (DIVERSION)	RECOVERY	SMA-C	1.2502	42.31	0.47
RECOVERY (DIVERSION)	RECOVERY	SMA-C	1.5004	42.28	0.38
RECOVERY (DIVERSION)	RECOVERY	SMA-C	1.7500	42.25	0.31
RECOVERY (DIVERSION)	RECOVERY	SMA-C	2.0000	42.23	0.27
RECOVERY (DIVERSION)	RECOVERY	SMA-C	2.2501	42.20	0.23
RECOVERY (DIVERSION)	RECOVERY	SMA-C	2.5002	42.19	0.20
RECOVERY (DIVERSION)	RECOVERY	SMA-C	2.7501	42.17	0.17
RECOVERY (DIVERSION)	RECOVERY	SMA-C	3.0001	42.15	0.15
RECOVERY (DIVERSION)	RECOVERY	SMA-C	3.2503	42.14	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-C	3.5002	42.13	0.12

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-C	3.7502	42.12	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-C	4.0002	42.11	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-C	4.2504	42.10	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-C	4.5004	42.09	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-C	4.7501	42.08	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-C	5.0005	42.07	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-C	5.2505	42.06	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-C	5.5000	42.05	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-C	5.7500	42.04	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-C	6.0005	42.04	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-C	6.2504	42.03	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-C	6.5005	42.02	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-C	6.7500	42.02	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-C	7.0000	42.01	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-C	7.2504	42.01	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-C	7.5005	42.00	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-C	7.7502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	8.0001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	8.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	8.5000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	8.7506	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	9.0002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	9.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	9.5003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	9.7502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	10.0000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	10.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	10.5006	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	10.7501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	11.0004	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	11.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	11.5002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	11.7503	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	12.0003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	12.2506	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	12.5005	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	12.7505	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	13.0002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	13.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	13.5000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	13.7500	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	14.0004	42.00	0.00



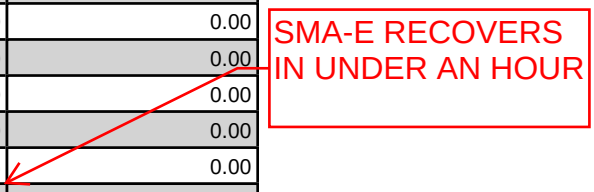
REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-C	66.7503	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	67.0029	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	67.2516	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	67.5030	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	67.7530	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	68.0055	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	68.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	68.5001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	68.7527	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	69.0002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	69.2536	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	69.5040	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	69.7562	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	70.0025	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	70.2514	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	70.5014	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	70.7510	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	71.0003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	71.2558	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	71.5045	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	71.7544	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-C	72.0073	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	0.0000	43.66	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	0.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	0.5003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	0.7501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	1.0001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	1.2502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	1.5004	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	1.7500	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	2.0000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	2.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	2.5002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	2.7501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	3.0001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	3.2503	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	3.5002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	3.7502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	4.0002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	4.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	4.5004	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	4.7501	42.00	0.00

SMA-D RECOVERS IN UNDER AN HOUR

REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-D	68.0055	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	68.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	68.5001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	68.7527	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	69.0002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	69.2536	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	69.5040	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	69.7562	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	70.0025	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	70.2514	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	70.5014	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	70.7510	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	71.0003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	71.2558	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	71.5045	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	71.7544	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-D	72.0073	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	0.0000	43.06	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	0.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	0.5003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	0.7501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	1.0001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	1.2502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	1.5004	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	1.7500	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	2.0000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	2.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	2.5002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	2.7501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	3.0001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	3.2503	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	3.5002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	3.7502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	4.0002	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	4.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	4.5004	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	4.7501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	5.0005	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	5.2505	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	5.5000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	5.7500	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	6.0005	42.00	0.00



REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-E	69.2536	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	69.5040	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	69.7562	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	70.0025	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	70.2514	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	70.5014	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	70.7510	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	71.0003	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	71.2558	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	71.5045	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	71.7544	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-E	72.0073	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	0.0000	43.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	0.2501	42.49	0.41
RECOVERY (DIVERSION)	RECOVERY	SMA-F	0.5003	42.42	0.23
RECOVERY (DIVERSION)	RECOVERY	SMA-F	0.7501	42.37	0.17
RECOVERY (DIVERSION)	RECOVERY	SMA-F	1.0001	42.33	0.14
RECOVERY (DIVERSION)	RECOVERY	SMA-F	1.2502	42.29	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-F	1.5004	42.26	0.11
RECOVERY (DIVERSION)	RECOVERY	SMA-F	1.7500	42.23	0.10
RECOVERY (DIVERSION)	RECOVERY	SMA-F	2.0000	42.21	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-F	2.2501	42.19	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-F	2.5002	42.16	0.08
RECOVERY (DIVERSION)	RECOVERY	SMA-F	2.7501	42.14	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-F	3.0001	42.12	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-F	3.2503	42.11	0.07
RECOVERY (DIVERSION)	RECOVERY	SMA-F	3.5002	42.09	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-F	3.7502	42.07	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-F	4.0002	42.06	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-F	4.2504	42.04	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-F	4.5004	42.03	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-F	4.7501	42.01	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-F	5.0005	42.00	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-F	5.2505	41.98	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-F	5.5000	41.97	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	5.7500	41.95	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	6.0005	41.94	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	6.2504	41.93	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	6.5005	41.91	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	6.7500	41.90	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	7.0000	41.89	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-F	7.2504	41.88	0.04

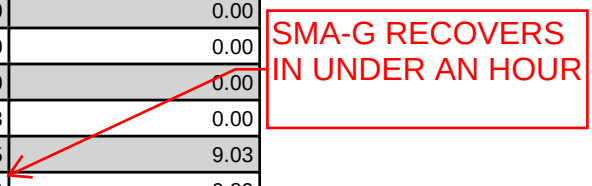
Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-F	7.5005	41.87	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	7.7502	41.86	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	8.0001	41.85	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	8.2501	41.84	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	8.5000	41.83	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	8.7506	41.82	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	9.0002	41.81	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	9.2504	41.80	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	9.5003	41.79	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	9.7502	41.78	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	10.0000	41.77	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	10.2501	41.76	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	10.5006	41.75	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-F	10.7501	41.74	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	11.0004	41.74	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	11.2501	41.73	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	11.5002	41.72	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	11.7503	41.71	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	12.0003	41.70	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	12.2506	41.70	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	12.5005	41.69	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	12.7505	41.68	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	13.0002	41.67	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	13.2501	41.66	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	13.5000	41.66	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	13.7500	41.65	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	14.0004	41.64	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	14.2507	41.63	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	14.5001	41.63	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	14.7506	41.62	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	15.0000	41.61	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	15.2502	41.61	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	15.5001	41.60	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	15.7502	41.59	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	16.0003	41.59	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	16.2506	41.58	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-F	16.5006	41.57	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	16.7504	41.57	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	17.0006	41.56	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	17.2503	41.55	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	17.5005	41.55	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	17.7502	41.54	0.01

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-F	18.0001	41.54	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	18.2503	41.53	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	18.5003	41.53	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	18.7506	41.52	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	19.0004	41.52	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	19.2502	41.51	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	19.5005	41.51	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	19.7506	41.50	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-F	20.0007	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	20.2503	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	20.5005	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	20.7503	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	21.0009	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	21.2510	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	21.5005	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	21.7501	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	22.0003	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	22.2509	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	22.5006	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	22.7510	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	23.0005	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	23.2506	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	23.5004	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	23.7503	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	24.0011	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	24.2507	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	24.5000	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	24.7504	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	25.0004	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	25.2513	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	25.5010	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	25.7510	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	26.0012	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	26.2501	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	26.5004	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	26.7503	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	27.0012	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	27.2506	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	27.5002	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	27.7513	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	28.0002	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	28.2505	41.50	0.00

SMA-F RECOVERS IN 19.75 HOURS

REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Scenario	Sim	Node Name	Relative Time [hrs]	Stage [ft]	Total Outflow Rate [cfs]
RECOVERY (DIVERSION)	RECOVERY	SMA-F	70.5014	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	70.7510	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	71.0003	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	71.2558	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	71.5045	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	71.7544	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-F	72.0073	41.50	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	0.0000	43.33	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	0.2501	42.35	9.03
RECOVERY (DIVERSION)	RECOVERY	SMA-G	0.5003	42.00	0.80
RECOVERY (DIVERSION)	RECOVERY	SMA-G	0.7501	42.00	0.55
RECOVERY (DIVERSION)	RECOVERY	SMA-G	1.0001	42.00	0.39
RECOVERY (DIVERSION)	RECOVERY	SMA-G	1.2502	42.00	0.29
RECOVERY (DIVERSION)	RECOVERY	SMA-G	1.5004	42.00	0.22
RECOVERY (DIVERSION)	RECOVERY	SMA-G	1.7500	42.00	0.17
RECOVERY (DIVERSION)	RECOVERY	SMA-G	2.0000	42.00	0.12
RECOVERY (DIVERSION)	RECOVERY	SMA-G	2.2501	42.00	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-G	2.5002	42.00	0.09
RECOVERY (DIVERSION)	RECOVERY	SMA-G	2.7501	42.00	0.06
RECOVERY (DIVERSION)	RECOVERY	SMA-G	3.0001	42.00	0.05
RECOVERY (DIVERSION)	RECOVERY	SMA-G	3.2503	42.00	0.04
RECOVERY (DIVERSION)	RECOVERY	SMA-G	3.5002	42.00	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-G	3.7502	42.00	0.03
RECOVERY (DIVERSION)	RECOVERY	SMA-G	4.0002	42.00	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-G	4.2504	42.00	0.02
RECOVERY (DIVERSION)	RECOVERY	SMA-G	4.5004	42.00	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-G	4.7501	42.00	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-G	5.0005	42.00	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-G	5.2505	42.00	0.01
RECOVERY (DIVERSION)	RECOVERY	SMA-G	5.5000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	5.7500	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	6.0005	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	6.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	6.5005	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	6.7500	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	7.0000	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	7.2504	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	7.5005	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	7.7502	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	8.0001	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	8.2501	42.00	0.00
RECOVERY (DIVERSION)	RECOVERY	SMA-G	8.5000	42.00	0.00



REMAINDER OF THIS RECOVERY TABLE HAS BEEN REMOVED TO LIMIT LENGTH OF REPORT

Potable Water System Report for
City of Winter Springs, FL

Winter Springs Marketplace Potable Water Analysis

Winter Springs, FL

Prepared by:

Kimley-Horn and Associates, Inc.
Orlando, Florida
July 28, 2020 (Revised September 24, 2020)

1038

Potable Water System Report for
Winter Springs, FL

Winter Springs Marketplace
Winter Springs, FL

Prepared for:

EQUINOX DEVELOPMENT

Prepared by:

Kimley-Horn and Associates, Inc.
189 South Orange Avenue, Suite 1000
Orlando, Florida 32801
CA 00000696
149448010

July 28, 2020 (Revised September 24, 2020)

Marcus I. Geiger, P.E., State of Florida, Professional Engineer, License No. 89199

This item has been digitally signed and sealed by Marcus I. Geiger, P.E. on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Marcus I Geiger
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Marcus I. Geiger, P.E.
FL P.E. # 89199

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1 PROJECT DESCRIPTION

Winter Springs Marketplace is a proposed ±10.23 acre commercial retail project. The project will contain six (6) commercial retail buildings with associated parking (±9.11 AC.) and an area dedicated to Future Development (±1.12 AC.) The site is located south of SR-434, west of Tuskawilla Rd. in Winter Springs, FL.

2 POTABLE WATER DISTRIBUTION SYSTEM

The proposed potable water system will connect to the existing 12-inch water main located along SR-434.
A combined system will be utilized to provide potable water service, as well as fire protection. A Reduced Pressure Zone backflow preventer will be provided at the connection point to the City of Winter Springs Utility System while each of the businesses will be individually metered.

2.1 POTABLE WATER HYDRAULIC ANALYSIS SUMMARY

A complete water distribution system analysis has been performed for the proposed Winter Springs Marketplace development.
Estimated domestic potable water Average Daily Flows (ADF), Max Daily Flows (MDF), and Peak Hourly Flows (PHF) for the proposed site are shown in Section 2.2. The MDF was determined by multiplying the ADF by a peaking factor of 2.0, while the PHF uses a peaking factor of 4.0. Additional service and fire flow as a placeholder for the Future Development has been implemented into the demands and schematic.
Needed Fire Flow (NFF) calculations for buildings within the site were determined per NFPA 1 Uniform Code. The NFF for the future development was designed to provide the required flow rate based on NFPA requirements. Based on City of Winter Springs criteria (Section 23.2.2) no fire flows will be less than 1,250 gpm. The NFF Calculations are summarized in Section 2.3.
The domestic water distribution system has been modeled in WaterCAD V8i.
The model has been analyzed to ensure adequate flows and pressures are provided within the system during potential worst-case scenarios. Five (5) scenarios were analyzed within the WaterCAD model. Three (3) scenarios are comprised of the MDF plus the required fire flow split between two of the proposed hydrants on the site. The remaining scenarios analyzed were the ADF and PHF.

Wiginton Fire Systems has provided a static pressure of 57 PSI and a residual pressure of 64 PSI per a hydrant flow test performed on July 7, 2020. The results of the hydrant flow test, performed by Wiginton Fire Systems, can be found in Appendix A. The residual pressure (57 PSI) was converted to a pressure head of 131.67 ft and was added to the elevation of the tested flow hydrant (44 ft), resulting in a reservoir pressure head of 175.67 ft for both connection points.

Per City of Winter Springs Utility Manual (Section 3.2.B.iv), the system must provide a normal level of service of 20 PSI. The lowest pressure in the system during Average Daily Flow is 46 PSI. The lowest pressure in the system during Peak Hourly Flow is 45 PSI. During any Fire Flow scenario the potable system must maintain a minimum pressure of 20 PSI at all nodes per Winter Springs Utility Manual criteria (Section 3.2.B.ii). The minimum system pressure measured during any of the three (3) Fire Flow scenarios was 41 PSI (MDF+FF [H4+H5]).

The proposed system meets or exceeds all of the Winter Springs Utility Manual criteria (Section 3). Please see the WaterCAD results in Section 2.5 for more details regarding the flows and pressures provided during each scenario.

2.2 POTABLE WATER DEMAND DETERMINATION

Kimley»Horn

189 S. Orange Avenue, Suite 1000
Orlando, Florida 32801

Made By: DCB DATE: 9/24/2020
Checked By: MIG DATE: 9/24/2020
KHA Project Number: 149170016

Winter Springs Marketplace

Potable Water Demand

per Exhibit A of Seminole County Administrative Code and Seminole County Utilities Engineering Manual
GPM calculated by dividing GDP by 720 to simulate flow period of 12 hours, rather than 24 hours.

Building	Building Type	Number of Units	GPD/Unit	ADF		MDF		PHF	
				GPD	GPM (12 HR PERIOD)	GPD	GPM (12 HR PERIOD)	GPD	GPM (12 HR PERIOD)
Retail C	Store (Grocery)	19,209 SF	0.1	1,921	2.67	3,842	5.34	7,684	10.67
Retail B	Store	10,000 SF	0.1	1,000	1.39	2,000	2.78	4,000	5.56
Retail A	Store	19,000 SF	0.1	1,900	2.64	3,800	5.28	7,600	10.56
OP 1	Fast Food	82 Seats	25.0	2,050	2.85	4,100	5.69	8,200	11.39
OP 2	Fast Food	62 Seats	25.0	1,550	2.15	3,100	4.31	6,200	8.61
BLDG A	Store	4,280 SF	0.1	428	0.59	856	1.19	1,712	2.38
Future Dev.	Store	4,500 SF	0.1	450	0.63	900	1.25	1,800	2.50
TOTAL				**9,299**	**12.92**	**18,598**	**25.83**	**37,196**	**51.66**

Max Daily Flow (MDF)
MDF = ADF x 2.0

Peak Hourly Flow (PHF)
PHF = ADF x 4.0

2.3 NEEDED FIRE FLOW DETERMINATION

September 24, 2020
KHA Job #149170016

Winter Springs Marketplace

Retail A Needed Fire Flow (NFF)

per NFPA 1 Uniform Fire Code Handbook, 2015 Edition

19,000 SF Building

Building Fire Area=	19,000	**SF**
Building Type (per NFPA 220) =	V(III)	
Associated Min. Required Fire Flow=	2,500	**GPM**
(per Table 18.4.5.1.2 of the NFPA 1 Uniform Fire Code Handbook)		
Fire Sprinkler - Yes or No=	yes	
Calculated Fire Flow=	625	**GPM**
(with 75% fire sprinkler credit, if applicable)		
Minimum Fire Flow Required (City of Winter Springs) =	1,250	**GPM**

Fire Flow Provided= 2,000 GPM

September 24, 2020
KHA Job #149170016

Winter Springs Marketplace

Retail B Needed Fire Flow (NFF)

per NFPA 1 Uniform Fire Code Handbook, 2015 Edition

10,000 SF Building

Building Fire Area=	10,000	**SF**
Building Type (per NFPA 220) =	V(III)	
Associated Min. Required Fire Flow=	1,750	**GPM**
(per Table 18.4.5.1.2 of the NFPA 1 Uniform Fire Code Handbook)		
Fire Sprinkler - Yes or No=	yes	
Calculated Fire Flow=	438	**GPM**
(with 75% fire sprinkler credit, if applicable)		
Minimum Fire Flow Required (City of Winter Springs) =	1,250	**GPM**

Fire Flow Provided= 2,000 GPM

September 24, 2020
KHA Job #149170016

Winter Springs Marketplace

Retail C Needed Fire Flow (NFF)

per NFPA 1 Uniform Fire Code Handbook, 2015 Edition

19,209 SF Building

Building Fire Area=	19,209	**SF**
Building Type (per NFPA 220) =	V(III)	
Associated Min. Required Fire Flow=	2,500	**GPM**
(per Table 18.4.5.1.2 of the NFPA 1 Uniform Fire Code Handbook)		
Fire Sprinkler - Yes or No=	yes	
Calculated Fire Flow=	625	**GPM**
(with 75% fire sprinkler credit, if applicable)		
Minimum Fire Flow Required (City of Winter Springs) =	1,250	**GPM**

Fire Flow Provided= 2,000 GPM

September 24, 2020
KHA Job #149170016

Winter Springs Marketplace

Bldg A Needed Fire Flow (NFF)

per NFPA 1 Uniform Fire Code Handbook, 2015 Edition

4,280 SF Building

Building Fire Area=	4,280	**SF**
Building Type (per NFPA 220) =	V(III)	
Associated Min. Required Fire Flow=	1,500	**GPM**
(per Table 18.4.5.1.2 of the NFPA 1 Uniform Fire Code Handbook)		
Fire Sprinkler - Yes or No=	yes	
Calculated Fire Flow=	375	**GPM**
(with 75% fire sprinkler credit, if applicable)		
Minimum Fire Flow Required (City of Winter Springs) =	1,250	**GPM**

Fire Flow Provided= 2,000 GPM

September 24, 2020
KHA Job #149170016

Winter Springs Marketplace

Outparcel 1 Needed Fire Flow (NFF)

per NFPA 1 Uniform Fire Code Handbook, 2015 Edition

2,325 SF Building

Building Fire Area=	2,325	**SF**
Building Type (per NFPA 220) =	V(III)	
Associated Min. Required Fire Flow=	1,500	**GPM**
(per Table 18.4.5.1.2 of the NFPA 1 Uniform Fire Code Handbook)		
Fire Sprinkler - Yes or No=	yes	
Calculated Fire Flow=	375	**GPM**
(with 75% fire sprinkler credit, if applicable)		
Minimum Fire Flow Required (City of Winter Springs) =	1,250	**GPM**

Fire Flow Provided= 2,000 GPM

September 24, 2020
KHA Job #149170016

Winter Springs Marketplace

Outparcel 2 Needed Fire Flow (NFF)

per NFPA 1 Uniform Fire Code Handbook, 2015 Edition

3,056 SF Building

Building Fire Area=	3,056	**SF**
Building Type (per NFPA 220) =	V(III)	
Associated Min. Required Fire Flow=	1,500	**GPM**
(per Table 18.4.5.1.2 of the NFPA 1 Uniform Fire Code Handbook)		
Fire Sprinkler - Yes or No=	yes	
Calculated Fire Flow=	375	**GPM**
(with 75% fire sprinkler credit, if applicable)		
Minimum Fire Flow Required (City of Winter Springs) =	1,250	**GPM**

Fire Flow Provided= 2,000 GPM

2.4 WATERCAD SCHEMATIC DIAGRAM

GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

LEGEND

- 1" PIPE
- 2" PIPE
- 6" PIPE
- 8" PIPE
- 10" PIPE
- 12" PIPE

No.	REVISIONS	DATE	BY
1	PER CLIENT AND AGENCY COMMENTS	09-18-20	MIC

Kimley»Horn
189 S.ORANGE AVENUE, SUITE 1000, ORLANDO FLORIDA 32801
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LICENSED PROFESSIONAL

DATE:

KHA PROJECT

DATE

SCALE AS SHOWN

DESIGNED BY

DRAWN BY

CHECKED BY

WATERCAD POTABLE SCHEMATIC

WINTER SPRINGS MARKETPLACE

SHEET NUMBER

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

2.5 WATERCAD RESULTS

BUILD-OUT
AVERAGE DAILY FLOW (ADF) ANALYSIS

Winter Springs Marketplace WaterCAD Tables

ADF

Pipe Table - Time: 0.00 hours

Label	Start Node	Stop Node	Length (Scaled) (ft)	Diameter (in)	Material	Hazen-Williams C	Flow (gpm)	Minor Loss Coefficient (Unified)	Velocity (ft/s)	Headloss (ft)
P-1	R-1	RPZ-1	16	12.0	PVC	120.0	13	0.050	0.04	0.00
P-2	RPZ-1	J-1	410	12.0	PVC	120.0	13	1.330	0.04	0.00
P-3	J-1	J-2	209	10.0	PVC	120.0	4	0.790	0.02	0.00
P-4	J-2	J-3	200	8.0	PVC	120.0	4	1.670	0.03	0.00
P-5	J-39	J-3	46	8.0	PVC	120.0	0	0.350	0.00	0.00
P-6	J-6	J-39	345	8.0	PVC	120.0	2	0.750	0.02	0.00
P-7	J-7	J-6	236	8.0	PVC	120.0	2	1.540	0.02	0.00
P-8	J-7	J-8	44	10.0	PVC	120.0	-3	0.890	0.01	0.00
P-9	J-8	J-9	55	10.0	PVC	120.0	-6	0.350	0.02	0.00
P-10	J-9	J-1	63	10.0	PVC	120.0	-6	1.490	0.02	0.00
P-11	J-10	H-1	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-12	J-1	J-10	75	8.0	PVC	120.0	3	0.790	0.02	0.00
P-13	J-10	J-11	42	8.0	PVC	120.0	3	0.350	0.02	0.00
P-14	J-11	J-12	36	8.0	PVC	120.0	1	0.350	0.00	0.00
P-15	J-11	OP-2	76	2.0	PVC	120.0	2	1.280	0.22	0.02
P-16	OP-2	OP-2	12	2.0	PVC	120.0	2	0.800	0.22	0.00
P-17	J-12	BLDG-A	90	1.0	PVC	120.0	1	0.800	0.24	0.05
P-18	BLDG-A	BLDG-A	10	1.0	PVC	120.0	1	0.800	0.24	0.01
P-19	J-8	OP-1	85	2.0	PVC	120.0	3	1.280	0.29	0.03
P-20	OP-1	OP-1	12	2.0	PVC	120.0	3	0.800	0.29	0.01
P-21	J-2	J-37	203	8.0	PVC	120.0	0	2.760	0.00	0.00
P-22	J-37	H-4	20	6.0	PVC	120.0	0	4.010	0.00	0.00
P-23	J-3	J-13	39	8.0	PVC	120.0	4	0.690	0.03	0.00
P-24	J-13	J-14	22	2.0	PVC	120.0	4	0.800	0.41	0.02
P-25	J-13	H-5	34	6.0	PVC	120.0	0	1.390	0.00	0.00
P-26	J-14	RTL-B	21	1.0	PVC	120.0	1	1.300	0.57	0.06
P-27	RTL-B	RTL-B	13	1.0	PVC	120.0	1	0.800	0.57	0.04
P-28	J-14	RTL-A	41	2.0	PVC	120.0	3	0.300	0.27	0.01
P-29	RTL-A	RTL-A	22	2.0	PVC	120.0	3	1.600	0.27	0.01
P-30	J-39	RTL-C	41	2.0	PVC	120.0	3	2.080	0.27	0.02
P-31	J-9	H-2	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-31	RTL-C	RTL-C	122	2.0	PVC	120.0	3	0.800	0.27	0.04
P-33	J-6	H-3	100	6.0	PVC	120.0	0	2.470	0.00	0.00
P-34	J-7	J-15	41	8.0	PVC	120.0	1	1.990	0.00	0.00
P-35	J-15	B-FUTURE	17	1.0	PVC	120.0	1	3.270	0.26	0.01
P-36	B-FUTURE	B-FUTURE	15	1.0	PVC	120.0	1	3.270	0.26	0.01
P-37	J-15	H-6	232	6.0	PVC	120.0	0	4.340	0.00	0.00

Winter Springs Marketplace WaterCAD Tables

ADF

Junction Table - Time: 0.00 hours

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
RTL-C	47.00	3	154.85	47
RTL-B	47.35	1	154.71	46
RTL-A	47.35	3	154.86	47
OP-2	47.00	2	154.93	47
OP-1	47.00	3	154.85	47
J-37	43.00	0	155.15	49
J-15	43.00	0	155.15	49
J-14	43.00	0	155.13	49
J-13	43.00	0	155.15	49
J-12	43.00	0	155.15	49
J-11	43.00	0	155.15	49
J-10	43.00	0	155.15	49
J-9	43.00	0	155.15	49
J-8	43.00	0	155.15	49
J-7	43.00	0	155.15	49
J-6	43.00	0	155.15	49
J-3	43.00	0	155.15	49
J-2	43.00	0	155.15	49
J-1	43.00	0	155.15	49
BLDG-A	47.00	1	154.95	47
B-FUTURE	47.00	1	154.97	47

Winter Springs Marketplace WaterCAD Tables

ADF

Reservoir Table - Time: 0.00 hours

Label	Elevation (ft)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
R-1	175.67	13	175.67

Winter Springs Marketplace WaterCAD Tables

ADF

GPV Table - Time: 0.00 hours

Label	Elevation (ft)	Diameter (Valve) (in)	General Purpose Valve Headloss Curve	Flow (gpm)	Hydraulic Grade (From) (ft)	Hydraulic Grade (To) (ft)	Headloss (ft)
BLDG-A	46.61	0.8	Sensus 3/4" MTR	1	155.10	154.96	0.14
OP-1	46.57	1.0	Sensus 1" MTR	3	155.11	154.85	0.26
OP-2	46.46	1.0	Sensus 1" MTR	2	155.13	154.93	0.20
RPZ-1	44.00	10.0	Watts 10" RPZ	13	175.67	155.15	20.52
RTL-A	45.85	1.0	Sensus 1" MTR	3	155.12	154.87	0.24
RTL-B	45.64	0.8	Sensus 3/4" MTR	1	155.07	154.75	0.32
RTL-C	44.00	1.0	Sensus 1" MTR	-3	154.89	155.13	0.25

BUILD-OUT
PEAK HOURLY FLOW (PHF) ANALYSIS

Winter Springs Marketplace WaterCAD Tables

PHF

Pipe Table - Time: 0.00 hours

Label	Start Node	Stop Node	Length (Scaled) (ft)	Diameter (in)	Material	Hazen-Williams C	Flow (gpm)	Minor Loss Coefficient (Unified)	Velocity (ft/s)	Headloss (ft)
P-1	R-1	RPZ-1	16	12.0	PVC	120.0	52	0.050	0.15	0.00
P-2	RPZ-1	J-1	410	12.0	PVC	120.0	52	1.330	0.15	0.01
P-3	J-1	J-2	209	10.0	PVC	120.0	17	0.790	0.07	0.00
P-4	J-2	J-3	200	8.0	PVC	120.0	17	1.670	0.11	0.00
P-5	J-39	J-3	46	8.0	PVC	120.0	-1	0.350	0.01	0.00
P-6	J-6	J-39	345	8.0	PVC	120.0	9	0.750	0.06	0.00
P-7	J-7	J-6	236	8.0	PVC	120.0	9	1.540	0.06	0.00
P-8	J-7	J-8	44	10.0	PVC	120.0	-12	0.890	0.05	0.00
P-9	J-8	J-9	55	10.0	PVC	120.0	-23	0.350	0.10	0.00
P-10	J-9	J-1	63	10.0	PVC	120.0	-23	1.490	0.10	0.00
P-11	J-10	H-1	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-12	J-1	J-10	75	8.0	PVC	120.0	11	0.790	0.07	0.00
P-13	J-10	J-11	42	8.0	PVC	120.0	11	0.350	0.07	0.00
P-14	J-11	J-12	36	8.0	PVC	120.0	2	0.350	0.02	0.00
P-15	J-11	OP-2	76	2.0	PVC	120.0	9	1.280	0.88	0.22
P-16	OP-2	OP-2	12	2.0	PVC	120.0	9	0.800	0.88	0.04
P-17	J-12	BLDG-A	90	1.0	PVC	120.0	2	0.800	0.97	0.67
P-18	BLDG-A	BLDG-A	10	1.0	PVC	120.0	2	0.800	0.97	0.08
P-19	J-8	OP-1	85	2.0	PVC	120.0	11	1.280	1.16	0.42
P-20	OP-1	OP-1	12	2.0	PVC	120.0	11	0.800	1.16	0.07
P-21	J-2	J-37	203	8.0	PVC	120.0	0	2.760	0.00	0.00
P-22	J-37	H-4	20	6.0	PVC	120.0	0	4.010	0.00	0.00
P-23	J-3	J-13	39	8.0	PVC	120.0	16	0.690	0.10	0.00
P-24	J-13	J-14	22	2.0	PVC	120.0	16	0.800	1.65	0.23
P-25	J-13	H-5	34	6.0	PVC	120.0	0	1.390	0.00	0.00
P-26	J-14	RTL-B	21	1.0	PVC	120.0	6	1.300	2.27	0.84
P-27	RTL-B	RTL-B	13	1.0	PVC	120.0	6	0.800	2.27	0.54
P-28	J-14	RTL-A	41	2.0	PVC	120.0	11	0.300	1.08	0.17
P-29	RTL-A	RTL-A	22	2.0	PVC	120.0	11	1.600	1.08	0.11
P-30	J-39	RTL-C	41	2.0	PVC	120.0	11	2.080	1.09	0.20
P-31	J-9	H-2	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-31	RTL-C	RTL-C	122	2.0	PVC	120.0	11	0.800	1.09	0.51
P-33	J-6	H-3	100	6.0	PVC	120.0	0	2.470	0.00	0.00
P-34	J-7	J-15	41	8.0	PVC	120.0	3	1.990	0.02	0.00
P-35	J-15	B-FUTURE	17	1.0	PVC	120.0	3	3.270	1.02	0.19
P-36	B-FUTURE	B-FUTURE	15	1.0	PVC	120.0	3	3.270	1.02	0.17
P-37	J-15	H-6	232	6.0	PVC	120.0	0	4.340	0.00	0.00

Winter Springs Marketplace WaterCAD Tables

PHF

Junction Table - Time: 0.00 hours

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
RTL-C	47.00	11	152.50	46
RTL-B	47.35	6	151.18	45
RTL-A	47.35	11	152.71	46
OP-2	47.00	9	153.21	46
OP-1	47.00	11	152.66	46
J-37	43.00	0	154.20	48
J-15	43.00	0	154.20	48
J-14	43.00	0	153.97	48
J-13	43.00	0	154.20	48
J-12	43.00	0	154.20	48
J-11	43.00	0	154.20	48
J-10	43.00	0	154.20	48
J-9	43.00	0	154.20	48
J-8	43.00	0	154.20	48
J-7	43.00	0	154.20	48
J-6	43.00	0	154.20	48
J-3	43.00	0	154.20	48
J-2	43.00	0	154.20	48
J-1	43.00	0	154.20	48
BLDG-A	47.00	2	152.90	46
B-FUTURE	47.00	3	153.26	46

Winter Springs Marketplace WaterCAD Tables

PHF

Reservoir Table - Time: 0.00 hours

Label	Elevation (ft)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
R-1	175.67	52	175.67

Winter Springs Marketplace WaterCAD Tables

PHF

GPV Table - Time: 0.00 hours

Label	Elevation (ft)	Diameter (Valve) (in)	General Purpose Valve Headloss Curve	Flow (gpm)	Hydraulic Grade (From) (ft)	Hydraulic Grade (To) (ft)	Headloss (ft)
BLDG-A	46.61	0.8	Sensus 3/4" MTR	2	153.53	152.98	0.55
OP-1	46.57	1.0	Sensus 1" MTR	11	153.78	152.73	1.05
OP-2	46.46	1.0	Sensus 1" MTR	9	153.98	153.25	0.73
RPZ-1	44.00	10.0	Watts 10" RPZ	52	175.67	154.21	21.46
RTL-A	45.85	1.0	Sensus 1" MTR	11	153.80	152.83	0.97
RTL-B	45.64	0.8	Sensus 3/4" MTR	6	153.13	151.72	1.41
RTL-C	44.00	1.0	Sensus 1" MTR	-11	153.01	153.99	0.98

NEEDED FIRE FLOW (NFF) ANALYSIS
MDF+FF (H1+H2)

Winter Springs Marketplace WaterCAD Tables

MDF+H1+H2

Pipe Table - Time: 0.00 hours

Label	Start Node	Stop Node	Length (Scaled) (ft)	Diameter (in)	Material	Hazen-Williams C	Flow (gpm)	Minor Loss Coefficient (Unified)	Velocity (ft/s)	Headloss (ft)
P-1	R-1	RPZ-1	16	12.0	PVC	120.0	2,026	0.050	5.75	0.20
P-2	RPZ-1	J-1	410	12.0	PVC	120.0	2,026	1.330	5.75	5.14
P-3	J-1	J-2	209	10.0	PVC	120.0	156	0.790	0.64	0.05
P-4	J-2	J-3	200	8.0	PVC	120.0	156	1.670	0.99	0.16
P-5	J-39	J-3	46	8.0	PVC	120.0	-147	0.350	0.94	0.03
P-6	J-6	J-39	345	8.0	PVC	120.0	-142	0.750	0.91	0.21
P-7	J-7	J-6	236	8.0	PVC	120.0	-142	1.540	0.91	0.15
P-8	J-7	J-8	44	10.0	PVC	120.0	141	0.890	0.58	0.01
P-9	J-8	J-9	55	10.0	PVC	120.0	135	0.350	0.55	0.01
P-10	J-9	J-1	63	10.0	PVC	120.0	-865	1.490	3.53	0.63
P-11	J-10	H-1	21	6.0	PVC	120.0	1,000	2.470	11.35	6.77
P-12	J-1	J-10	75	8.0	PVC	120.0	1,005	0.790	6.42	2.10
P-13	J-10	J-11	42	8.0	PVC	120.0	6	0.350	0.04	0.00
P-14	J-11	J-12	36	8.0	PVC	120.0	1	0.350	0.01	0.00
P-15	J-11	OP-2	76	2.0	PVC	120.0	4	1.280	0.44	0.06
P-16	OP-2	OP-2	12	2.0	PVC	120.0	4	0.800	0.44	0.01
P-17	J-12	BLDG-A	90	1.0	PVC	120.0	1	0.800	0.49	0.19
P-18	BLDG-A	BLDG-A	10	1.0	PVC	120.0	1	0.800	0.49	0.02
P-19	J-8	OP-1	85	2.0	PVC	120.0	6	1.280	0.58	0.11
P-20	OP-1	OP-1	12	2.0	PVC	120.0	6	0.800	0.58	0.02
P-21	J-2	J-37	203	8.0	PVC	120.0	0	2.760	0.00	0.00
P-22	J-37	H-4	20	6.0	PVC	120.0	0	4.010	0.00	0.00
P-23	J-3	J-13	39	8.0	PVC	120.0	8	0.690	0.05	0.00
P-24	J-13	J-14	22	2.0	PVC	120.0	8	0.800	0.82	0.06
P-25	J-13	H-5	34	6.0	PVC	120.0	0	1.390	0.00	0.00
P-26	J-14	RTL-B	21	1.0	PVC	120.0	3	1.300	1.14	0.23
P-27	RTL-B	RTL-B	13	1.0	PVC	120.0	3	0.800	1.14	0.15
P-28	J-14	RTL-A	41	2.0	PVC	120.0	5	0.300	0.54	0.05
P-29	RTL-A	RTL-A	22	2.0	PVC	120.0	5	1.600	0.54	0.03
P-30	J-39	RTL-C	41	2.0	PVC	120.0	5	2.080	0.55	0.06
P-31	J-9	H-2	21	6.0	PVC	120.0	1,000	2.470	11.35	6.73
P-31	RTL-C	RTL-C	122	2.0	PVC	120.0	5	0.800	0.55	0.14
P-33	J-6	H-3	100	6.0	PVC	120.0	0	2.470	0.00	0.00
P-34	J-7	J-15	41	8.0	PVC	120.0	1	1.990	0.01	0.00
P-35	J-15	B-FUTURE	17	1.0	PVC	120.0	1	3.270	0.51	0.05
P-36	B-FUTURE	B-FUTURE	15	1.0	PVC	120.0	1	3.270	0.51	0.05
P-37	J-15	H-6	232	6.0	PVC	120.0	0	4.340	0.00	0.00

Winter Springs Marketplace WaterCAD Tables

MDF+H1+H2

Junction Table - Time: 0.00 hours

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
RTL-C	47.00	5	147.98	44
RTL-B	47.35	3	147.61	43
RTL-A	47.35	5	148.07	44
OP-2	47.00	4	146.32	43
OP-1	47.00	6	147.65	44
J-37	43.00	0	148.85	46
J-15	43.00	0	148.29	46
J-14	43.00	0	148.62	46
J-13	43.00	0	148.68	46
J-12	43.00	0	146.79	45
J-11	43.00	0	146.79	45
J-10	43.00	0	146.79	45
J-9	43.00	0	148.27	46
J-8	43.00	0	148.28	46
J-7	43.00	0	148.29	46
J-6	43.00	0	148.44	46
J-3	43.00	0	148.69	46
J-2	43.00	0	148.85	46
J-1	43.00	0	148.90	46
BLDG-A	47.00	1	146.31	43
B-FUTURE	47.00	1	147.91	44

Winter Springs Marketplace WaterCAD Tables

MDF+H1+H2

Reservoir Table - Time: 0.00 hours

Label	Elevation (ft)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
R-1	175.67	2,026	175.67

Winter Springs Marketplace WaterCAD Tables

MDF+H1+H2

GPV Table - Time: 0.00 hours

Label	Elevation (ft)	Diameter (Valve) (in)	General Purpose Valve Headloss Curve	Flow (gpm)	Hydraulic Grade (From) (ft)	Hydraulic Grade (To) (ft)	Headloss (ft)
BLDG-A	46.61	0.8	Sensus 3/4" MTR	1	146.61	146.33	0.27
OP-1	46.57	1.0	Sensus 1" MTR	6	148.16	147.67	0.49
OP-2	46.46	1.0	Sensus 1" MTR	4	146.73	146.34	0.40
RPZ-1	44.00	10.0	Watts 10" RPZ	2,026	175.47	154.04	21.44
RTL-A	45.85	1.0	Sensus 1" MTR	5	148.58	148.10	0.47
RTL-B	45.64	0.8	Sensus 3/4" MTR	3	148.39	147.75	0.64
RTL-C	44.00	1.0	Sensus 1" MTR	-5	148.12	148.60	0.48

Winter Springs Marketplace WaterCAD Tables

MDF+H1+H2

Hydrant Table - Time: 0.00 hours

Label	Length (Hydrant Lateral) (ft)	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
H-1	20	45.00	1,000	140.03	41
H-2	20	45.00	1,000	141.53	42
H-3	20	45.00	0	148.44	45
H-4	20	45.00	0	148.85	45
H-5	20	45.00	0	148.68	45
H-6	20	45.00	0	148.29	45

NEEDED FIRE FLOW (NFF) ANALYSIS
MDF+FF (H4+H5)

Winter Springs Marketplace WaterCAD Tables

MDF+H4+H5

Pipe Table - Time: 0.00 hours

Label	Start Node	Stop Node	Length (Scaled) (ft)	Diameter (in)	Material	Hazen-Williams C	Flow (gpm)	Minor Loss Coefficient (Unified)	Velocity (ft/s)	Headloss (ft)
P-1	R-1	RPZ-1	16	12.0	PVC	120.0	2,026	0.050	5.75	0.20
P-2	RPZ-1	J-1	410	12.0	PVC	120.0	2,026	1.330	5.75	5.14
P-3	J-1	J-2	209	10.0	PVC	120.0	1,492	0.790	6.09	3.59
P-4	J-2	J-3	200	8.0	PVC	120.0	492	1.670	3.14	1.39
P-5	J-39	J-3	46	8.0	PVC	120.0	516	0.350	3.29	0.35
P-6	J-6	J-39	345	8.0	PVC	120.0	521	0.750	3.33	2.32
P-7	J-7	J-6	236	8.0	PVC	120.0	521	1.540	3.33	1.76
P-8	J-7	J-8	44	10.0	PVC	120.0	-523	0.890	2.14	0.16
P-9	J-8	J-9	55	10.0	PVC	120.0	-528	0.350	2.16	0.15
P-10	J-9	J-1	63	10.0	PVC	120.0	-528	1.490	2.16	0.25
P-11	J-10	H-1	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-12	J-1	J-10	75	8.0	PVC	120.0	6	0.790	0.04	0.00
P-13	J-10	J-11	42	8.0	PVC	120.0	6	0.350	0.04	0.00
P-14	J-11	J-12	36	8.0	PVC	120.0	1	0.350	0.01	0.00
P-15	J-11	OP-2	76	2.0	PVC	120.0	4	1.280	0.44	0.06
P-16	OP-2	OP-2	12	2.0	PVC	120.0	4	0.800	0.44	0.01
P-17	J-12	BLDG-A	90	1.0	PVC	120.0	1	0.800	0.49	0.19
P-18	BLDG-A	BLDG-A	10	1.0	PVC	120.0	1	0.800	0.49	0.02
P-19	J-8	OP-1	85	2.0	PVC	120.0	6	1.280	0.58	0.11
P-20	OP-1	OP-1	12	2.0	PVC	120.0	6	0.800	0.58	0.02
P-21	J-2	J-37	203	8.0	PVC	120.0	1,000	2.760	6.38	6.05
P-22	J-37	H-4	20	6.0	PVC	120.0	1,000	4.010	11.35	9.76
P-23	J-3	J-13	39	8.0	PVC	120.0	1,008	0.690	6.43	1.29
P-24	J-13	J-14	22	2.0	PVC	120.0	8	0.800	0.82	0.06
P-25	J-13	H-5	34	6.0	PVC	120.0	1,000	1.390	11.35	5.69
P-26	J-14	RTL-B	21	1.0	PVC	120.0	3	1.300	1.14	0.23
P-27	RTL-B	RTL-B	13	1.0	PVC	120.0	3	0.800	1.14	0.15
P-28	J-14	RTL-A	41	2.0	PVC	120.0	5	0.300	0.54	0.05
P-29	RTL-A	RTL-A	22	2.0	PVC	120.0	5	1.600	0.54	0.03
P-30	J-39	RTL-C	41	2.0	PVC	120.0	5	2.080	0.55	0.06
P-31	J-9	H-2	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-31	RTL-C	RTL-C	122	2.0	PVC	120.0	5	0.800	0.55	0.14
P-33	J-6	H-3	100	6.0	PVC	120.0	0	2.470	0.00	0.00
P-34	J-7	J-15	41	8.0	PVC	120.0	1	1.990	0.01	0.00
P-35	J-15	B-FUTURE	17	1.0	PVC	120.0	1	3.270	0.51	0.05
P-36	B-FUTURE	B-FUTURE	15	1.0	PVC	120.0	1	3.270	0.51	0.05
P-37	J-15	H-6	232	6.0	PVC	120.0	0	4.340	0.00	0.00

Winter Springs Marketplace WaterCAD Tables

MDF+H4+H5

Junction Table - Time: 0.00 hours

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
RTL-C	47.00	5	143.59	42
RTL-B	47.35	3	141.55	41
RTL-A	47.35	5	142.01	41
OP-2	47.00	4	148.43	44
OP-1	47.00	6	147.88	44
J-37	43.00	0	139.26	42
J-15	43.00	0	148.35	46
J-14	43.00	0	142.56	43
J-13	43.00	0	142.63	43
J-12	43.00	0	148.90	46
J-11	43.00	0	148.90	46
J-10	43.00	0	148.90	46
J-9	43.00	0	148.65	46
J-8	43.00	0	148.51	46
J-7	43.00	0	148.35	46
J-6	43.00	0	146.59	45
J-3	43.00	0	143.92	44
J-2	43.00	0	145.31	44
J-1	43.00	0	148.90	46
BLDG-A	47.00	1	148.41	44
B-FUTURE	47.00	1	147.96	44

Winter Springs Marketplace WaterCAD Tables

MDF+H4+H5

Reservoir Table - Time: 0.00 hours

Label	Elevation (ft)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
R-1	175.67	2,026	175.67

Winter Springs Marketplace WaterCAD Tables

MDF+H4+H5

GPV Table - Time: 0.00 hours

Label	Elevation (ft)	Diameter (Valve) (in)	General Purpose Valve Headloss Curve	Flow (gpm)	Hydraulic Grade (From) (ft)	Hydraulic Grade (To) (ft)	Headloss (ft)
BLDG-A	46.61	0.8	Sensus 3/4" MTR	1	148.71	148.44	0.27
OP-1	46.57	1.0	Sensus 1" MTR	6	148.39	147.90	0.49
OP-2	46.46	1.0	Sensus 1" MTR	4	148.84	148.44	0.40
RPZ-1	44.00	10.0	Watts 10" RPZ	2,026	175.47	154.04	21.44
RTL-A	45.85	1.0	Sensus 1" MTR	5	142.52	142.05	0.47
RTL-B	45.64	0.8	Sensus 3/4" MTR	3	142.34	141.70	0.64
RTL-C	44.00	1.0	Sensus 1" MTR	-5	143.73	144.21	0.48

Winter Springs Marketplace WaterCAD Tables

MDF+H4+H5

Hydrant Table - Time: 0.00 hours

Label	Length (Hydrant Lateral) (ft)	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
H-1	20	45.00	0	148.90	45
H-2	20	45.00	0	148.65	45
H-3	20	45.00	0	146.59	44
H-4	20	45.00	1,000	129.50	37
H-5	20	45.00	1,000	136.94	40
H-6	20	45.00	0	148.35	45

NEEDED FIRE FLOW (NFF) ANALYSIS
MDF+FF (H3+H6)

Winter Springs Marketplace WaterCAD Tables

MDF+H3+H6

Pipe Table - Time: 0.00 hours

Label	Start Node	Stop Node	Length (Scaled) (ft)	Diameter (in)	Material	Hazen-Williams C	Flow (gpm)	Minor Loss Coefficient (Unified)	Velocity (ft/s)	Headloss (ft)
P-1	R-1	RPZ-1	16	12.0	PVC	120.0	2,026	0.050	5.75	0.20
P-2	RPZ-1	J-1	410	12.0	PVC	120.0	2,026	1.330	5.75	5.14
P-3	J-1	J-2	209	10.0	PVC	120.0	557	0.790	2.27	0.57
P-4	J-2	J-3	200	8.0	PVC	120.0	557	1.670	3.55	1.76
P-5	J-39	J-3	46	8.0	PVC	120.0	-549	0.350	3.50	0.39
P-6	J-6	J-39	345	8.0	PVC	120.0	-543	0.750	3.47	2.50
P-7	J-7	J-6	236	8.0	PVC	120.0	457	1.540	2.91	1.38
P-8	J-7	J-8	44	10.0	PVC	120.0	-1,458	0.890	5.96	1.12
P-9	J-8	J-9	55	10.0	PVC	120.0	-1,464	0.350	5.98	0.99
P-10	J-9	J-1	63	10.0	PVC	120.0	-1,464	1.490	5.98	1.74
P-11	J-10	H-1	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-12	J-1	J-10	75	8.0	PVC	120.0	6	0.790	0.04	0.00
P-13	J-10	J-11	42	8.0	PVC	120.0	6	0.350	0.04	0.00
P-14	J-11	J-12	36	8.0	PVC	120.0	1	0.350	0.01	0.00
P-15	J-11	OP-2	76	2.0	PVC	120.0	4	1.280	0.44	0.06
P-16	OP-2	OP-2	12	2.0	PVC	120.0	4	0.800	0.44	0.01
P-17	J-12	BLDG-A	90	1.0	PVC	120.0	1	0.800	0.49	0.19
P-18	BLDG-A	BLDG-A	10	1.0	PVC	120.0	1	0.800	0.49	0.02
P-19	J-8	OP-1	85	2.0	PVC	120.0	6	1.280	0.58	0.11
P-20	OP-1	OP-1	12	2.0	PVC	120.0	6	0.800	0.58	0.02
P-21	J-2	J-37	203	8.0	PVC	120.0	0	2.760	0.00	0.00
P-22	J-37	H-4	20	6.0	PVC	120.0	0	4.010	0.00	0.00
P-23	J-3	J-13	39	8.0	PVC	120.0	8	0.690	0.05	0.00
P-24	J-13	J-14	22	2.0	PVC	120.0	8	0.800	0.82	0.06
P-25	J-13	H-5	34	6.0	PVC	120.0	0	1.390	0.00	0.00
P-26	J-14	RTL-B	21	1.0	PVC	120.0	3	1.300	1.14	0.23
P-27	RTL-B	RTL-B	13	1.0	PVC	120.0	3	0.800	1.14	0.15
P-28	J-14	RTL-A	41	2.0	PVC	120.0	5	0.300	0.54	0.05
P-29	RTL-A	RTL-A	22	2.0	PVC	120.0	5	1.600	0.54	0.03
P-30	J-39	RTL-C	41	2.0	PVC	120.0	5	2.080	0.55	0.06
P-31	J-9	H-2	21	6.0	PVC	120.0	0	2.470	0.00	0.00
P-31	RTL-C	RTL-C	122	2.0	PVC	120.0	5	0.800	0.55	0.14
P-33	J-6	H-3	100	6.0	PVC	120.0	1,000	2.470	11.35	13.52
P-34	J-7	J-15	41	8.0	PVC	120.0	1,001	1.990	6.39	2.13
P-35	J-15	B-FUTURE	17	1.0	PVC	120.0	1	3.270	0.51	0.05
P-36	B-FUTURE	B-FUTURE	15	1.0	PVC	120.0	1	3.270	0.51	0.05
P-37	J-15	H-6	232	6.0	PVC	120.0	1,000	4.340	11.35	28.67

Winter Springs Marketplace WaterCAD Tables

MDF+H3+H6

Junction Table - Time: 0.00 hours

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
RTL-C	47.00	5	145.51	43
RTL-B	47.35	3	145.49	42
RTL-A	47.35	5	145.96	43
OP-2	47.00	4	148.43	44
OP-1	47.00	6	145.54	43
J-37	43.00	0	148.33	46
J-15	43.00	0	142.93	43
J-14	43.00	0	146.51	45
J-13	43.00	0	146.57	45
J-12	43.00	0	148.90	46
J-11	43.00	0	148.90	46
J-10	43.00	0	148.90	46
J-9	43.00	0	147.16	45
J-8	43.00	0	146.17	45
J-7	43.00	0	145.06	44
J-6	43.00	0	143.68	44
J-3	43.00	0	146.57	45
J-2	43.00	0	148.33	46
J-1	43.00	0	148.90	46
BLDG-A	47.00	1	148.41	44
B-FUTURE	47.00	1	142.54	41

Winter Springs Marketplace WaterCAD Tables

MDF+H3+H6

Reservoir Table - Time: 0.00 hours

Label	Elevation (ft)	Flow (Out net) (gpm)	Hydraulic Grade (ft)
R-1	175.67	2,026	175.67

Winter Springs Marketplace WaterCAD Tables

MDF+H3+H6

GPV Table - Time: 0.00 hours

Label	Elevation (ft)	Diameter (Valve) (in)	General Purpose Valve Headloss Curve	Flow (gpm)	Hydraulic Grade (From) (ft)	Hydraulic Grade (To) (ft)	Headloss (ft)
BLDG-A	46.61	0.8	Sensus 3/4" MTR	1	148.71	148.44	0.27
OP-1	46.57	1.0	Sensus 1" MTR	6	146.06	145.56	0.49
OP-2	46.46	1.0	Sensus 1" MTR	4	148.84	148.44	0.40
RPZ-1	44.00	10.0	Watts 10" RPZ	2,026	175.47	154.04	21.44
RTL-A	45.85	1.0	Sensus 1" MTR	5	146.47	145.99	0.47
RTL-B	45.64	0.8	Sensus 3/4" MTR	3	146.28	145.64	0.64
RTL-C	44.00	1.0	Sensus 1" MTR	-5	145.65	146.13	0.48

Winter Springs Marketplace WaterCAD Tables

MDF+H3+H6

Hydrant Table - Time: 0.00 hours

Label	Length (Hydrant Lateral) (ft)	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)
H-1	20	45.00	0	148.90	45
H-2	20	45.00	0	147.16	44
H-3	20	45.00	1,000	130.17	37
H-4	20	45.00	0	148.33	45
H-5	20	45.00	0	146.57	44
H-6	20	45.00	1,000	114.26	30

2.6 METER SPECIFICATIONS

For Health Hazard Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

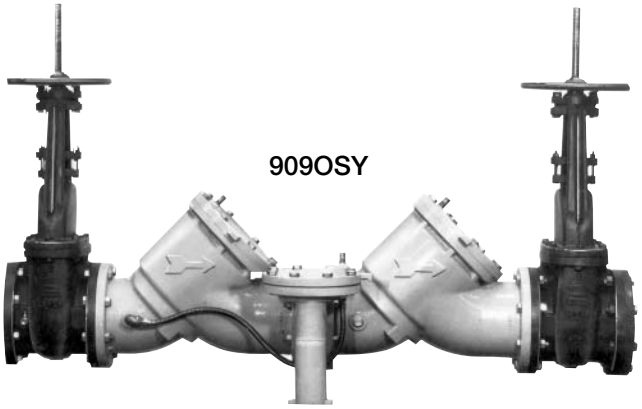
Approval _____ Representative _____

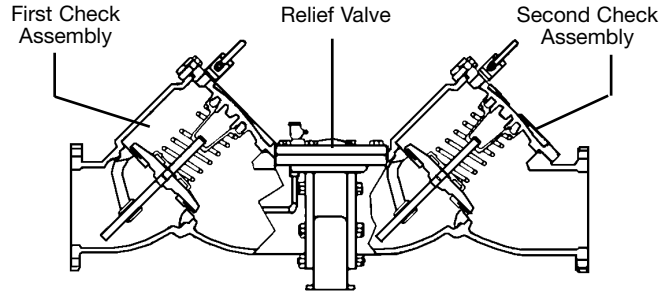
Series 909

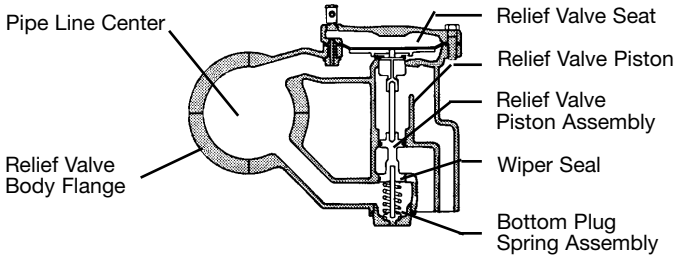
Reduced Pressure Zone Assemblies

Sizes: 2½" – 10" (65–250mm)

Series 909 Reduced Pressure Zone Assemblies are designed to provide cross-connection control protection of the potable water supply in accordance with national plumbing codes. This series can be utilized in a variety of installations, including health hazard cross-connections in plumbing systems or for containment at the service line entrance. With its exclusive patented relief valve design incorporating the "air-in/water-out" principle, it provides substantially improved relief valve discharge performance during the emergency conditions of combined backsiphonage and backpressure with both checks fouled.







Features

- Replaceable bronze seats
- Stainless steel internal parts
- No special tools required for servicing
- Captured spring check assemblies
- Fused epoxy coated & lined checks
- Industrial strength sensing hose
- Field reversible relief valve
- Air-in/water-out relief valve design provides maximum capacity during emergency conditions

Available Models

Suffix:

BB –	bronze body (2½", 3" only) (64, 76mm)
LF –	without shutoff valves
NRS –	non-rising stem resilient seated gate valves
OSY -	UL/FM outside stem & yoke resilient seated gate valves
QT-FDA –	FDA epoxy coated quarter-turn ball valves
S –	cast iron strainer
S-FDA –	FDA epoxy coated strainer

Note: The installation of a drain line is recommended. When installing a drain line, an air gap is necessary.

Specifications

A Reduced Pressure Zone Assembly shall be installed at each cross-connection to prevent backsiphonage and backpressure backflow of hazardous materials into the potable water supply. The assembly shall consist of a pressure differential relief valve located in a zone between two positive seating check valves and captured springs. Backsiphonage protection shall include provision to admit air directly into the reduced pressure zone via a separate channel from the water discharge channel. The assembly shall include two tightly closing shutoff valves before and after the valve and test cocks. The assembly shall meet the requirements of ASSE Std. 1013; AWWA Std. C511-92; CSA B64.5; and UL Classified File No. EX3185. Listed by IAPMO (UPC). Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. The assembly shall be a Watts Regulator Company Series 909.

Now Available
WattsBox Insulated Enclosures.
For more information, send for literature ES-WB.

IMPORTANT: *INQUIRE WITH GOVERNING AUTHORITIES FOR LOCAL INSTALLATION REQUIREMENTS*

WATTS®

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Materials

Check Valve Bodies: FDA epoxy coated cast iron or bronze
Seats: bronze
Trim: stainless steel
Relief Valve Body: 2½"-3" (60-80mm) bronze
4"-10" (100-250mm) FDA epoxy coated cast iron
Test Cocks: bronze body ball valve

Pressure — Temperature

Temperature Range: 33°F-110°F (5°C-43°C) continuous, 140°F (60°C) intermittent

Maximum Working Pressure: 175psi (12.06 bar)

Standards

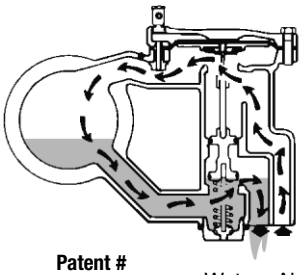
AWWA C511-92

IAPMO PS 31, SBCCI (Standard Plumbing Code)

USC manual for Cross-Connection Control, 8th Edition

How It Operates

The unique relief valve construction incorporates two channels: one for air, one for water. When the relief valve opens, as in the accompanying air-in/water-out diagram, the right-hand channel admits air to the top of the reduced pressure zone, relieving the zone vacuum. The channel on the left then drains the zone to atmosphere. Therefore, if both check valves foul, and simultaneous negative supply and positive backpressure develops, the relief valve uses the air-in/water-out principle to stop potential backflow.



Patent # 4,241,752

Approvals

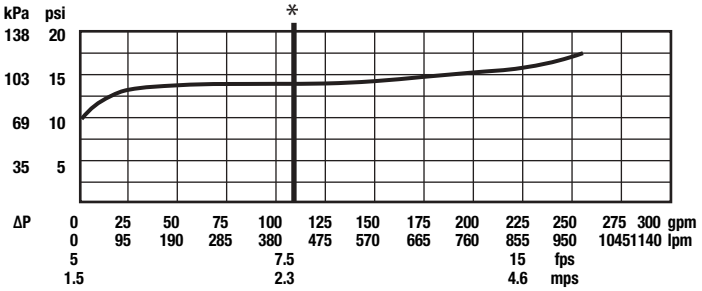
1013 B64.5

Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.

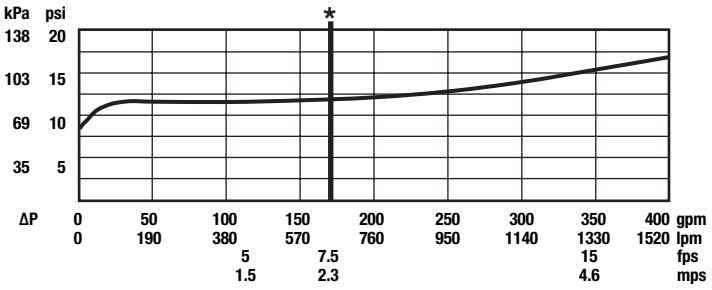
Capacity

*Typical maximum flow rate (7.5 feet/sec.)

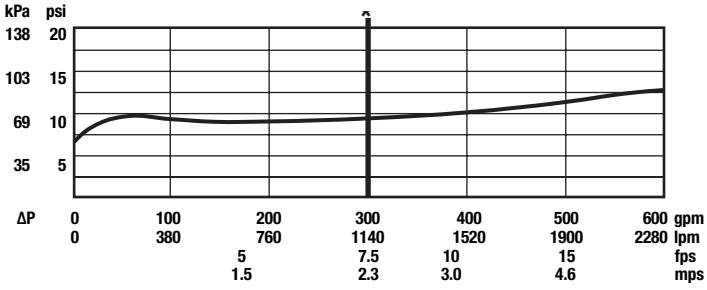
2½" (65mm)



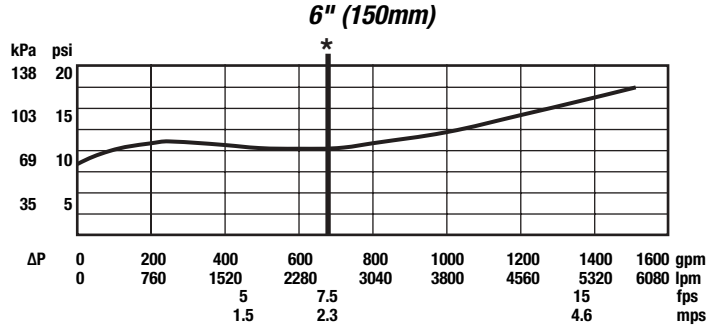
3" (80mm)



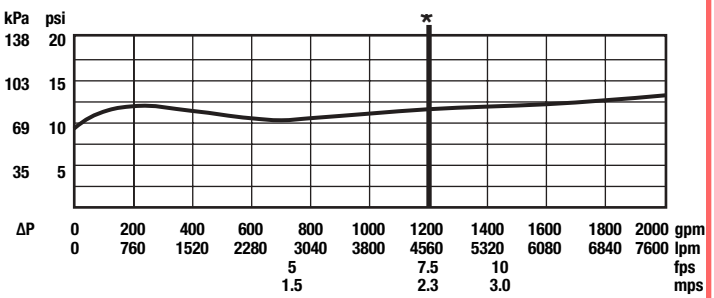
4" (100mm)



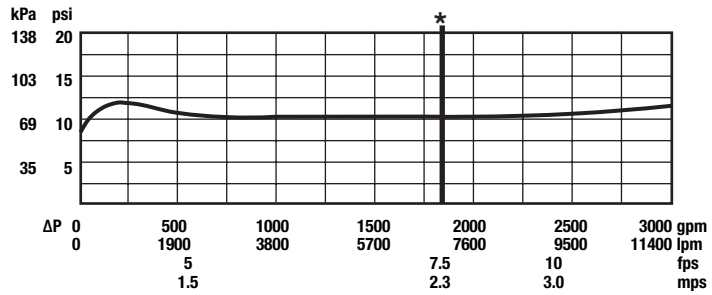
6" (150mm)



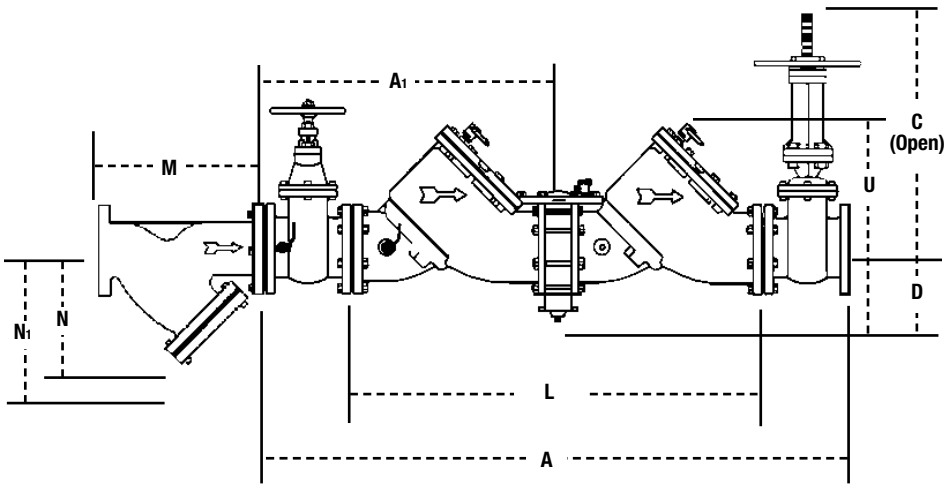
8" (200mm)

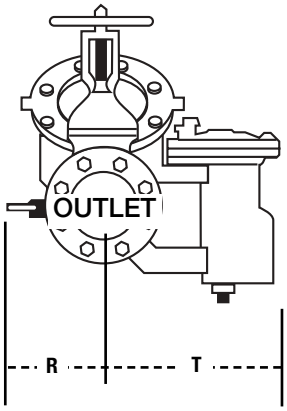


10" (250mm)

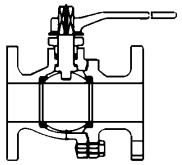


Dimensions — Weights





Quarter-turn (QT) Valve



Watts G-4000 Series Ball Valves Send for F-G4000

NOTE: Relief valve section is reversible, therefore, can be on either side and is furnished standardly as shown.

SIZE (DN)		DIMENSIONS																WEIGHT					
					C						clearance for check												
		A		A1	(OSY)*		(NRS)		D		L		U		R		R (QT)		T		NRS		OSY		QT	
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*	*lbs.*	*kgs.*	*lbs.*	*kgs.*
2½	65	41¼	1048	20⅝	524	16⅜	416	9⅜	238	5¼	133	26⅛	663	11	279	4	102	16	406	9¹⁄₁₆	230	195	88.4	198	89.8	182	82.6
3	80	42¼	1073	21¼	540	18⅞	479	10¼	260	5¼	133	26⅛	663	11	279	5	127	16	406	9¹⁄₁₆	230	225	102	230	104	190	86
4	100	55⅛	1400	27⅝	702	22¾	578	12³⁄₁₆	310	6	152	37	940	14	356	6	152	19¾	502	14⅜	365	455	206	470	213	352	160
6	150	65½	1664	32¾	832	30⅛	765	16	406	6	152	44½	1130	16	406	11	279	26	660	14⅜	365	718	326	798	362	762	346
8	200	78½	2000	39⅜	1000	37¾	959	19¹⁵⁄₁₆	506	9¾	248	55¼	1403	21	533	11¼	286	11¼	286	19¼	489	1350	612	1456	660	2286	1037
10	250	93⅝	2378	46⅞	1190	45¾	1162	23¹³⁄₁₆	605	9¾	248	67⅜	1711	21	533	12½	318	12½	318	21	533	2160	980	2230	1011	3716	1685

*UL, FM approved backflow preventers must include UL/FM approved OSY gate valves.

Strainer Dimensions

SIZE (DN)		DIMENSIONS						WEIGHT	
		M		N1†		N			
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*
2½	65	10	254	10	254	6½	165	28	12.7
3	80	10⅛	257	10	254	7	178	34	15.4
4	100	12⅛	308	12	305	8¼	210	60	27
6	150	18½	470	20	508	13½	343	133	60
8	200	21⅝	549	22¾	578	15½	394	247	112
10	250	26	660	28	711	18½	470	370	168

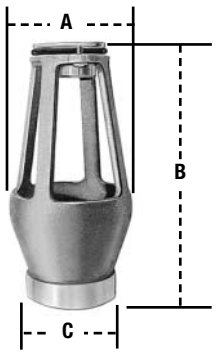
† – Dimension required for screen removal

Air Gap Dimensions

When installing a drain line on Series 909 backflow preventers that are installed horizontally, use 909 AG series air gaps.

			DIMENSIONS						WEIGHT	
Iron Body Model No.	Ordering Code	Series/Sizes	A		B		C			
			in.	mm	in.	mm	in.	mm	lbs	kgs
909AG-F	0881378	1¼" – 3" 009/909 1¼" – 2" 009 M1 2" 009 M2	4⅜	111	6¾	171	2	51	3.25	1.47
909AG-K	0881385	4" – 6" 909 8" – 10" 909 M1	6⅜	162	9⅝	244	3	76	6.25	2.83
909AG-M	0881387	8" – 10" 909	7⅜	187	11¼	286	4	102	15.50	7.03

For flange size backflow preventers installed vertically (flow down), a fabricated air gap is recommended.



For additional information, visit our website at: www.watts.com

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Backflow Prevention Products

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com
Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca

ES-909L 0704

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SENSUS METERING SYSTEMS

SR® Water Meters

Displacement Type Magnetic Drive Cold Water Meters

5/8" (DN 15mm), 3/4" (DN 20mm) and 1" (DN 25mm) Sizes

Description

Applications: Measurement of cold water where flow is only in one direction; in residential, commercial and industrial services.

Conformance To Standards: Sensus Sealed Register® Water Meters comply with ANSI/AWWA Standard C700, latest revision. Each meter is tested to insure compliance.

Construction: Sensus SR Water Meters consist of three basic components: maincase; measuring chamber; and permanently, hermetically-sealed register. Maincases are of bronze with externally-threaded spuds. Measuring chambers are of Rocksyn®, a corrosion-resistant thermoplastic material. Bronze measuring chambers are available as an option.

Maincase bottom plates are available in bronze or, if frost protection is desired, in cast iron or synthetic polymer. Simplicity of design and precise machining of components allows interchangeability of parts among like-size meters to provide ease of maintenance. The register, measuring chamber and strainer can be removed without removing the maincase from the installation.

Sealed Register: Permanently, hermetically sealed; proven magnetic drive design; with integral tamper-proof locking device. Guaranteed for 25 years. The standard register includes a straight-reading, odometer-type totalization display; a 360° test circle with center sweep hand; and a low flow (leak) detector. Gears are self-lubricating, molded plastic for long life and minimum friction. The hermetic sealing of the register eliminates dirt and moisture, tampering, and lens fogging problems.

No change gears are required for accuracy calibration. Encoded-type remote reading systems are available for all SR Water Meters. (See back of sheet for additional information.)

Tamperproof Features: Removing the register to obtain free water is prevented by a locking system inside the meter. Removing the register requires a special tool that is available only to water utilities.

Magnetic Drive: The unique design of the direct magnetic drive is a positive, reliable, dependable drive coupling, proven in millions of SR Water Meters.

Operation: Water flows through the meter's strainer and into the measuring chamber where it operates the piston. The piston, which moves freely, oscillates around a central hub, guided by the rubber-coated division plate.

A drive magnet, incorporated in the piston, rotates around the outside of the hermetically sealed register well and magnetically drives the "follower" magnet sealed within the well. The "follower" magnet drives a crank connected to the register gear train, which translates the number of piston oscillations into volume totalization units displayed on the register face.

Maintenance: Sensus Sealed Register® Water Meters are engineered to provide long-term value and virtually maintenance-free operation because of their design simplicity and interchangeability of modules. Sensus SR® Water Meters are easy to repair, even without removing the maincase from the installation. As an alternate to repair by the utility, Sensus offers various maintenance programs which provide factory reconditioning of the maincase and replacement of components at low fixed prices.

Connections: Tailpieces/Unions for installing the meters on a variety of pipe types and sizes are available as an option.

Guarantee: Sensus SR® Water Meters are backed by "The Sensus Guarantee." Ask your Sensus representative for details, or see Bulletin G-500.

Specifications



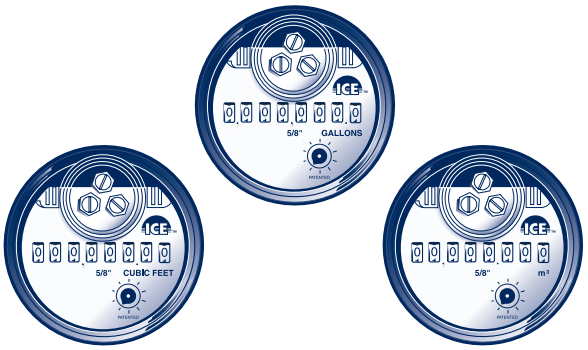
5/8" SR® (DN 15mm) | 3/4" SR® (DN 20mm) | 1" SR® (DN 25mm)

SERVICE	Measurement of cold water with flow in one direction only.
NORMAL OPERATING FLOW RANGE①	5/8" (DN 15mm) size: 1 to 20 gal/min. (0.25 to 4.5 m^3h) 3/4" (DN 20mm) size: 2 to 30 gal/min. (0.45 to 7.0 m^3h) 1" (DN 25mm) size: 3 to 50 gal/min. (0.7 to 11.0 m^3h)
ACCURACY	100% ± 1.5% of actual thruput
LOW FLOW REGISTRATION	5/8" (DN 15mm) size: 95% at 1/4 gal/min. (0.96 m^3h) 3/4" (DN 20mm) size: 95% at 1/2 gal/min. (0.10 m^3h) 1" (DN 25mm) size: 95% at 3/4 gal/min. (0.15 m^3h)
MAXIMUM PRESSURE LOSS	5/8" (DN 15mm) size: 10.8 psi at 20 gal/min. (0.7 bar at 4.5 m^3h) 3/4" (DN 20mm) size: 11.0 psi at 30 gal/min. (0.8 bar at 7.0 m^3h) 1" (DN 25mm) size: 10.9 psi at 50 gal/min. (0.8 bar at 11.0 m^3h)
MAXIMUM OPERATING PRESSURE	150 psi (10.0 bar)
MEASUREMENT ELEMENT	Oscillating piston
REGISTER	Straight reading, hermetically sealed magnetic drive. Remote reading unit optional.
REGISTRATION	5/8", 3/4", 1": 10 gallons, 1 cubic foot, 0.01 m^3 or 0.1 m^3/sweep hand revolution. 5/8", 3/4", 1": odometer wheels (10,000,000 gallons, 1,000,000 cubic feet or 100,000 m^3)
METER CONNECTIONS②	5/8" (DN 15mm) size: 3/4" (26.44mm) threads 5/8" x 3/4" (DN 15mm x 33mm) size: 1" (33.25) threads 3/4" (DN 20mm) size: 1" (33.25mm) threads 3/4" x 1" (DN 20mm x 42mm) size: 1-1/4" (41.91mm) threads 1" x 1-1/4" (DN 25mm x 48mm) size: 1-1/2" (47.75mm) threads (All threads are straight pipe, external type, conforming to ANSI B1.20.1, or ISO R228, if specified.)
MATERIALS③	Maincase—Bronze Measuring chamber—Rocksyn—standard Bronze—optional Bottom plate—Bronze, cast iron or synthetic polymer Magnets—Alnico Trim—Stainless Steel Casing bolts—Stainless Steel Strainer—Thermoplastic

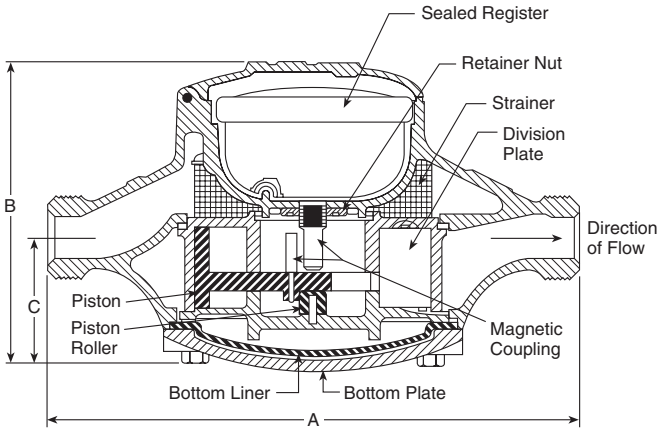
① Maximum rates listed are for intermittent flow only. Maximum continuous flow rates as specified by AWWA are:
5/8" (DN 15mm)—10 gal/min (2.3 m^3h)
3/4" (DN 20mm)—15 gal/min (3.4 m^3h)
1" (DN 25mm)—25 gal/min (5.7 m^3h)

② Unless otherwise noted, 5/8" size and 5/8" x 3/4" characteristics are identical. 5/8" x 3/4" designates 5/8" with 3/4" connection thread. Metric designation is the normal bore x the outside diameter.

③ Synthetic polymer maincase bottom plate available on 5/8" meter only.



5/8" (DN 15mm) Dials Shown



Dimensions and Net Weights

Metric Size	A	B	C	Width	Net Weight①
5/8" (DN 15mm)	7-1/2" (190mm)	4-9/16" (115mm)	2-1/8" (55mm)	4-5/8" (120mm)	5 lb. 12 oz. (2.6 kg)
5/8" x 3/4" (DN 15mm x 33mm)	7-1/2" (190mm)	4-9/16" (115mm)	2-1/8" (55mm)	4-5/8" (120mm)	5 lb. 15 oz. (2.7 kg)
3/4" (DN 20mm)	9" (230mm)	5-1/8" (130mm)	2-9/32" (60mm)	5-1/4" (135mm)	8 lb. (3.6 kg)
3/4" short (DN 20mm)	7-1/2" (190mm)	5-1/8" (130mm)	2-9/32" (60mm)	5-1/4" (135mm)	8 lb. (3.6 kg)
1" (DN 25mm)	10-3/4" (275mm)	5-3/4" (145mm)	2-5/8" (70mm)	6-13/16" (175mm)	12 lb. (5.5 kg)

① With Rocksyn® measuring chamber.

Remote Reading Systems

For use with all sizes of Sensus Water Meters

All Sensus AMR systems work with the same absolute encoder Electronic Communications Registers (ECR), enabling the utility to mix and match or easily move from one system to another without changing registers for each.

The TouchRead® Automated Meter Reading and Billing System—is a multipurpose encoder remote system suitable for indoor and/or outdoor use. The ECR Register uses a wired connection between the meter and an outside remote for inside set meters—or a pitlid mounted module, enabling underground meters to be read automatically without opening the meter box or vault. All wired connections and terminals of the TouchRead PitLid (TR/PL) modules and registers are fully sealed at the factory using a special process to ensure protection from water infiltration. The connection terminals of ECR/WP registers are also factory sealed.

Meters equipped for TouchRead System reading can be read with a visual reading device, stand alone AutoGun, and/or reading gun with an AutoRead HandHeld Device. For more information on TouchRead System equipment refer to bulletins AMR-TR, AMR-401, AMR-403, AMR-312 and EXSUMHH.

PhonRead® AMR—is a reliable telephone based call-in system that does not require batteries for operation. It also does note require equipment to be installed at telephone company facilities. PhonRead Meter Interface Units (MIU) automatically call "in" to the utility office for transferring meter reading data from the meter site to a PC. PhonRead is a transparent AMR system that does not interfere with customers' telephone service. For more information refer to bulletins AMR-PR and AMR-302.

RadioRead® AMR—uses superior Direct Sequence Spread Spectrum modulation to provide reliable, safe and virtually interference free radio-based transmission of reading data from underground or inside-set meters that are equipped with Meter Transceiver Units (MXU). A choice of meter reading options is available. A radio frequency hand-held device (RF-HHD) can be used by a meter reader on foot. The RF-HHD can also be used to collect readings from TouchRead equipped meters, or for manual meter reading entries. A more powerful Vehicle Transceiver Unit (VXU) can be used in any car or truck to read meters while on the move. (A dedicated meter reading vehicle is not required.) For more information refer to bulletins AMR-RR, AMR-301 and AMR-303, and AMR-401.

MultiRead® Port Expanders—can provide the capability to connect multiple ECR equipped meters to a single PhonRead MIU or RadioRead MXU to save the utility time and money for installations such as apartment complexes and shopping centers. Refer to bulletin AMR-305, AMR-306 and AMR-308.

AUTHORIZED SENSUS DISTRIBUTOR

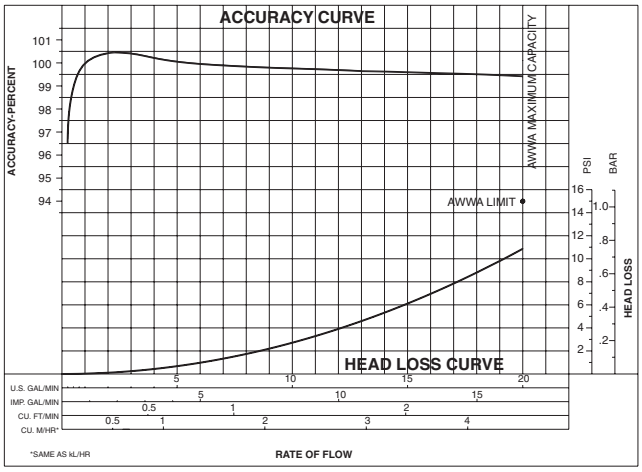
SENSUS METERING SYSTEMS
P.O. Box 487 • 450 N. Gallatin Avenue
Uniontown, PA 15401
1-800-METER-IT • 1-800-638-3748
Fax: Direct to Factory
Local: 724-439-7729 • Toll Free: 1-800-888-2403
www.sensus.com (select "North America Water")
Email: h2oinfo@sensus.com

SENSUS METERING SYSTEMS

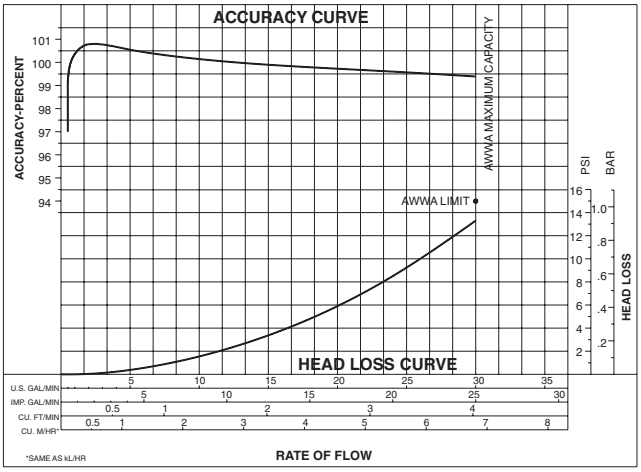
SR® Water Meters

Typical Performance Curves

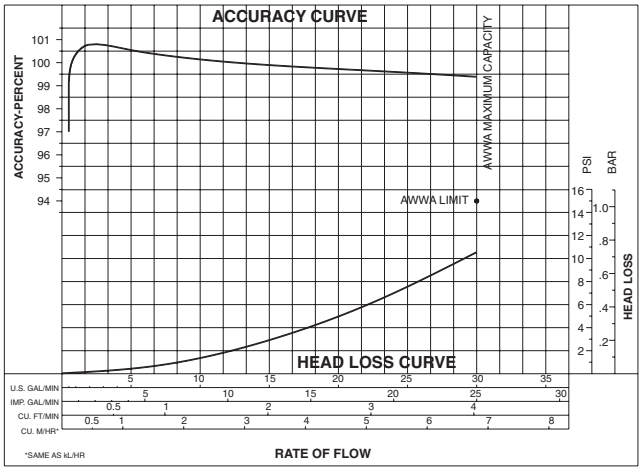
5/8" and 5/8" x 3/4" SR Meter
UA-5619



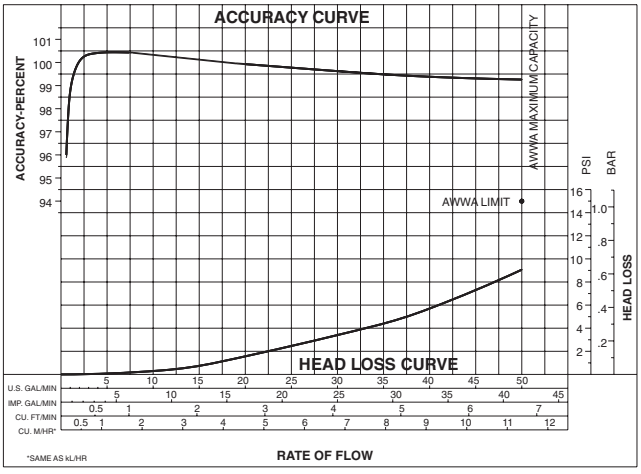
3/4" SR Meter 7-1/2" Laying Length
UA-5831



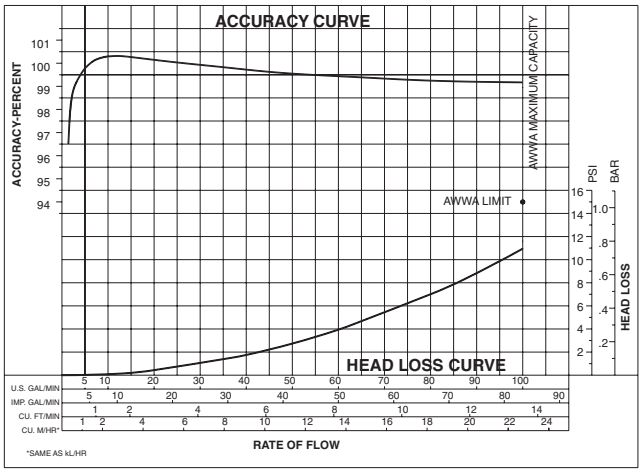
3/4" and 3/4" x 1" SR Meter
UA-5830



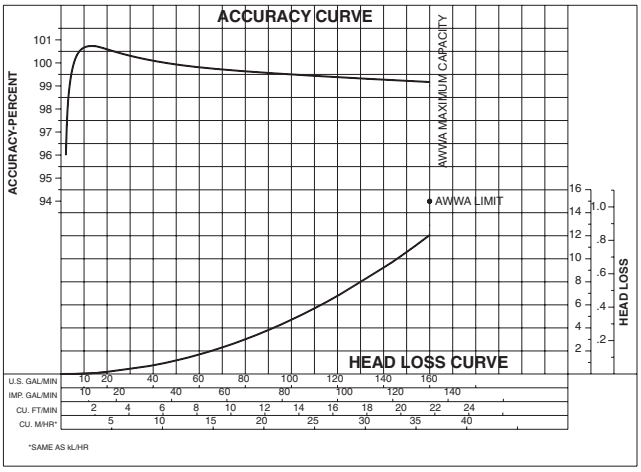
1" and 1" x 1-1/4" SR Meter
UA-5832



1-1/2" SR Meter
UA-5674



2" SR Meter
UA-5673



APPENDICES

HYDRANT FLOW TEST RESULTS WIGINTON FIRE SYSTEMS ..... APPENDIX A

APPENDIX A

HYDRANT FLOW TEST RESULTS

PER WIGINTON FIRE SYSTEMS

From: Nick E. Guerrina <neg@Wiginton.net>
Sent: Thursday, July 9, 2020 1:51 PM
To: Baker, Danny
Cc: Geiger, Marcus
Subject: RE: Winter Springs Marketplace Hydrant Flow Test
Attachments: Hydrant Flow Location results.pdf

Categories: External

Hey Danny see attached as requested. Please keep me updated with the project. I would like the opportunity to try to estimate it. Also please reach out if the architect is looking for a fire protection drawing for the building permit.
Thank you,

Nick E. Guerrina | Contract Sales Representative
Wiginton Fire Systems - Orlando, FL
699 Aero Lane, Sanford, FL 32771

tel: 407-585-3200,292
dir: 407-585-3292
cell: 407-639-7800
neg@wiginton.net
100% EMPLOYEE OWNED | www.wiginton.net

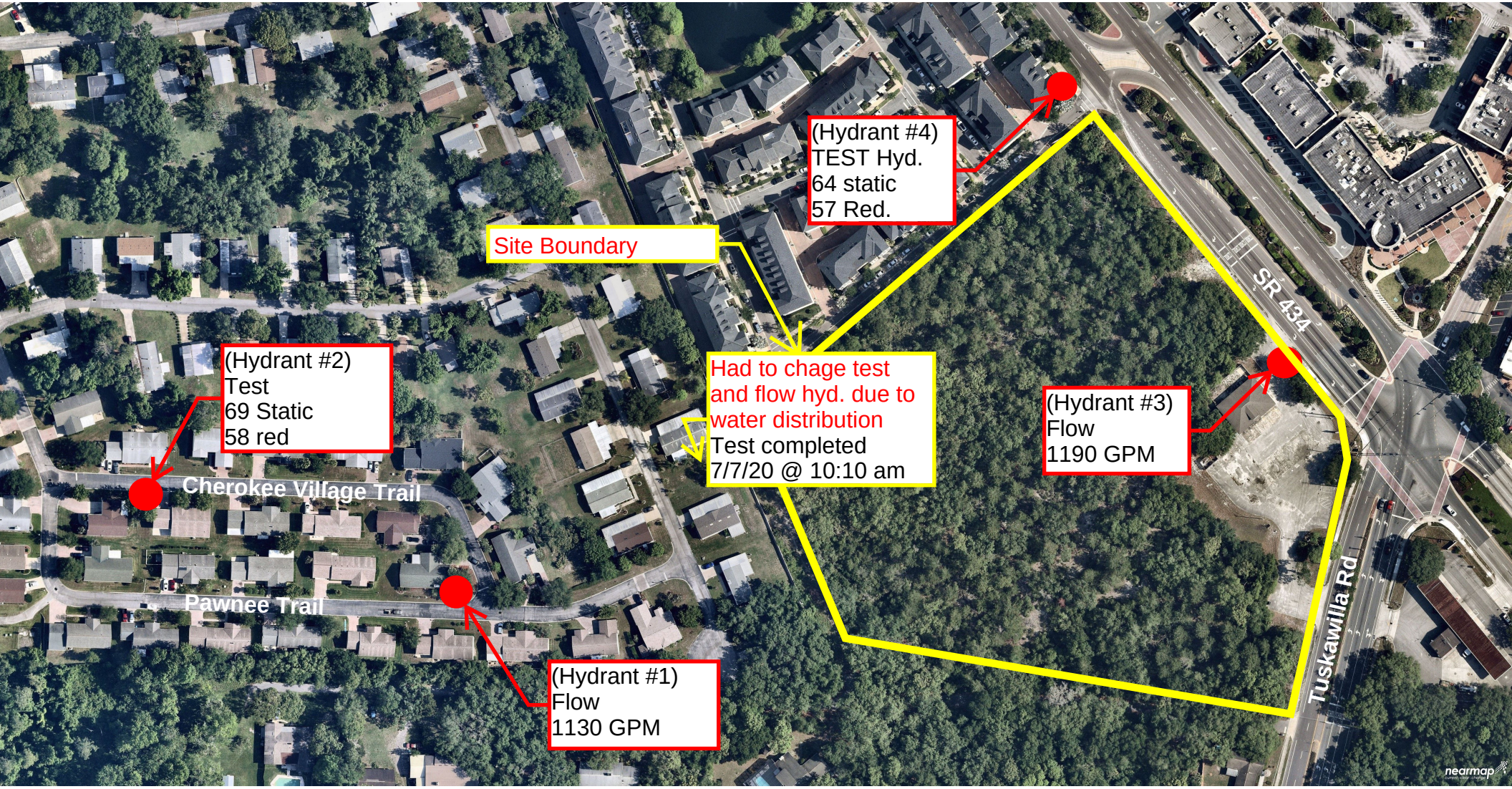
********** NOTICE **********
Have you seen our Customer Portal?
To get registered click the following link
https://customer.wiginton.net

From: Baker, Danny [mailto:Danny.Baker@kimley-horn.com]
Sent: Monday, July 6, 2020 12:21 PM
To: Nick E. Guerrina <neg@Wiginton.net>
Cc: Geiger, Marcus <Marcus.Geiger@kimley-horn.com>
Subject: RE: Winter Springs Marketplace Hydrant Flow Test

Nick,

Yes, 9:00 AM works well for me, thank you. I'll be there tomorrow at 9:00 AM. My cell phone number is 561-354-8543. If you want to give me call tomorrow morning to let me know which hydrants you want to start on or if you want to let me know via email, either works. Thank you.

Danny Baker, E.I.
Kimley-Horn | 189 S. Orange Avenue, Suite 1000, Orlando, FL 32801
Direct: 407 815 3574
Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com


(Hydrant #4)
TEST Hyd.
64 static
57 Red.
Site Boundary
SR 434
(Hydrant #2)
Test
69 Static
58 red
Had to chage test
and flow hyd. due to
water distribution
Test completed
7/7/20 @ 10:10 am
(Hydrant #3)
Flow
1190 GPM
Cherokee Village Trail
Pawnee Trail
Tuskawilla Rd
(Hydrant #1)
Flow
1130 GPM
nearmap

August 4, 2020

Ms. Kirsten Davis
Equinox Development
630 S. Maitland Avenue
Suite 100
Maitland, Florida 32751

ECS Project No. 55:3210

SUBJECT: Listed Wildlife Species Survey
± 10.25 - Acre Winter Springs Property
Winter Springs, Seminole County, Florida

Dear Ms. Davis:

As requested, ECS Florida, LLC (ECS) is pleased to present the following Listed Wildlife Species Survey for the ± 10.25 - Acre Winter Springs Property located in Winter Springs, Seminole County, Florida. Work was provided by our sub-consultant, Thomson Environmental Consulting (Thomson). We have attached Thomson's report. Thank you for this opportunity to offer our services. Please call the undersigned with questions or comments at (407) 859-8378.

Respectfully submitted,

ECS FLORIDA, LLC

Ivona Minossora
Environmental Group Manager

James (Cliff) Hendrickson, P.G.
Florida Professional Geologist 2226
Environmental Principal

Attachment: Thomson's Listed Wildlife Species Survey

2324 Leu Road
ORLANDO, FLORIDA 32803
407.374.3681 – tel
407.405.8725 – cell

October 22, 2018

Ivona Minossora
ECS Florida, LLC
2815 Directors Row, Suite 500
Orlando, Florida 32809

RE: Listed Wildlife Species Survey
±10.25-Acre Winter Springs Property
Winter Springs, Seminole County, Florida
Thomson Project No. 18-650

Ms. Minossora:

Thomson Environmental Consulting, LLC (Thomson) completed a Listed Wildlife Species Survey of the ±10.25-Acre Winter Springs Property (the property) generally located in the southwest corner of the intersection of State Road 434 and Tuskawilla Road. The field portion of the survey was conducted on October 9, 2018. The purpose of the field visit was to evaluate the subject property for the occurrence and/or potential for occurrence of protected wildlife species (and their habitat). The following report (and referenced exhibits) describes relevant ecological conditions observed on the site during the field investigation and the results of documented literature regarding the presence of protected wildlife species and/or habit on the site and its relevant surroundings.

SITE DESCRIPTION AND LOCATION

The property is generally located in the southwest corner of the intersection of State Road 434 and Tuskawilla Road in Winter Springs, Seminole County, Florida. The property measures ±10.25 acres using the Seminole County Geographic Information System (GIS) coverages, but only ±9.9 acres according to the Seminole County Property Appraiser (SCPA). Per the SCPA, the property comprises 4 legal parcels identified as follows:

- SCPA PID 36-20-30-502-0000-0070 (±2.82 acres)
- SCPA PID 36-20-30-502-0000-0080 (±3.03 acres)
- SCPA PID 26-20-30-5AR-0A00-008F (±0.26 acre)
- SCPA PID 36-20-30-502-0000-0090 (±3.79 acres)

thomson
ENVIRONMENTAL CONSULTING

2324 Leu Road
ORLANDO, FLORIDA 32803
407.374.3681 – tel
407.405.8725 – cell

Figure 1 is a location map showing the entirety of the property, including internal named streets.

Figure 2 is a true-color rectified aerial (circa 2017) of the property and its immediate surroundings.

Figure 3 is a topographic quadrangle map showing the topographic relief on the property and in the local region surrounding the site.

SOILS

Soils were identified using the Natural Resource Conservation Service's *Soil Survey of Seminole County, Florida*. The following soil units and descriptions were mapped by the soil survey on the property:

Myakka and EauGallie Fine Sands (Map Unit 20) – This soil represented approximately 2.66 acres of the property. The soils in this map unit are nearly level and poorly drained. These soils are on broad plains on the flatwoods. The slopes are dominantly less than 2 percent. During most years, the soils in this map unit have a seasonal high water table within 12 inches of the surface for 1 month to 4 months. The permeability of Myakka soil is rapid in the surface and subsurface layers and substratum and moderate or moderately rapid in the subsoil. The permeability of EauGallie soil is rapid in the surface and subsurface layers, moderate or moderately rapid in the sandy part of the subsoil, and moderately slow in the loamy part of the subsoil.

Paola-St. Lucie Sands, 0 to 5 percent slopes (Map Unit 24) – This soil represented approximately 6.33 acres of the property. The soils in this map unit are nearly level to gently sloping and excessively drained. These soils are on upland ridges. The slopes are 0 to 5 percent. The soils in this map unit have a seasonal high water table at a depth of 80 inches or more.

Tavares-Millhopper Fine Sands, 0 to 5 percent slopes (Map Unit 31) – This soil represented approximately 1.26 acres of the property. The soils in this map unit are nearly level to gently sloping and moderately well drained. These soils are on low ridges and knolls on the uplands. The slopes are nearly smooth to slightly convex. The soils in this map unit have a seasonal high water table at a depth of 36 to 60 inches for 2 to 6 months.

Figure 4 shows the property and soils as mapped by the Soil Survey.

Soils observed during the site visit seemed to generally match those as described in the Soil Survey. No indications of hydric soils were observed.

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VEGETATIVE COMMUNITIES AND LAND USES

Prior to the field visit, Geographic Information System (GIS) data from the St. Johns River Water Management District (SJRWMD) was reviewed to identify documented vegetative communities and land uses on the property. These site conditions are documented using the Florida Land Use, Cover and Forms Classification System (FLUCCS, Florida Department of Transportation, 1999). FLUCCS classifications for the land covers and uses (as adapted from SJRWMD coverages) on the property are as follows:

Commercial and Services - Abandoned (FLUCFCS code 0140) – This classification represented approximately 1.24 acres of the property. It is the eastern portion of the property that was formerly a Pinch a Penny pool supply store accessible from both Tuskawilla Road and SR 434.

Hardwood-Conifer Mixed (FLUCFCS code 434) – This classification represented approximately 9.01 acres and the majority of the property. This upland, undeveloped area was dominated by slash and sand pine, with a dense subcanopy of xeric oaks in the central portion of the property.

Figure 5 is a FLUCFCS map that depicts the land cover classification described above.

PROTECTED WILDLIFE SPECIES SURVEY

Protected wildlife species are defined as those listed as Threatened, Endangered, or Species of Special Concern by the U.S. Fish and Wildlife Service (USFWS) and/or the Florida Fish and Wildlife Conservation Commission (FWC). The survey consisted of both a search of documented literature and a field reconnaissance.

Documented Literature Search

Prior to the field investigation, documented literature resources were consulted regarding known occurrences of protected wildlife species on or in the vicinity of the project site. These included the FWC's Bald Eagle (*Haliaeetus leucocephalus*) Nest Locator (*https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx*) and Waterbird Colony Locator (*http://atoll.floridamarine.org/waterBirds/*) online locator sites. A query of both databases (from the center of the site extending outward a radius of one mile) revealed no documented occurrences of waterbird colonies within 1 mile of the property. The closest documented bald eagle nest (Nest ID SE087) was documented approximately 2,250 feet east of the property, which is well outside of any applicable buffer zones.

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The NRCS Web Soil Survey (*https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx*) was used to identify soils suitable for the burrowing needs of gopher tortoises (*Gopherus polyphemus*, state-Threatened). The areas identified as Paola-St. Lucie Sands and Tavares-Millhopper Complex were rated as "Highly Suited" soils for gopher tortoises, while the area identified as Myakka and EauGallie Fine Sands are rated as "Less Suited".

The property was mapped within the USFWS Consultation Area for the following federally-listed species: Audubon's Crested Caracara (*Polyborus plancus audubonii*, Threatened), Red-Cockaded Woodpecker (*Picoides borealis*, Endangered), Florida Scrub-Jay (*Aphelocoma coerulescens*, Threatened), the Everglades Snail Kite (*Rostrhamus sociabilis plumbeus*, Endangered), and the Florida Wood Stork (*Mycteria americana*, Endangered).

Field Reconnaissance and Observations

A protected wildlife species survey and habitat assessment was conducted over the entire property on October 9, 2018. Protected wildlife species are defined as those listed as Threatened, Endangered, or Species of Special Concern by the U.S. Fish and Wildlife Service (USFWS) and/or the Florida Fish and Wildlife Conservation Commission (FWC).

No indication of bald eagle foraging was observed. No nests or juveniles were observed on the property.

A survey for gopher tortoises and/or occupied habitat was conducted over 100% of the suitable soils on the property by Mr. Joel Thomson of Thomson Environmental Consulting, LLC (an Authorized Agent for surveying by FWC). The results of the survey yielded no potentially-occupied gopher tortoise burrows, and no indication of gopher tortoise presence. Based on the quality of habitat, it is recommended that an additional survey of the property be performed within 90 days of intended construction, per the FWC's guidelines.

The presence of some scrub oaks on the property often represents potential habitat for the Florida Scrub-Jay. The habitat was determined to be too overgrown to represent viable habitat, likely the result of fire exclusion and other factors related to the surrounding development. No indications of Florida Scrub-Jays was observed during the survey.

No other protected wildlife species concerns were observed during the course of the field survey. The numerous species with Consultation Areas covering the property have unique, individualized habitat needs that are not offered on the property due to developed nature of much of the property and the lack of natural habitat.

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LIMITATIONS OF THIS REPORT

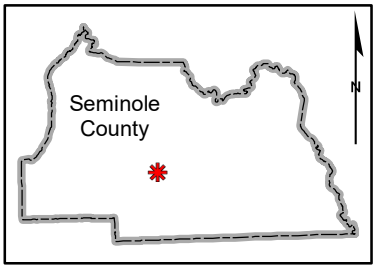
It is important to note that the conclusions of this report are necessarily based on the conditions observed on the day of the field investigation, as well as our scientific judgment of the site's potential to support protected species (based on each species' optimal habitat requirements). Due to this "snapshot" view of the site, the results presented in this report may not accurately reflect changing site conditions and/or wildlife species' temporal and spatial movements.

Thomson appreciates the opportunity to provide these services to you. If there are questions regarding this report, or a need for further information, please contact the undersigned at your convenience.

Respectfully,
Thomson Environmental Consulting, LLC

Joel A. Thomson
President





General Location

0 500 1,000

1" = 1,000'

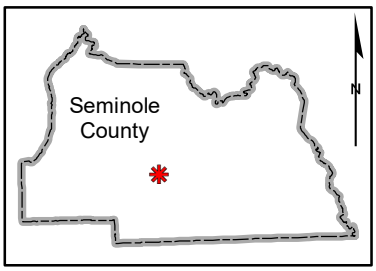
Figure 1
Location Map
Winter Springs Property
Winter Springs, Seminole County, Florida

Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

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3428 PELICAN LANE ORLANDO, FLORIDA 32803
TEL 407.405.8725 FAX 407.792.5692
WWW.THOMSONENV.COM

Thomson Project No. 18-650
October 2018





General Location

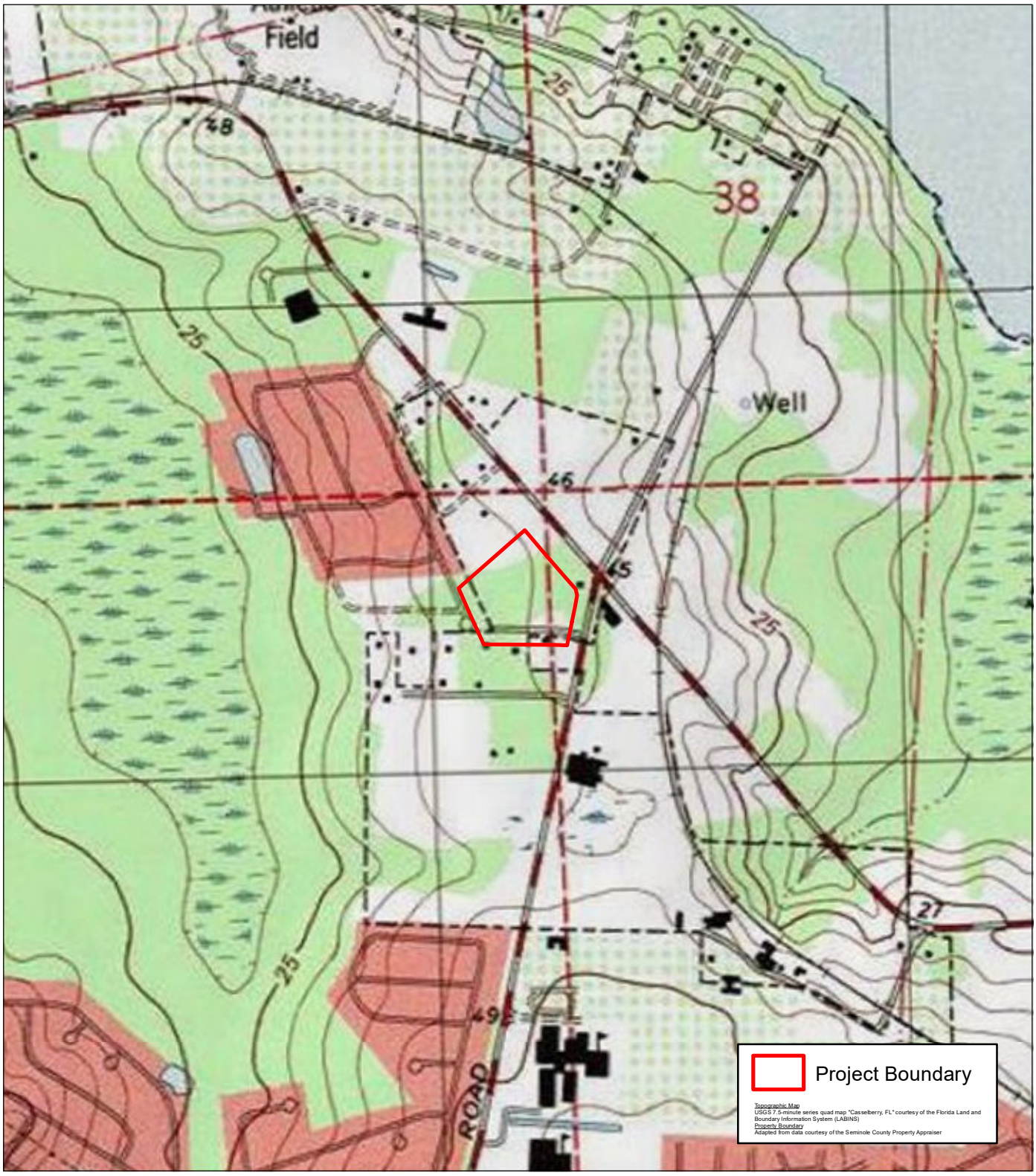
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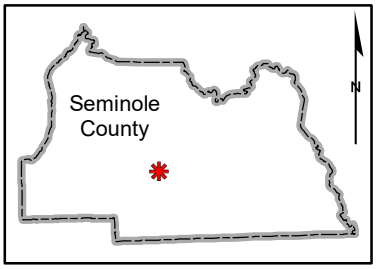
1" = 150'

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TEL 407.405.8725 FAX 407.792.5692
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Figure 2
Aerial Photograph
Winter Springs Property
Winter Springs, Seminole County, Florida
Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

0 500 1,000

1" = 1,000'

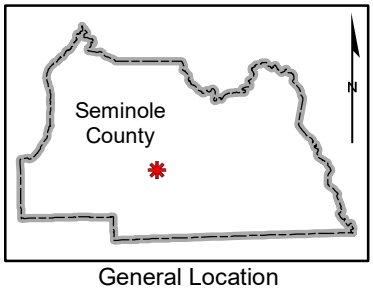
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Figure 3
Topographic Map
Winter Springs Property
Winter Springs, Seminole County, Florida

Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

0 75 150

1" = 150'

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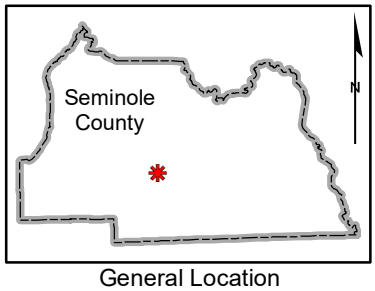
Figure 4
Soils Map

Winter Springs Property
Winter Springs, Seminole County, Florida

Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

0 75 150

1" = 150'

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Figure 5
FLUCCS Map
Winter Springs Property
Winter Springs, Seminole County, Florida
Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Chapter 20 – Zoning Sec. 20-34. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Waiver is quasi-judicial in nature.

Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Waiver recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Waivers and may impose reasonable conditions on any approved Waiver to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan. All formal decisions shall be based on competent substantial evidence and the applicable criteria as set forth in Chapter 20, Zoning. Applicants are advised that if, they decide to appeal any decisions made at the meetings or hearings with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to insure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per Florida Statute 286.0105.

A Waiver which may be granted by the City Commission shall expire two (2) years after the effective date of such approval by the City Commission, unless a building permit based upon and incorporating the Waiver, is issued by the City within said time period. Upon written request of the property owner, the City Commission may extend the expiration date, without public hearing, an additional six (6) months, provided the property owner demonstrates good cause for the extension In addition, if the aforementioned building permit is timely issued, and the building permit subsequently expires and the subject development project is abandoned or discontinued for a period of six months, the Waiver shall be deemed expired and null and void, per Chapter 20 – Sec.20-36.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC Date: 5/13/2025

Mailing address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Project Name: Wawa At Winter Springs Marketplace

Property Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 1.21 Acres

Existing Use: Commercial

All waiver requests shall be written in the following format: A waiver is requested from Winter Springs City Code 'X' to allow 'Y' in lieu of 'Z'. After the request, the applicant shall provide a justification for each waiver request.

List Waiver(s)(provide additional sheets if necessary): See attached cover letter.

Demonstrate that the applicable term or condition clearly creates an illogical, impossible, impractical, or patently unreasonable result related to the proposed property and development?

See attached cover letter.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

Demonstrate that the proposed development plan is in substantial compliance with Chapter 20 of the City's Code of Ordinances and in compliance with the Comprehensive Plan?

See attached cover letter.

Will the proposed development plan significantly enhance the real property?

See attached cover letter.

Will the proposed development plan serve the public health, safety, and welfare of the City of Winter Springs?

See attached cover letter.

Will the waiver diminish property values in or alter the essential character of the surrounding neighborhood?

See attached cover letter.

Is the waiver request the minimum waiver that will eliminate or reduce the illogical, impossible, impractical, or patently unreasonable result caused by the applicable term or condition under Chapter 20 – Zoning?

See attached cover letter.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
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Application – Waiver

Is the proposed development plan compatible and harmonious with the surrounding neighborhood?
See attached cover letter.

List all witnesses that the applicant intends to present to the City Commission to provide testimony:
Ryan Stahl, Cory Sitler, and Jonathan Martin

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:
Photos (if needed)

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

REQUIRED DOCUMENTATION

_x_ A complete Application and Fee

_x_ A general description of the relief sought under this division

_x_ A brief explanation, with applicable supporting competent substantial evidence and documents, as to why the application satisfies the relevant criteria set forth in this division

_x_ A Legal Description accompanied by a certified survey or the portion of the map maintained by the Seminole County Property Appraiser reflecting the boundaries of the subject property (To scale).

_x_ An Excel mailing list with the names and addresses of each property owner within 500 ft. of each property line, along with the HOA Associations within 1/2 mile of each property line.

___ For all new commercial development and new residential subdivisions of ten (10) or more lots or existing commercial buildings being altered by 50 percent or greater of the original floor plan or seating capacity and requiring a modified site plan, or development agreements process under section 20-28.1 of the City Code, or as otherwise deemed applicable by the city to relevantly and competently examine an application for compliance with the city code and the affect and impact the proposed use will have on neighborhood and surrounding properties, applicants shall be required to submit with the following additional information referenced in Chapter 20 – Zoning Sec.20.29 Applications (7) – (11).

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Waiver

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for an Aesthetic Review for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 5/9/25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 36-20-30-502-0000-0090

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: _____

My Commission Expires: June 4, 2027

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____





ECS Florida, LLC

Preliminary Geotechnical Engineering Report

Tuskawilla Retail Development

170 Tuskawilla Road
Winter Springs, Seminole County, Florida

ECS Project Number 24:6366

November 15, 2018
Revised December 15, 2020

November 15, 2018
Revised December 15, 2020

Equinox Development Properties, Inc.
630 South Maitland Avenue, Suite 100
Maitland, Florida 32751

Attention: Ms. Kirsten Davis

ECS Project No. 24:6366

Reference: Preliminary Geotechnical Engineering Report
Tuskawilla Retail Development
170 Tuskawilla Road
Winter Springs, Seminole County, Florida

Dear Ms. Davis:

ECS Florida, LLC (ECS) has completed the subsurface exploration, laboratory testing, and geotechnical engineering analyses for the above-referenced project. Our services were performed in general accordance with our Proposal No. 24:12884-GP dated August 17, 2018. This report presents our understanding of the geotechnical aspects of the project, the results of the field exploration and laboratory testing conducted, and the design and construction aspects. **This report has been revised at the request of your group based on the revised scope of the project.**

It has been our pleasure to be of service to Equinox Development Properties, Inc. during the design phase of this project. We would appreciate the opportunity to remain involved during the continuation of the design phase, and we would like to provide our services during construction phase operations as well to verify the assumptions of subsurface conditions made for this report. Should you have any questions concerning the information contained in this report, or if we can be of further assistance to you, please contact us.

Respectfully submitted,

ECS Florida, LLC

Mark Wright EIT
Geotechnical Project Manager
mwright1@ecslimited.com

John P. Hicks, P.E.
Branch Manager
FL PE No. 83517
jhicks@ecslimited.com

JOHN P. HICKS LICENSE No. 83517 STATE OF FLORIDA PROFESSIONAL ENGINEER

MW/JPH/das

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EXECUTIVE SUMMARY

The following paragraphs provide a brief discussion of our findings and recommendations. Please refer to the complete report for more detailed discussion.

ECS Florida, LLC (ECS) has completed the subsurface exploration for the proposed Tuskawilla Retail Development (approximately 9.95 acres in size) located at 170 Tuskawilla Road in Winter Springs, Seminole County, Florida. The project information summarized below is based exclusively on the information made available to us by your group at the time of this report. Our findings, conclusions and recommendations are summarized below.

PROJECT INFORMATION:

- Site Location : 170 Tuskawilla Road in Winter Springs, Seminole County, Florida
- Building Scope: Four (4) one-story retail structures & two (2) out parcel buildings
- Building Type: Concrete Masonry Unit (CMU) and steel framed structures.
- Assumed Loads: Max. Column loads = 80 kips, Max. wall loads = 5 klf
- Earthwork: Estimated fills of up to 3 feet and cuts up to 10 feet (pond area)
- SWM Facility: Two (2) dry ponds, one (1) wet pond and five (5) exfiltration systems

SUBSURFACE CONDITIONS:

- Field Exploration: 19 SPT borings drilled within the subject property limits to the depths ranging between 10 feet and 20 feet below the existing ground surface.
- Site Conditions: Heavily wooded except in the north eastern corner of the property, where there is an existing structure with associated parking area.
- Probable Fill: Not encountered
- Natural Soils: SAND (SP), and SAND WITH SILT (SP-SM)
- Refusal Materials: Not encountered within the depths of borings
- Groundwater: Encountered between 3.5 feet and 5.5 feet below the ground surface at the boring locations, seasonal high water table is anticipated to be between 2.5 feet and 5 feet below the existing grades.

GEOTECHNICAL & CONSTRUCTABILITY CONSIDERATIONS

- **Wet fill soils:** We anticipate soils excavated from the proposed pond area will be used for structural fill across the site for grading purposes. Due to a higher groundwater table, soils anticipated to be used as structural fill are expected to be wet. Wet soils will require a drying period prior to being compacted for structural fill. Due to the granular nature of the material encountered; however, we anticipate that the soils should dry relatively quickly if spread during hot/dry conditions.

- **High groundwater table:** High groundwater was observed across the site and will need to be considered with respect to the dewatering of utility excavations.

- **Existing Structure:** An existing structure was noted within the eastern portion of the site. The existing structure and its associated subsurface foundations and utilities should be removed prior to the placement of structural fill or foundations for the proposed building areas.

PRELIMINARY DESIGN & CONSTRUCTION RECOMMENDATIONS:

- Shallow foundations:

Max. Net Allow. Bearing Pressure	= 3,000 psf
Min. Exterior (Unheated) Embedment	= 18 inches
Min. Interior (Heated) Embedment	= Minimum 24 inches
Slab Subgrade Modulus:	= 100 pci

Based on the information provided to us, it should be noted that the recommendations made in our report are preliminary in nature. Therefore, a final geotechnical exploration report meeting regulatory standards may be necessary in future for final design recommendations. The recommendations made in our report are based on the loading assumptions noted above. A final site development plan has not been provided to us. Once the final site plan is developed along with the proposed grading information, we recommend that our office be contacted to review these items and propose a final geotechnical scope of exploration. Final recommendations regarding the bearing capacity, settlements, and foundation design must be made after completion of a final geotechnical exploration program.

This summary should not be considered apart from the entire text of the report with all the qualifications and considerations mentioned herein. Details of our conclusions and recommendations are discussed in the report text.

1.0 INTRODUCTION

1.1 GENERAL

The purpose of this study was to provide geotechnical information for the design of structure foundations and construction consideration and recommendations for the proposed Tuskawilla Retail Development. This report includes preliminary recommendations regarding the new buildings, pavements, stormwater management area, and associated utilities. This report contains the results of our subsurface explorations and laboratory testing programs, site characterization, engineering analyses, and recommendations for the design and construction of the proposed development. The recommendations developed for this report are based on project information supplied by Equinox Development Properties, Inc.

1.2 SCOPE OF SERVICES

In order to explore the subsurface soil conditions and to determine the depth and character of soils on this site, a total of nineteen (19) soil test borings were performed within the proposed area of the development. A Conceptual Sketch dated August 8, 2018 of the proposed development prepared by Kimley-Horn and Associates, Inc. was provided prior to the field exploration and a revised Conceptual Sketch dated October 30, 2018 was provided **after** the field exploration had been completed. **Additionally, this report has been revised based on an updated Overall Site Plan dated November 3, 2020 prepared by Marcus Gieger with Kimley-Horn**. The Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc. was also provided at the time of writing this report.

Conclusions and recommendations contained in this report are based upon these soil borings, a site reconnaissance, laboratory test results of boring samples, and provided plans. This preliminary report discusses our exploratory and testing procedures, presents our findings and evaluations and includes the following:

- A brief review and description of our field and laboratory test procedures and the results of testing conducted.
- A review of surface topographical features and site conditions.
- A review of area and site geologic conditions.
- A review of subsurface soil stratigraphy with pertinent available physical properties.
- Copies of our soil test boring logs.
- Preliminary recommendations for site preparation and construction of compacted fills, including an evaluation of on-site soils for use as compacted fills and delineation of potentially unsuitable soils and/or soils exhibiting excessive moisture at the time of sampling.
- Evaluation and recommendations relative to groundwater control.
- Preliminary foundation recommendations for the proposed retail buildings.
- Preliminary recommendations for pavement design.
- Stormwater management design parameters for the ten (10) proposed stormwater management facilities anticipated within the property.

The recommendations contained herein were developed from the data obtained in the soil test borings, which indicate subsurface conditions at these specific locations at the time of exploration. Soil conditions may vary between the borings. If during the course of construction variations appear evident; the Geotechnical Engineer should be informed so that the conditions can be addressed.

1.3 AUTHORIZATION

Our services were provided in accordance with our Proposal No. 24:12884-GP dated August 17, 2018 and as authorized by you on September 22, 2018, and includes the Terms and Conditions of Service outlined with our Proposal/Contract between ECS Florida, LLC and Equinox Development Properties, Inc.

2.0 PROJECT INFORMATION

2.1 PROJECT LOCATION

The subject site is located to the southwest of the intersection between Tuskawilla Road and State Road 434, more specifically at 170 Tuskawilla Road in Winter Springs, Seminole County, Florida. The subject property (approximately 9.95 acres in size) is pentagonal in shape, generally bounded to the north by State Road 434, to the east by Tuskawilla Road, to the south by a vacant property and to the west by a residential community. A Conceptual Sketch is included below and within Appendix A of this report.



Figure 2.1.1 – Approximate Site Location

2.2 PAST SITE HISTORY/USES

A review of available aerial imagery dated back to 1980 and our knowledge of the site, we understand that the site is primarily heavily wooded with a retail building located within the north eastern corner of the proposed area of development which appears to have been built in either the 1980s or 1990s.

2.3 CURRENT SITE CONDITIONS

Based on our site reconnaissance and review of the topographic data, provided by you from Shannon Surveying Inc., dated October 15, 2018, the site is sloping from the south downward to primarily the northwestern portion of the proposed development with existing ground surface elevations varying approximately between EL. +46 feet-datum and EL. +42.5 feet-datum. A boring location survey was not performed as a part of our scope.

2.4 PROPOSED CONSTRUCTION

Our understanding of the proposed construction is based on information provided by Equinox Development Properties, Inc and the Overall Site Plan dated November 3, 2020 prepared by Marcus Gieger with Kimley-Horn. Based on our understanding of the project, the proposed

construction would likely consist of multiple structures including, four (4) one-story retail buildings (approximately between 4,280 and 19,209 square feet, respectively) two (2) out parcel building (approximately 2,325 and 3,056 square feet). Site features are to include a stormwater , one (1) wet pond, two (2) dry retention pond areas within the southern portion of the site, and the associated paved parking areas with five (5) underground exfiltration systems within the northern portion of the property, driveway lanes, and utilities.

We would anticipate based on current site grading as well surrounding grading for adjacent commercial properties that the proposed structures may be supported on conventional shallow foundations bearing at an assumed elevation of EL. +42 feet-datum on natural soils. We assumed that finished floor elevation of the proposed structures would be approximately at EL. +44 feet-datum. Based on the existing and proposed grades, we expect maximum fills for the structures to be on the order of 3 feet given the current conceptual drawings for the development. We understand structural loads for the retail structures will be up to approximately 80 kips for column loading, and we have assumed continuous wall loading up to about 5 kips per linear foot.

3.0 FIELD EXPLORATION

3.1 FIELD EXPLORATION PROGRAM

The field exploration was planned with the objective of providing an assessment of the site, characterizing the project site in general geotechnical and geological terms and to evaluate subsequent field and laboratory data to assist in the determination of geotechnical recommendations.

3.1.1 Test Borings

Prior to performing the subsurface exploration, underground utilities were located through the Sunshine State One-Call system. The soil test borings were located in the field by an ECS representative utilizing a hand held GPS unit as reference. The Boring Location Diagram in the Appendix A indicates the approximate location of the borings. The soil test borings were completed with the following drilling and sampling equipment:

- ATV drill rig
- Mud Rotary drilling utilizing 3 ¼ inch hollow-stem augers
- Manual hammer
- Conventional split-spoon soil sampler

Representative soil samples were obtained by means of the split-barrel sampling procedure in accordance with ASTM Specification D 1586. In this procedure, a two-inch O.D., split-spoon sampler is driven into the soil a distance of 18 inches by a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler through the final 12-inch interval, after initial setting of 6 inches, is termed the Standard Penetration Test (SPT) N-value and is indicated for each sample on the boring logs (attached in Appendix B). The SPT values can be used as a qualitative indication of the in-place relative density of cohesionless soils, and as a relative indication of consistency in cohesive soils. This indication is qualitative, since many factors can significantly affect the standard penetration resistance value and prevent a direct correlation between drill crews, drill rigs, drilling procedures, and hammer-rod-sampler assemblies.

A field log of the soil encountered at each boring was maintained by the drilling crew. After recovery, each geotechnical sample was removed from the sampler and visually classified by the driller. Representative portions of each sample were then sealed in containers and transported to our laboratory in Orlando, Florida for further visual examination and laboratory testing. After completion of the drilling operations, the boreholes were backfilled with auger cuttings.

Please note that ground surface elevations noted on our boring logs were interpolated from the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc.; however, we recommend that the boring locations are surveyed for elevations to extend the usefulness of the subsurface information obtained.

3.2 REGIONAL/SITE GEOLOGY

Based on the Geologic Map of Florida, Central Florida geologic conditions can generally be described in terms of three basic sedimentary layers. The near-surface layer is primarily composed of sands containing varying amounts of silt and clay fines that are underlain by a layer of clay, clayey sand, locally referred to as the "Hawthorn Group" which is underlain by phosphate, and limestone. The thickness of these strata varies throughout Central Florida. In general, the surficial sands typically extend to depths of 40 feet to 70 feet below the ground surface, while the "Hawthorn Group" ranges from nearly absent in some locations to thicknesses greater than 100 feet. The limestone formation may be several thousand feet thick.

The groundwater hydrogeology of Central Florida can be described in terms of the nature and relationship of the three basic geologic strata. The near surface and upper stratum are fairly permeable and comprise the water table (unconfined) aquifer. The deep limestone formation of the Floridian aquifer is highly permeable due to the presence of large interconnected channels and cavities throughout the rock. The Floridian aquifer is the primary source of drinking water in Central Florida. These two permeable strata are separated by the relatively low permeability clays in the "Hawthorn Group." The amount of groundwater flow between the two aquifer systems is dependent on the thickness and consistency of the "Hawthorn Group" clay confining beds which, as previously stated, varies widely throughout Central Florida. The following Figure 3.2.1 shows the regional geologic map.

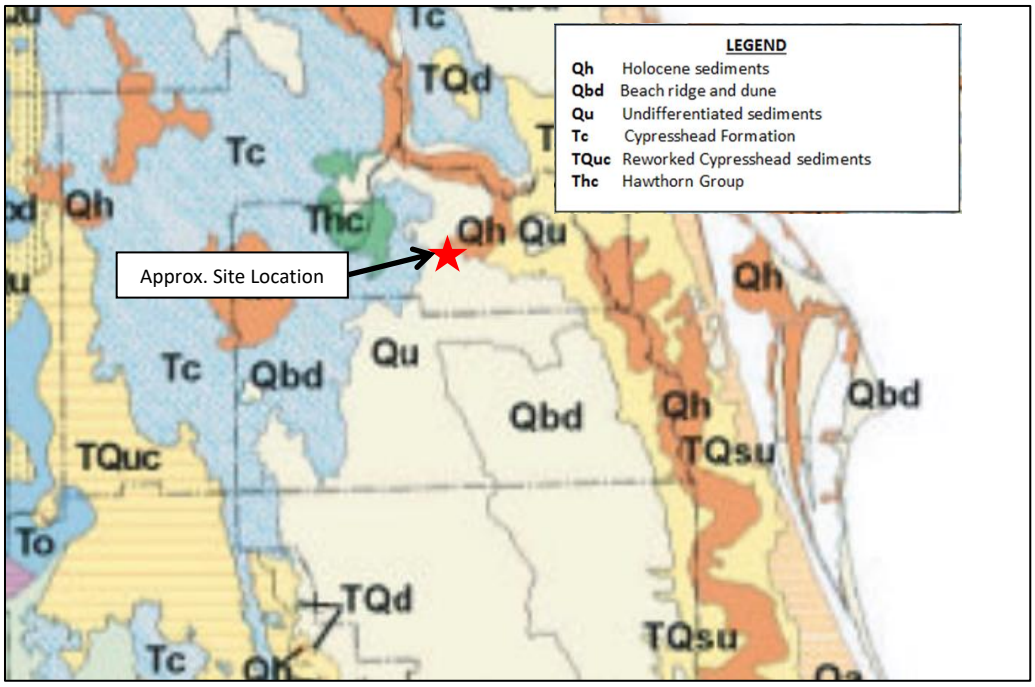


Figure 3.2.1 Regional Geologic Map (Geologic Map of Florida, 2001)

3.3 KARST GEOLOGY

Areas within Central Florida are known to have karst geology. Karst terrain is characterized by voids, soil domes, soil raveling, interrupted drainage, disappearing streams, and topographical

features such as sinkholes and closed depressions. These features are the result of the dissolution of soluble bedrock such as limestone by groundwater and/or the infiltration of surface water.

As water enters fractures, bedding planes, and other bedrock discontinuities within soluble bedrock, it slowly dissolves the rock and enlarges the discontinuities. Over geologic time, this results in the formation of solution channels or underground passages and ravines which may develop into surficial manifestations such as sinkholes and closed depressions. The dissolution of bedrock is generally a very slow process. However, soil may be eroded or raveled into the enlarged bedrock fractures, creating soil domes. Eventually, soil in these features can be lost through groundwater movement, resulting in surface depressions and potential sudden ground subsidence.

The soils derived from and overlying the carbonate bedrock are typically a clayey and silty soil with varying amounts of sand and rock fragments. The bedrock within the general geographic region is characterized by jointed and faulted soluble carbonate lithologies interbedded with non-carbonate lithologies. These carbonate formations are generally moderately to highly solution prone.

The degree of weathering or solutioning is often controlled by lithological variations and structural orientations. Where structural discontinuities intersect or in areas which are highly fractured, solutioning is intensified creating low areas and seams that are typically filled with residual clayey soils. Conversely, more competent, high areas represent slightly- to non-fractured lithologies that are often coarser grained and only slightly solution prone.

The underlying carbonate formations of the project geographic area are susceptible to Karst-related sinkhole development. Contributing characteristics and factors controlling the development include subsurface structural deformation, joint sets, and thick carbonate bedding within the area. Due to the shallow nature of the exploration performed, the borings did not reveal overt signs of soils associated with karst activity or carbonate rocks.

3.4 SOIL SURVEY MAPPING

Based on the Soil Survey for Seminole County, Florida by the US Department of Agriculture (USDA) Soil Conservation Service the predominant predevelopment soil type(s) at the site is identified and a summary of characteristics of this soil series is included below in Table 3.4.1.

Table 3.4.1 Soil Survey

Soil Type	Constituents	Drainage Class	Water Table Depth
20—Myakka and EauGallie	Fine sand	Poorly drained	0.5 to 1.5 feet
24—Paola-St. Lucie sands, 0 to 5 percent slopes	Sand	Excessively drained	-
31—Tavares-Millhopper complex, 0 to 5 percent slopes	Fine sand and sandy loam	Moderately well drained	3.5 to 6 feet

Soil mapping of the site vicinity showing soil numbers (20, 24, and 31) are presented in Figure 3.4.1 below.



Figure 3.4.1 Site Soil Survey

3.5 SUBSURFACE CHARACTERIZATION

The site subsurface conditions were evaluated with 19 SPT borings advanced to the depths ranging between 10 feet and 20 feet below the existing ground surface at the approximate locations shown on the Boring Location Diagram in Appendix A.

The quantity of borings, boring locations, and drilling depths were developed by ECS prior to performing subsurface exploration based on the type and location of the proposed development from the Kimley-Horn Conceptual Sketch dated August 8, 2018.

The subsurface exploration at each boring location indicated generally SAND (SP) and SAND WITH SIL (SP-SM) from existing grade to the maximum termination of the borings (20 feet below existing grade). The soil auger was able to reach the termination depth at each of the borings. SPT N-values ranged from 5 to 19 blows per foot (bpf). The loose soils encountered were primarily observed within the upper 10 feet of the subsurface profiles

The subsurface conditions at each boring are summarized in Table 3.5.1. The subsurface conditions presented in Table 3.5.1 and shown on the Boring Logs should be considered approximate, based on interpretation of the exploration data using normally accepted geotechnical engineering judgments. It should be noted that transitions between different soil strata are typically less distinct than what is shown on the exploration records. Subsurface conditions between the actual boring locations will vary.

Table 3.5.1 Subsurface Stratigraphy

Approximate Depth Range (ft)	Approximate Elev. Range (ft) (1)	Stratum	Description	Ranges of SPT(2) N-values (bpf)
0 – 20(3)	+45.5 to +22.5	I	SAND (SP), SAND WITH SILT (SP-SM)	5 to 19

Notes: (1) Please note elevations at the boring locations were estimated based upon the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc. and should be considered approximate.
(2) Standard Penetration Test.
(3) Maximum Termination Depth.

3.6 GROUNDWATER OBSERVATIONS

Groundwater levels were measured in our borings as noted on the soil boring logs in Appendix B. The groundwater table was measured approximately between 3.5 feet and 5.5 feet below the existing grades at the boring locations within the drilling depths at the time of our exploration. No further groundwater measurements were made subsequent to drilling operations.

Variations in the long-term water table may occur as a result of changes in precipitation, evaporation, surface water runoff, construction activities, and other factors. The groundwater will fluctuate seasonally depending upon local rainfall. The rainy season in Central Florida is normally between June and September. Based upon our site specific field data, our review of the USDA Soils Survey of Seminole County, the topography of the area, the expected regional hydrogeology and our experience in the area, we estimate the seasonal high groundwater levels likely to be encountered approximately between 2.5 feet and 5 feet below existing grades at the boring locations. Please refer to the individual boring logs presented in Appendix B for boring specific groundwater levels.

Variations in the location of the long-term groundwater level may occur as a result of changes in precipitation, evaporation, surface water runoff, and other factors not apparent at the time of this exploration. The summary of groundwater conditions within the boring locations are provided below in Table 3.6.1.

Table 3.6.1 Summary of Groundwater Conditions

Boring ID	Approximate Ground Surface Elevation (ft-datum) *	Encountered Ground Water Table Depth (ft)	Encountered Groundwater Table Elevation (ft-datum)	Estimated Seasonal High Ground Water Table Depth (ft)	Estimated Seasonal High Ground Water Elevation (ft-datum)
B-1	44	4.5	39.5	3.5	40.5
B-2	44	5	39	4	40
B-3	43.5	3.5	40	2.5	41
B-4	44.5	4.5	40	3.5	41
B-5	45	5.5	39.5	4.5	40.5
B-6	45.5	5	40.5	4	41.5
B-7	42.5	4	38.5	3	39.5
B-8	43	4.5	38.5	3.5	39.5
B-9	45	5.5	39.5	5	40
B-10	45.5	5.5	40	5	40.5
B-11	45	5.5	39.5	4.5	40.5
B-12	44	5.5	38.5	4.5	39.5
B-13	44.5	4	40.5	3	41.5
B-14	45	5	40	4	41
B-15	45	5	40	4	41
B-16	45	5	40	4	41
B-17	43.5	4.5	39	3.5	39.5
B-18	44.5	4.5	40	4	40.5
B-19	45	4	41	3.5	41.5

Note: * Elevations at the boring locations were estimated using the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc.

4.0 LABORATORY TESTING PROGRAM

The laboratory testing performed by ECS for this project consisted of selected tests performed on samples obtained during our field exploration operations. The following paragraphs briefly discuss the results of the completed laboratory testing program.

4.1 VISUAL CLASSIFICATION

Each soil sample from the test borings was visually classified on the basis of texture and plasticity in accordance with the Unified Soil Classification System (USCS) and ASTM D 2488 (Description and Identification of Soils-Visual/Manual Procedures). After classification, the various soil types were grouped into the major zones noted on the boring logs in Appendix B. The group symbols for each soil type are indicated in parentheses following the soil descriptions on the boring logs. The stratification lines designating the interfaces between earth materials on the boring logs are approximate; in situ, the transitions may be gradual.

The soil samples from our current exploration will be retained in our laboratory for a period of two months after the subsurface exploration program is completed, after which they will be discarded unless other instructions are received as to their disposition.

4.2 INDEX TESTING

The index testing performed by ECS for this project consisted of selected tests performed on samples obtained during our field exploration operations. Index property tests were performed on representative soil samples obtained from the test borings in order to aid in classifying soils according to the Unified Soil Classification System (USCS) and to quantify and correlate engineering properties. The index testing program included natural moisture content tests (ASTM D 2216) and percent passing the No. 200 sieve (ASTM D 6913). The results of the index testing results conducted are included in Appendix C of this report.

5.0 PRELIMINARY DESIGN RECOMMENDATIONS

The following sections provide preliminary recommendations for foundation design, pavements and the stormwater management facilities. Loose soils and shallow groundwater condition are likely to be encountered near-surface. The existing building, associated asphalt pavement and utilities within the eastern portion of the property will need to be removed prior to proposed development. Based on our subsurface exploration, the proposed site is feasible given the preliminary recommendations provided within this report. Details associated with the preliminary geotechnical recommendations are provided below.

5.1 BUILDING DESIGN

Based upon information provided at the time this report was prepared, the site is feasible for the proposed development from a geotechnical perspective**.** It is our professional opinion that subsurface conditions are not likely to significantly impact the construction of the proposed development. However, a temporary dewatering program during the installation of the foundations may be necessary based upon the final grades especially during the rainy season given the shallow estimated seasonal high groundwater level.

As previously noted, the site appears to consist of an existing structure within the eastern portion of the property. Uncontrolled fill soils which could contain construction debris and organics from in-place or placed topsoil grubbing operations, while not encountered during this exploration, may be present within the depths of excavation. Special attention should be taken to observe such conditions, if encountered during the foundation excavations. If uncontrolled fill soils are observed, we recommend test pits be performed within the vicinity of the foundation during a final geotechnical exploration in order to access the potential extents and depths of these materials.

All asphalt pavement, structural and site components (foundation, slabs, and utilities) of the existing facility located within the proposed building pad or canopy areas should be removed prior to construction; however, the existing limerock may remain in place if determined to be suitable based upon the design criteria, laboratory testing and satisfactory proofroll testing as determined by the Geotechnical Engineer of Record.

5.2 FOUNDATIONS

We anticipate that the proposed structures for this site can be supported on a shallow foundations after adequate site preparation procedures. Upon successful completion of the recommended site preparation procedure, the anticipated structures would be able to be supported on shallow foundations sized to exert a maximum allowable soil bearing pressure of 3,000 pounds per square foot (psf).

The estimate of maximum allowable bearing pressure is based on assumed column and wall foundation loads of 80 kips and 5 kips per linear foot, respectively bearing at an elevation of approximately EL. +42 feet-datum on natural or controlled, compacted fill soils. If loads are higher than assumed, ECS should be contacted to review the foundation recommendations. Based on the Conceptual Sketch dated October 30, 2018 prepared by Kimley-Horn and existing site grades, we assumed the final finished floor elevation of the proposed structure to be approximately at EL. +44 feet-datum. The estimate of allowable bearing pressure may be refined based on more

precise estimates of loads (provided by the structural engineer) and proposed site grades. The foundations should be designed based on the maximum load which could be imposed by all loading conditions.

All shallow foundations should be embedded at least 18 inches below lowest adjacent grade. Further, we recommend minimum foundation widths of 18 and 24 inches of strip and square footings, respectively, even though the maximum allowable soil bearing pressure may not be developed in all cases.

Post-construction settlements of the structure will be influenced by several interrelated factors, including: (1) strength and compressibility characteristics of the subsurface; (2) footing size, bearing level, applied loads, and resulting bearing pressures beneath the foundations; and (3) site preparation and earthwork construction techniques used by the contractor. Our settlement estimates for the structure are based on the use of the earthwork construction techniques as recommended in Section 6.2 of this report. Any deviation from these recommendations could result in an increase in the estimated post-construction settlements of the structure.

Assuming the site preparation procedure as outlined is followed; we estimate that total post construction settlements of the structure are likely to be 1 inch or less. If the recommended earthwork construction techniques outlined in this report are followed, differential settlements of 0.75 inch or less should be anticipated. The above settlement estimates are based on the assumed maximum structural loads, recommended maximum allowable bearing pressure, and the field data.

5.3 STORMWATER MANAGEMENT SYSTEM DESIGN PARAMETERS

It is our understanding that the proposed development is likely to include a proposed three (3) stormwater dry retention pond areas within the southern portion of the proposed development and seven (7) exfiltration systems within the northern portion of the site. Based on the laboratory test results obtained from the borings performed around the underground exfiltration systems areas (B-2 through B-6, B-8, B-9, B-11, B-12, B-14 and B-16), two (2) dry pond areas (B-1, B-7, and B-13) and wet pond area (B-18 and B-19), the upper stratum is classified predominantly as Fine SAND (SP) and Fine SAND with SILT (SP-SM) to the maximum termination of depth of borings (20 feet below existing grades).

The groundwater table was encountered between approximately 4 feet to 5.5 feet below the existing grades at the boring locations within the drilling depths at the time of our exploration, and therefore the seasonal high groundwater level is estimated to between approximately between 3 feet to 5 feet below existing grades.

Table 5.3.1 outlines the recommended design parameters for the proposed stormwater dry pond area within the southern portion of the property.

Table 5.3.1 Dry Stormwater System Design Subsurface Input Design Parameters

Stormwater System ID	Boring ID	Average Seasonal High Ground Water Table Elevation (ft-datum)*	Average Base of Aquifer Elevation (ft-datum) *	Fillable Porosity	Average Horizontal Saturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kh (ft/day)	Average Vertical Unsaturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kv (ft/day)
SMA-A.1	B-1 & B-7	40.0	34.0	0.25	51**	17**
SMA-A.2	B-13	41.5	35.0	0.25		
SMA-C	B-8, B-11, B-14, B-16	40.5	32.6	0.25	51**	17**
SMA-D	B-9 & B-12	39.8	29.5	0.25	51**	17**
SMA-E	B-6 & B-9	40.8	29.2	0.25	51**	17**
SMA-F	B-3	41	22.5	0.25	51**	17**
SMA-G	B-2, B-3, B-5, B-6 & B-8	40.5	27.9	0.25	55	37
					51**	17**

Notes: : * Elevations at the boring locations were estimated using the available Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc., and therefore these elevations should be considered approximate to the closest half foot.

** Average Horizontal Saturated Hydraulic Conductivity of Mobilized Surficial Aquifer (K_h) and Average Vertical Unsaturated Hydraulic Conductivity of Mobilized Surficial Aquifer (K_v) factored values selected by Kimley Horn for recovery analysis..

Table 5.5.1 Stormwater System Design Parameters

Stormwater System ID	Boring ID	Average Seasonal High Ground Water Table Elevation (ft-datum)*	Average Wet Season Groundwater Table Elevation (ft-datum) *	Average Normal Seasonal Low Ground Water Table Elevation (ft-datum) *	Average Horizontal Saturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kh (ft/day)	Average Vertical Unsaturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kv (ft/day)
SMA-B	B-18 & B-19	41.0	40.5	39.5	51	34

Notes: : * Elevations at the boring locations were estimated using the available Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc., and therefore these elevations should be considered approximate to the closest half foot.

Please note that the hydraulic conductivity values presented in table above do not incorporate any factors of safety, except as otherwise noted. Appropriate factors of safety will have to be applied during design and drawdown analysis. Moreover, please note that parameters presented in the table above are based on assumptions made to ground surface elevations noted on our boring logs are approximately based on the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc. our surface elevations with one-foot contour intervals; therefore, should be considered approximate to the closest half foot. We recommend that boring location survey be performed by a professional surveyor to extend the usefulness of the subsurface information obtained.

ECS can perform a baseflow/groundwater seepage analysis once the stormwater pond configurations have been established. The stormwater pond bottom and side slopes should be stabilized according to applicable Water Management district and local municipality guidelines.

5.4 PAVEMENT DESIGN CONSIDERATIONS

As discussed in the aforementioned Design Considerations Section 5.0, the subsurface conditions are suitable for the proposed pavement design.

General Recommendations: Our scope of services did not include extensive sampling and Limerock Bearing Ratio (LBR) testing of existing subgrade or potential sources of imported fill for the specific purpose of a detailed pavement analysis. Instead, we have assumed pavement-related design parameters that are considered to be typical for the area soil types and roadway type as per the "FDOT Standards & Specifications". The recommended pavement thicknesses presented in this report section are considered typical and minimum for the assumed parameters in the general site area. We understand that budgetary considerations sometimes warrant thinner pavement sections than those presented. However, the client, the owner, and the project designers should be aware that thinner pavement sections may result in increased maintenance costs and lower than anticipated pavement life. We recommend the following pavement section designs included in Table 5.6.1 below.

Table 5.4.1 Pavement Sections

	Asphalt		Concrete	
Component	**Standard**	**Heavy**	**Standard**	**Heavy**
Stabilized Subgrade	12"	12"	12"	12"
Base Course	6"	8"	N/A	N/A
Surface Course	1.5"	2"	5"	6"

All pavement subgrades should be prepared in accordance with the recommendations presented in the section entitled Earthwork Operations.

In areas where Portland cement concrete pavement is planned, the concrete should be placed upon a minimum of 12 inches of compacted, free draining material and compacted to 98 percent of the Modified Proctor maximum dry density (ASTM D1557).

In areas where asphaltic concrete pavements are used, we suggest stabilizing the subgrade materials to a minimum Florida Bearing Value (FBV) of 75 pounds per square inch (psi). As an alternate for the FBV, materials can have a LBR of 40 percent. All stabilized subgrade materials should be compacted to 98 percent of the Modified Proctor (ASTM D-1557) maximum dry density and meet specification requirements for Type B or Type C Stabilized Subgrade by the Florida Department of Transportation (FDOT). The stabilized subgrade may consist of imported material or a blend of on-site soils and imported materials. If a blend is proposed, we recommend that the contractor performs a mix design to find the optimum mix proportions.

Base Course: Based on the groundwater conditions encountered at the subject property, it is our professional opinion that crushed concrete or limerock are likely to be the economical and feasible base course options for this project.

Limerock should follow a minimum LBR of 100 percent and should be mined from an FDOT approved source. Place limerock in maximum six-inch lifts and compact each lift to a minimum density of 95 percent of the Modified Proctor maximum dry density (ASTM D-1557).

Crushed concrete should follow the FDOT specification for material qualifications and placement. Place crushed concrete base in maximum 6-inch lifts and compact to a minimum density of 95 percent of the Modified Proctor (ASTM D-1557) maximum dry density according to their specification. Perform compliance testing for the base course to a depth of one foot at a frequency of one test per 5,000 square feet, or at a minimum of two test locations, whichever is greater.

Effects of Groundwater: One of the most critical influences on the pavement performance in Central Florida is the relationship between the pavement subgrade and the seasonal high groundwater level. Roadways and parking areas that have not considered these effects typically exhibit signs of deterioration due to degradation of the base and the base/surface course bond. Regardless of the type of base selected, we recommend that the seasonal high groundwater (SHGWT) and the bottom of the base course be separated by at least 12 inches for crushed concrete and 18 inches for limerock. Please note that a higher separation criterion between SHGWT and bottom of the base course may be required based on reviewing agency indication.

Landscape Drains and Curbing: If needed, where landscaped sections are located adjacent to parking lots or driveways, we recommend that drains be installed around these landscaped sections to protect the asphalt pavement from excess rainfall and over irrigation. Migration of irrigation water from the landscape areas to the interface between the asphalt and the base usually occurs unless landscape drains are installed. This migration often causes separation of the wearing surface from the base and subsequent rippling and pavement deterioration. The underdrains or strip drains should be routed to a positive outfall at the pavement area catch basins.

It is recommended that curbing around landscaped sections adjacent to parking lots and driveways be constructed with full-depth curb sections. Using extended curb sections which lie directly on top of the final asphalt level, or eliminating curbing entirely, can allow migration of irrigation water from the landscaped areas to the interface between the asphalt and the base. This migration often causes separation of the wearing surface from the base and subsequent rippling and pavement deterioration.

6.0 SITE CONSTRUCTION RECOMMENDATIONS

6.1 SUBGRADE PREPARATION

6.1.1 Stripping and Subgrade Preparation

The subgrade preparation should consist of stripping vegetation, rootmat, topsoil, any existing fill materials and any other soft or unsuitable materials from the 10-feet expanded building limit and 5-feet expanded pavement limits. Stripping limits should be extended an additional 1 foot for each foot of fill required at the structure's exterior edge. These activities should include removing soft and/or wet soils or otherwise unsuitable surface materials.

It should be anticipated that existing subgrade materials from the site will be loose and wet. A contingency should be included in the budget for isolated undercutting during proofroll operations. In the building areas, the depth of the soft wet soil, if encountered, should be removed to stable soil and replaced with approved structural fill. If the depth of unsuitable material is identified to be deeper than 3 feet below design subgrade in foundation or pavement areas, then alternative pavement subgrade stabilization may be considered. This could consist of excavating down a maximum of 3 feet below the pavement subgrade elevation, placing geogrid (such as Mirafi BXG-11 or approved equivalent), and then placing granular material over the grid to the design subgrade elevation. The actual depth of the undercut and/or remedial approach will vary depending on the conditions and should be evaluated at the time of construction.

The contractor should have a dewatering plan prepared in order to control high groundwater conditions observed on site. The amount and frequency of precipitation may also affect the groundwater conditions. The contractor should make provisions to keep excavations dry during construction to maintain the integrity of the exposed soils and help reduce the potential for otherwise unnecessary remedial work.

Erosion and sedimentation shall be controlled in accordance with Best Management Practices and current state, local, and NPDES requirements. At the appropriate time, we would be pleased to provide a proposal for construction materials testing and NPDES related services.

6.1.2 Proofrolling

Following the stripping operations and prior to the placement of structural fills or structural elements, the exposed subgrade soils should be observed by a geotechnical engineer or their approved representative. Proofrolling using a loaded dump truck, having an axle weight of at least 10 tons, may be used at this time to aid in identifying localized soft or unsuitable materials that should be removed. Any soft or unsuitable material encountered during proofrolling should be removed to a stable subgrade and replaced with an approved backfill compacted to the criteria given below.

Due to the loose soils encountered within this exploration a representative of the Geotechnical Engineer of Record is recommended to be on-site during the proofroll of the building pad areas to confirm the suitability of the natural soils prior to the placement of structural fill or foundations. The natural soils within the building pad areas should be densified with a 20 ton smooth drum roller that should traverse the pads in a perpendicular (orthogonal) pattern using

the maximum vibratory setting prior to commencing proofroll operations and subsequent structural fill placement.

6.2 EARTHWORK OPERATIONS

6.2.1 Structural Fill Materials

After subgrade preparation and observation has been completed and a stable subgrade exists, fill placement may begin. Structural fill materials should not be placed on soils which have been recently subjected to precipitation. Wet soils should be removed prior to the placement of engineered fill, granular sub-base materials, foundation/slab concrete, or paving materials.

Materials used as structural fill for shallow fill areas should consist of approved material classified as SP, SP-SM, SM, SC or more granular, which are free of debris, particles larger than 3 inches in diameter (4-inches for trench/utility backfill), organic inclusions, cinders, ash, or excess moisture. **It should be noted that the soils observed within the proposed dry pond area would be considered suitable for use as structural fill; however, due to the nature of the high groundwater table there should be consideration with respect to a time allowance for these soils to dry prior to compactive effort being applied. Due to the coarse, granular nature of the soils, we would expect the soils to dry relatively quickly during periods of no precipitation.**

Prior to placement of structural fill, representative bulk samples (about 50 pounds) of on-site and off-site borrow should be submitted to ECS for laboratory testing, which will include natural moisture content, grain-size distribution, and moisture-density relationships for compaction. Import materials should be tested prior to being hauled to the site to determine if they meet project specifications.

The structural fill, consisting of suitable on-site soils or off-site granular borrow material, or a mixture thereof, should be placed in essentially horizontal lifts with a maximum loose thickness of 8 inches and moisture conditioned to within $\pm$3 percentage points of the optimum moisture content. Structural fill should be placed and compacted to a minimum compaction of 95% of the maximum dry density in accordance with the Modified Proctor method (ASTM D1557).

Each lift of compacted engineered fill should be tested by a representative of the geotechnical engineer prior to placement of subsequent lifts. Compaction testing should be performed at the rate of at least 1 test per 2,500 square feet for each lift of fill within the building pad and at the rate of at least 1 test per 5,000 square feet for each lift of fill outside of the building pad, with a minimum of 3 tests per lift of fill within the building footprint. The elevation and location of the tests should be accurately identified at the time of fill placement. Areas which fail to achieve the required degree of compaction should be recompacted and retested until minimum compaction is achieved. Failing test areas may require adjustments in moisture content or other suitable remedial activities in order to achieve the required compaction.

The expanded limits of the proposed construction areas should be well defined, including the limits of the fill zones for buildings, pavements, and slopes, etc., at the time of fill placement. Grade controls should be maintained throughout the filling operations.

Compaction equipment suitable to the soil type being compacted should be used to compact the subgrades and fill materials. Sheepsfoot compaction equipment should be suitable for the fine-

grained soils (Clays and Silts). A vibratory steel drum roller should be used for compaction of coarse-grained soils (Sands) as well as for sealing compacted surfaces. In confined areas such as utility trenches, portable compaction equipment and thin lifts of 3 to 4 inches may be required to achieve specified degrees of compaction.

At the end of each work day, all fill areas should be graded to facilitate drainage of any precipitation and the surface should be sealed by use of a smooth-drum roller to limit infiltration of surface water. During placement and compaction of new fill at the beginning of each workday, the contractor may need to scarify existing subgrades to a depth on the order of 4 inches so that a weak plane will not be formed between the new fill and the existing subgrade soils.

Positive site drainage should be maintained during earthwork operations in an effort to maintain the integrity of the site surface soil. When wet, the site soils may degrade quickly with disturbance from contractor operations and will be extremely difficult to stabilize for fill placement. Consequently, the contractor should be prepared to implement aggressive mechanical or chemical drying, depending upon the actual site conditions. We strongly recommend that mass grading for the project be performed during the drier summer months to help facilitate favorable moisture conditions for the site soils. If water must be added to raise the moisture content of the soil, it should be uniformly applied and thoroughly mixed into the soil. In addition to maintaining proper site drainage for the purpose of maintaining the integrity of the site soils, care must be taken to control the surface water flow due to the inherent risks associated with risk for sinkhole development as previously discussed.

6.3 UTILITY INSTALLATIONS

Utility Subgrades and Excavation: The soils encountered in our exploration are expected to be generally suitable for support of utility pipes to include an underground storage tank (UST). The pipe subgrade, especially where existing fill was encountered, should be observed and probed for stability by the testing agency to evaluate the suitability of the materials encountered. Any loose or unsuitable materials encountered at the utility pipe subgrade elevation should be removed and replaced with suitable compacted structural fill or pipe bedding material. Based upon the type of soils and high groundwater table encountered on site, the contractor will need to consider installing trench boxes during deep utility and UST excavations.

Utility Backfilling: The granular bedding material should be at least 4 inches thick, but not less than that specified by the project drawings and specifications. Fill placed for support of the utilities, as well as backfill over the utilities, should satisfy the requirements for structural fill given in this report. Compacted backfill should be free of topsoil, roots, ice, or any other material designated as unsuitable. The backfill should be moisture conditioned, placed, and compacted in accordance with the recommendations of this report. Where the utility and UST will be located below water, the contractor should be aware of potential buoyancy and tie down the pipes or UST structure. In addition, soil backfill will not be able to be compacted. In this case, backfill can consist of FDOT 57 stone to approximately 1 foot over the water level, a fabric separator placed, followed by compacted fill to design subgrade.

Utility Excavation Dewatering: Groundwater will likely be encountered for UST and utility excavations. Depending on the amount of controlled fill and the depth of the utility, pumping from the excavations may not be enough for the installation of the utility and UST. Well points

would need to be considered if localized dewatering equipment such as sump pumps are unable to control water during the installation of the utilities and UST. It is expected that removal of perched water which seeps into excavations could be accomplished by pumping from sumps excavated in the trench bottom and which are backfilled with FDOT Size No. 57 Stone or open graded bedding material. Should water conditions beyond the capability of sump pumping be encountered, the contractor should submit a Dewatering Plan in accordance with project specifications.

6.4 GENERAL CONSTRUCTION CONSIDERATIONS

Site Drainage and Surface Water Control: Adequate temporary and permanent control of surface water runoff will be required in order to allow site access, grading and construction to proceed. Standing water or ice should be removed from the completed building pad and pavement subgrades as soon as practical after each precipitation event without damaging the subgrade throughout the construction period. This may include the use of temporary under-drains, sump pits and pumps, plowing, or other means. In addition, the building pad and pavement subgrades should be maintained on a regular basis to grade out any ruts or low points where water may accumulate, and to aerate and/or re-compact any areas disturbed by weather or construction activities. The responsibility for this maintenance role should be clearly defined in the contract documents.

Subgrade Protection: Measures should also be taken to limit site disturbance, especially from rubber-tired heavy construction equipment, and to control and remove surface water from development areas, including structural and pavement areas. It would be advisable to designate a haul road and construction staging area to limit the areas of disturbance and to prevent construction traffic from excessively degrading sensitive subgrade soils and existing pavement areas. Haul roads and construction staging areas could be covered with excess depths of aggregate to protect those subgrades. The aggregate can later be removed and used in pavement areas.

Excavation Safety: Cuts or excavations associated with utility excavations may require forming or bracing, slope flattening, or other physical measures to control sloughing and/or prevent slope failures. Contractors should be familiar with applicable OSHA codes to ensure that adequate protection of the excavations and trench walls is provided.

Erosion Control: Install soil erosion and sedimentation control devices, as well as temporary stormwater management facilities, as specified by Site/Civil Engineer. Maintain positive drainage conditions throughout construction, avoiding unnecessary ponding of stormwater in excavations or low areas of the site. Seal-roll exposed soil or subgrade surfaces prior to rain events, and promptly remove any standing water immediately afterwards.

6.5 CONSTRUCTION OBSERVATION AND TESTING

Regardless of the thoroughness of a geotechnical engineering study, there is always a possibility that subsurface conditions between test borings may be different from those encountered at the test boring locations, that conditions are not as anticipated by the designers, or that the demolition or construction process has altered the subsurface conditions. Therefore, geotechnical engineering construction observation should be performed under the supervision of a qualified

Geotechnical Engineer who is familiar with the intent of the recommendations presented in this report. Such observation services are recommended to evaluate whether the conditions anticipated in the design actually exist, or whether the recommendations presented in the report should be modified where necessary.

7.0 CLOSING

The report has been prepared for the exclusive use of Equinox Development Properties Inc., and their design team. ECS has prepared this report of findings, evaluations, and recommendations to guide geotechnical-related design and construction aspects of the project.

The description of the proposed project is based on information provided to ECS by Equinox Development Properties Inc. If any of this information is inaccurate, either due to our interpretation of the documents provided or site or design changes that may occur later, ECS should be contacted immediately in order that we can review the report in light of the changes and provide additional or alternate recommendations as may be required to reflect the proposed construction.

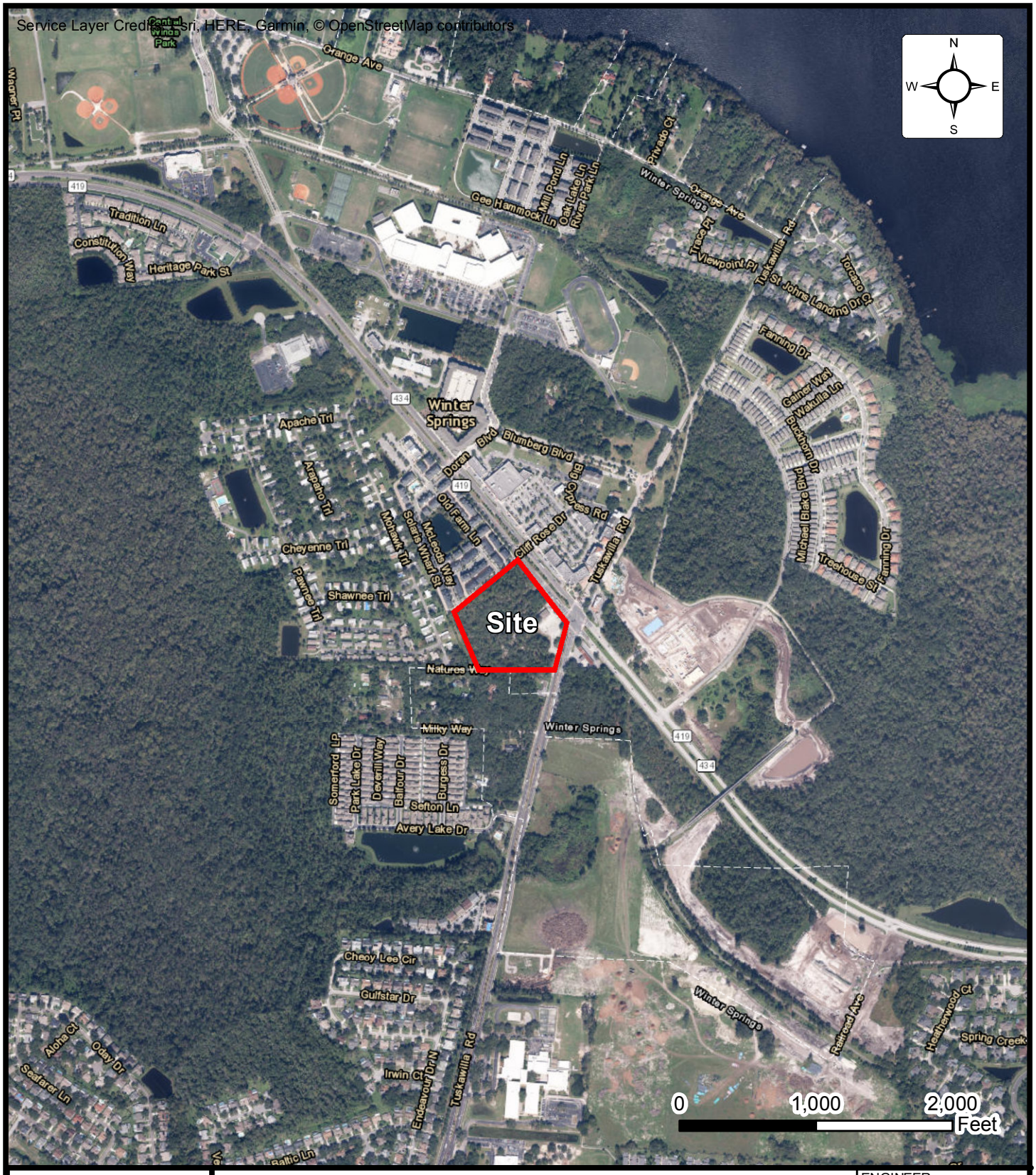
We recommend that ECS be allowed to review the project's plans and specifications pertaining to our work so that we may ascertain consistency of those plans/specifications with the intent of the geotechnical report.

Field observations, monitoring, and quality assurance testing during earthwork and foundation installation are an extension of and integral to the geotechnical design recommendation. We recommend that the owner retain these quality assurance services and that ECS be allowed to continue our involvement throughout these critical phases of construction to provide general consultation as issues arise. ECS is not responsible for the conclusions, opinions, or recommendations of others based on the data in this report.

The scope of this investigation was limited to the evaluation of the load-carrying capabilities and load stability of the soils and bedrock. Oil, hazardous waste, radioactivity, irritants, pollutants, radon or other dangerous substances and conditions were not the subject of this study. Their presence and/or absence are not implied, inferred or suggested by this report or results of this study.

APPENDIX A – Diagrams

Site Location Diagram
Boring Location Diagram



Site Line Location Diagram
TUSKAWILLA RETAIL DEVELOPMENT

170 TUSKAWILLA ROAD, WINTER SPRINGS, FL

EQUINOX DEVELOPMENT PROPERTIES, INC.

ENGINEER	JPH
SCALE	1 " = 1000 '
PROJECT NO.	6366
SHEET	1 OF 1
DATE	11/8/2018



Boring Location Diagram

EQUINOX DEVELOPMENT PROPERTIES, INC.

TUSKAWILLA RETAIL DEVELOPMENT

170 TUSKAWILLA RD, WINTER SPRINGS, FL

ENGINEER	JPH
SCALE	AS NOTED
PROJECT NO.	24:6366
SHEET	1 OF 1
DATE	12/11/2020

APPENDIX B – Field Operations

Reference Notes for Boring Logs
Boring Logs (B-1 through B-19)
Cross Section A-A'
Cross Section B-B'
Cross Section C-C'

REFERENCE NOTES FOR BORING LOGS

MATERIAL[1,2]	
	ASPHALT
	CONCRETE
	GRAVEL
	TOPSOIL
	VOID
	BRICK
	AGGREGATE BASE COURSE
	FILL[3] MAN-PLACED SOILS
GW	**WELL-GRADED GRAVEL** gravel-sand mixtures, little or no fines
GP	**POORLY-GRADED GRAVEL** gravel-sand mixtures, little or no fines
GM	**SILTY GRAVEL** gravel-sand-silt mixtures
GC	**CLAYEY GRAVEL** gravel-sand-clay mixtures
SW	**WELL-GRADED SAND** gravelly sand, little or no fines
SP	**POORLY-GRADED SAND** gravelly sand, little or no fines
SM	**SILTY SAND** sand-silt mixtures
SC	**CLAYEY SAND** sand-clay mixtures
ML	**SILT** non-plastic to medium plasticity
MH	**ELASTIC SILT** high plasticity
CL	**LEAN CLAY** low to medium plasticity
CH	**FAT CLAY** high plasticity
OL	**ORGANIC SILT or CLAY** non-plastic to low plasticity
OH	**ORGANIC SILT or CLAY** high plasticity
PT	**PEAT** highly organic soils

DRILLING SAMPLING SYMBOLS & ABBREVIATIONS			
SS	Split Spoon Sampler	PM	Pressuremeter Test
ST	Shelby Tube Sampler	RD	Rock Bit Drilling
WS	Wash Sample	RC	Rock Core, NX, BX, AX
BS	Bulk Sample of Cuttings	REC	Rock Sample Recovery %
PA	Power Auger (no sample)	RQD	Rock Quality Designation %
HSA	Hollow Stem Auger		

PARTICLE SIZE IDENTIFICATION		
DESIGNATION		**PARTICLE SIZES**
Boulders		12 inches (300 mm) or larger
Cobbles		3 inches to 12 inches (75 mm to 300 mm)
Gravel:	Coarse	¾ inch to 3 inches (19 mm to 75 mm)
	Fine	4.75 mm to 19 mm (No. 4 sieve to ¾ inch)
Sand:	Coarse	2.00 mm to 4.75 mm (No. 10 to No. 4 sieve)
	Medium	0.425 mm to 2.00 mm (No. 40 to No. 10 sieve)
	Fine	0.074 mm to 0.425 mm (No. 200 to No. 40 sieve)
Silt & Clay ("Fines")		<0.074 mm (smaller than a No. 200 sieve)

COHESIVE SILTS & CLAYS		
UNCONFINED COMPRESSIVE STRENGTH, Q_P[4]	**SPT[5] (BPF)**	**CONSISTENCY[7] (COHESIVE)**
<0.25	<3	Very Soft
0.25 - <0.50	3 - 4	Soft
0.50 - <1.00	5 - 8	Firm
1.00 - <2.00	9 - 15	Stiff
2.00 - <4.00	16 - 30	Very Stiff
4.00 - 8.00	31 - 50	Hard
>8.00	>50	Very Hard

GRAVELS, SANDS & NON-COHESIVE SILTS	
SPT[5]	**DENSITY**
<5	Very Loose
5 - 10	Loose
11 - 30	Medium Dense
31 - 50	Dense
>50	Very Dense

RELATIVE AMOUNT[7]	COARSE GRAINED (%)[8]	FINE GRAINED (%)[8]
Trace	≤5	≤5
Dual Symbol *(ex: SW-SM)*	10	10
With	15 - 20	15 - 25
Adjective *(ex: "Silty")*	≥25	≥30

WATER LEVELS[6]		
	WL	Water Level (WS)(WD)
		(WS) While Sampling
		(WD) While Drilling
	SHW	Seasonal High WT
	ACR	After Casing Removal
	SWT	Stabilized Water Table
	DCI	Dry Cave-In
	WCI	Wet Cave-In

[1] *Classifications and symbols per ASTM D 2488-09 (Visual-Manual Procedure) unless noted otherwise.*

[2] *To be consistent with general practice, "POORLY GRADED" has been removed from GP, GP-GM, GP-GC, SP, SP-SM, SP-SC soil types on the boring logs.*

[3] *Non-ASTM designations are included in soil descriptions and symbols along with ASTM symbol [Ex: (SM-**FILL**)].*

[4] *Typically estimated via pocket penetrometer or Torvane shear test and expressed in tons per square foot (tsf).*

[5] *Standard Penetration Test (SPT) refers to the number of hammer blows (blow count) of a 140 lb. hammer falling 30 inches on a 2 inch OD split spoon sampler required to drive the sampler 12 inches (ASTM D 1586). "N-value" is another term for "blow count" and is expressed in blows per foot (bpf).*

[6] *The water levels are those levels actually measured in the borehole at the times indicated by the symbol. The measurements are relatively reliable when augering, without adding fluids, in granular soils. In clay and cohesive silts, the determination of water levels may require several days for the water level to stabilize. In such cases, additional methods of measurement are generally employed.*

[7] *Minor deviation from ASTM D 2488-09 Note 16.*

[8] *Percentages are estimated to the nearest 5% per ASTM D 2488-09.*

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CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-4	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			3 2 4 4 4 4 3 4 4 5 4 6 5 6 5 7 9 7 8 7 7
	S-2	SS	24	24			40	
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense			
	S-4	SS	24	24				
	S-5	SS	24	24			35	
10								
	S-6	SS	18	18	(SP) SAND, light gray, wet, medium dense		30	7 7 7
15								
	S-7	SS	18	18			25	6 7 9
20					END OF BORING @ 20'			
							20	
25								
							15	
30								

6 7 10 12 15 14 16

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-9	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

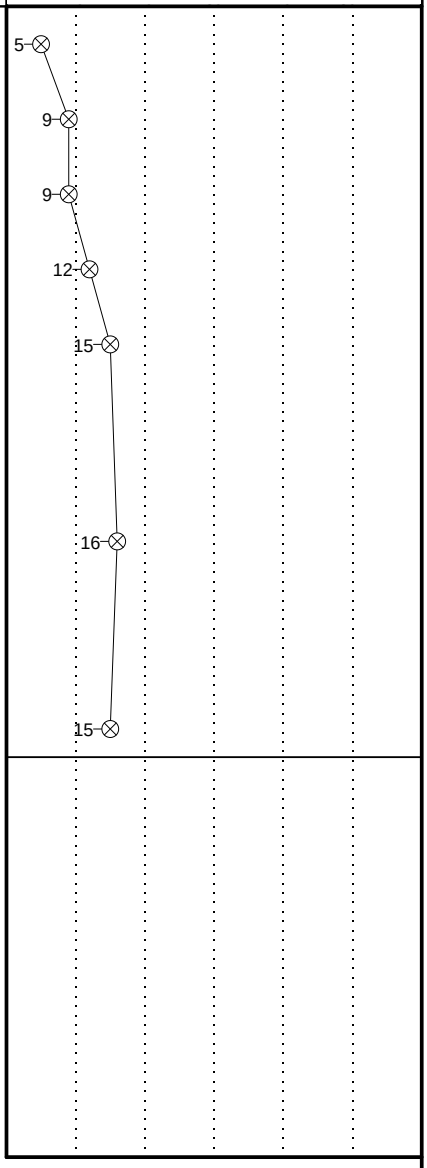
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			2 2 3 5
	S-2	SS	24	24				4 5 4 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense		40	3 5 4 6
	S-4	SS	24	24				6 5 7 7
	S-5	SS	24	24			35	6 8 7 8
10					(SP) SAND, light gray, wet, medium dense			
	S-6	SS	18	18			30	6 7 9
15								
	S-7	SS	18	18			25	8 7 8
20					END OF BORING @ 20'		20	
25							15	
30								



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-15	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 43.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			3 5 4 4
	S-2	SS	24	24			40	4 3 4 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense			4 5 5 4
	S-4	SS	24	24				6 7 8 7
	S-5	SS	24	24			35	7 5 7 8
10								9
	S-6	SS	18	18	(SP) SAND, light gray, wet, medium dense		30	6 7 9
15								
	S-7	SS	18	18			25	8 8 10
20					END OF BORING @ 20'			
25							20	
30							15	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 3.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 2.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-5	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

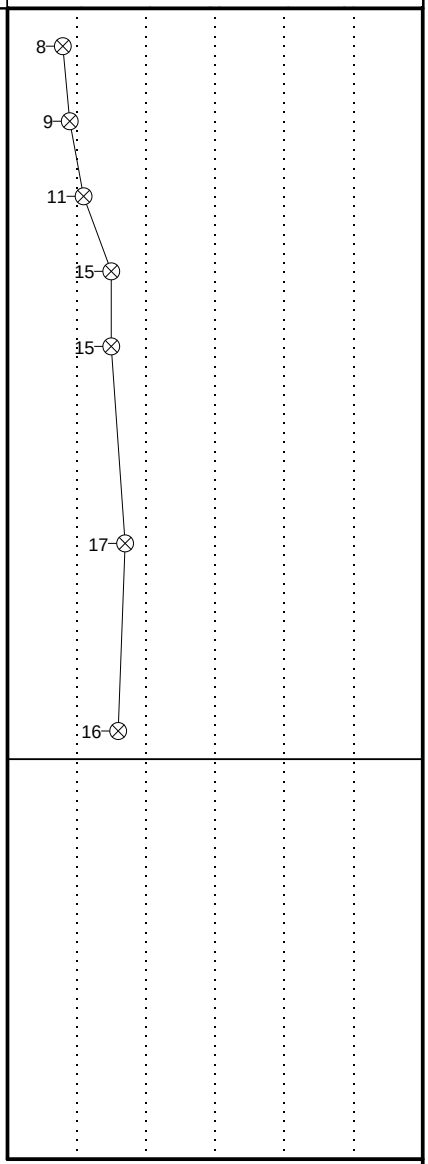
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			4 3 5
	S-2	SS	24	24				4 5 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense		40	4 6 5
	S-4	SS	24	24	(SP) SAND, light gray, wet, medium dense			7 5 8
	S-5	SS	24	24			35	7 7 8 8
10								
	S-6	SS	18	18			30	6 7 10
15								
	S-7	SS	18	18			25	6 8 8
20					END OF BORING @ 20'		20	
25							15	
30								



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-10	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	DESCRIPTION OF MATERIAL
0	S-1	SS	24	24		45	3 4	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose
	S-2	SS	24	24			3 3	
5	S-3	SS	24	24		40	2 4	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense
	S-4	SS	24	24			5 5	
	S-5	SS	24	24			4 5	(SP) SAND, light gray, wet, medium dense
10						35	7 8	
	S-6	SS	18	18			6 7	
15						30	6 7	
	S-7	SS	18	18			8 7	
20						25	6 8	END OF BORING @ 20'
25						20		
30						15		

7 9 12 13 13 14 15

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-14	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

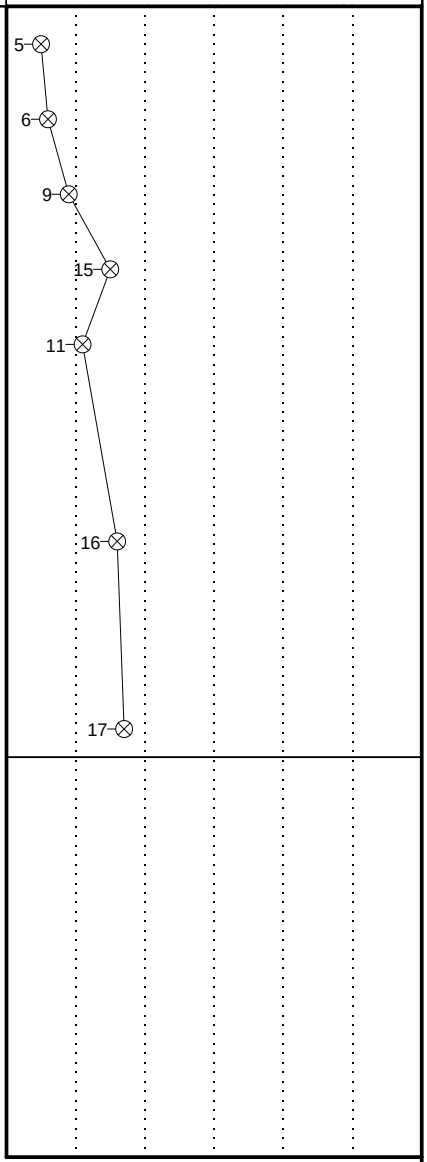
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	3 2 3
	S-2	SS	24	24				3 4 3
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense		40	3 5 4
	S-4	SS	24	24				4 5 7
	S-5	SS	24	24	(SP) SAND, light gray, wet, medium dense		35	6 7 8 7 6 6 5 8
10								
	S-6	SS	18	18			30	7 7 9
15								
	S-7	SS	18	18			25	6 7 10
20					END OF BORING @ 20'			
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-3	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

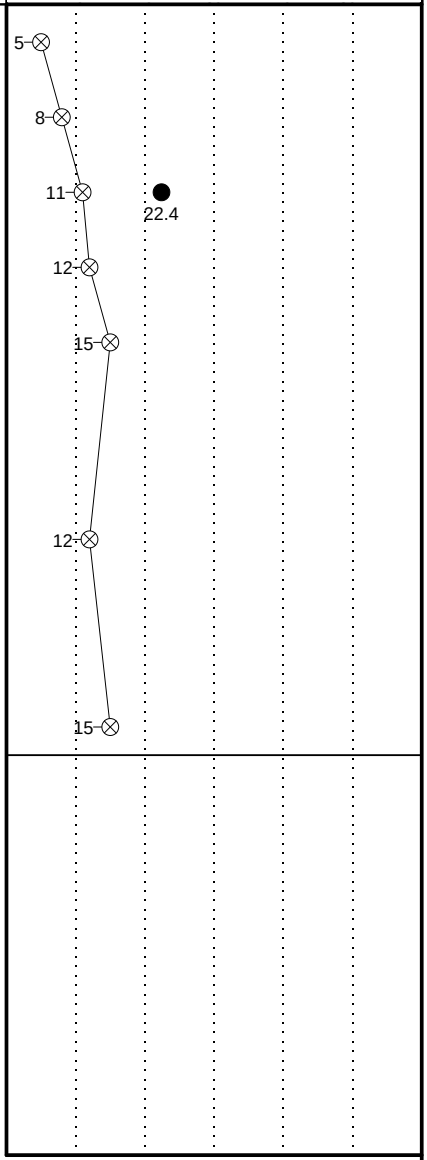
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 42.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			2 3 2 2 2
	S-2	SS	24	24			40	5 4 4 6 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense			6 5 7 6 7
	S-4	SS	24	24			35	5 8 6 8 7
	S-5	SS	24	24				7
10					(SP) SAND, light gray, wet, medium dense		30	
	S-6	SS	18	18				6 5 7
15							25	
	S-7	SS	18	18				5 8 7
20					END OF BORING @ 20'		20	
25							15	
30								



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-2	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

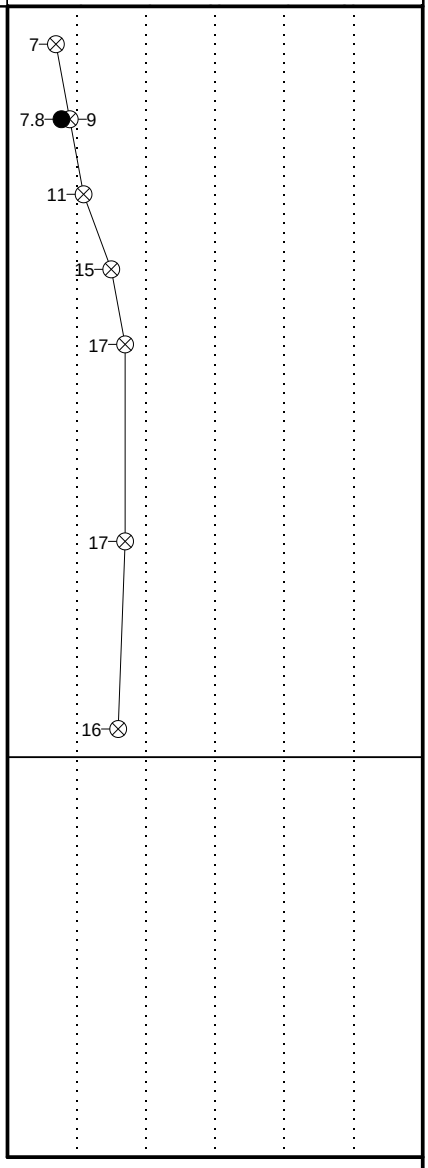
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 43'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, gray to light gray, moist, loose		40	4 3 4 4 4 5 4 5 5 5
	S-2	SS	24	24				
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		35	4 6 5 7 6 8 7 8 9 9 8 7
	S-4	SS	24	24				
	S-5	SS	24	24				
10					(SP) SAND, light gray, wet, medium dense		30	5 8 9
	S-6	SS	18	18				
15							25	7 8 8
	S-7	SS	18	18				
20					END OF BORING @ 20'		20	
25							15	
30								



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-19	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

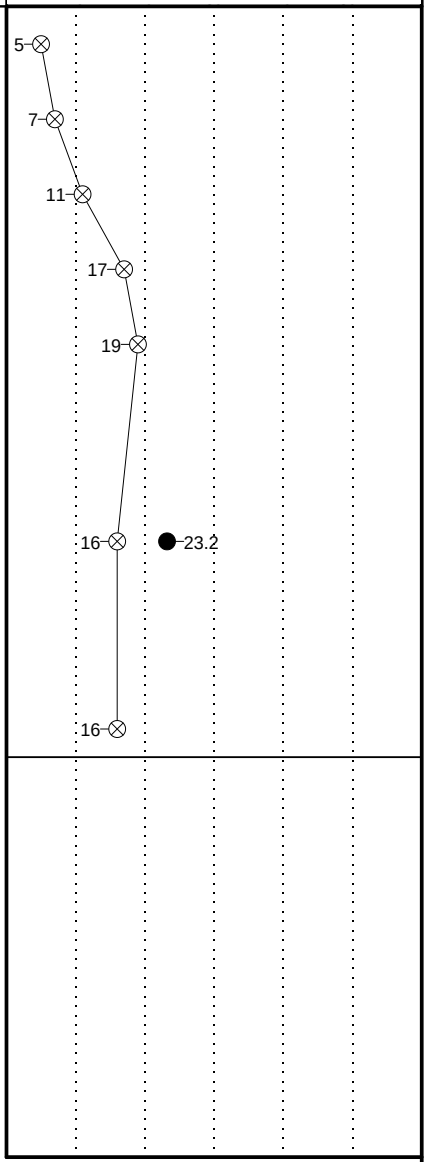
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, gray to light gray, moist, loose		45	3 2 3 3
	S-2	SS	24	24				4 3 4 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		40	4 6 5 7
	S-4	SS	24	24				6 8 9 8
	S-5	SS	24	24				9 9 10 9
10							35	
					(SP) SAND, gray, wet, medium dense			
	S-6	SS	18	18				6 7 9
15							30	
	S-7	SS	18	18				8 8 8
20					END OF BORING @ 20'		25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-18	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	3 4 5
	S-2	SS	24	24				4 4 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense to loose		40	5 5 4 6 5 7 7
	S-4	SS	24	24				8 7 5 6
	S-5	SS	24	24				5 5 4 5
10					(SP) SAND, light gray, wet, medium dense		35	
	S-6	SS	18	18				5 7 10
15							30	
	S-7	SS	18	18				6 6 7
20					END OF BORING @ 20'		25	
25							20	
30							15	

9 10 12 12 23.4 9 17 13

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-12	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

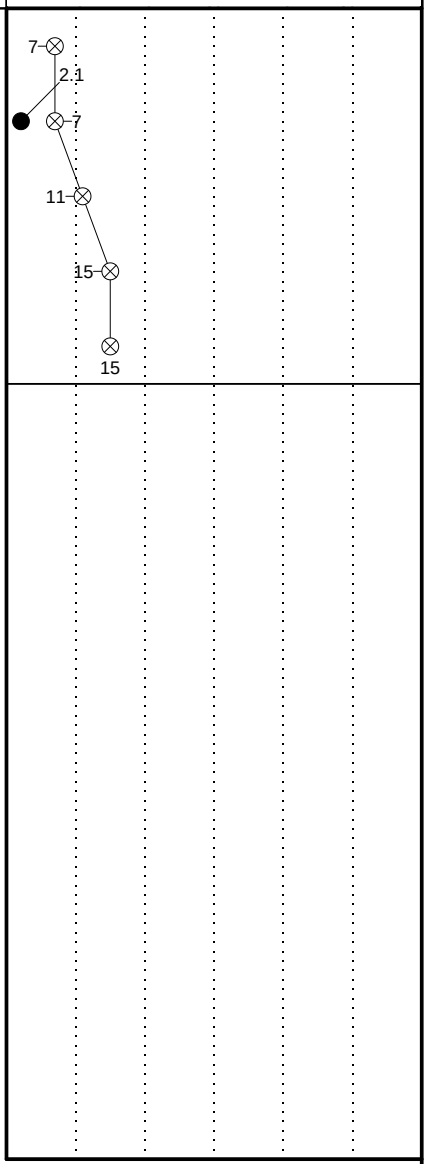
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	4 4 3
	S-2	SS	24	24				5 2 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		40	3 4 4
	S-4	SS	24	24				6 5 7
	S-5	SS	24	24				6 8 7
10					END OF BORING @ 10'		35	9 6 8 7 10
15							30	
20							25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-17	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL (ENGLISH UNITS)	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Asphalt Thickness [2.00"] Limerock Thickness [5.00"] (SP) SAND, brown, moist, loose to medium dense		40	4 4 5 5 4 4 4 6 5 6 5 5 5 5 7 4 4 4 4 5 5 4 4 6
	S-2	SS	24	24				
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, moist to wet, loose			
	S-4	SS	24	24				
	S-5	SS	24	24			35	
10					END OF BORING @ 10'			
15							30	
20							25	
25							20	
30							15	

9 11 10 13.8 8 8

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-6	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION

170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			3 2 4
	S-2	SS	24	24				3 6 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		40	5 5 6
	S-4	SS	24	24				5 7 8
	S-5	SS	24	24	(SP) SAND, light gray, wet, loose		35	7 6 5
10					END OF BORING @ 10'			4 7
15							30	
20							25	
25							20	
30							15	

6 – 10 – 11 – 15 – 9

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-11	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING ▶ | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	4 3 2
	S-2	SS	24	24				3 4 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense		40	4 3 5
	S-4	SS	24	24	(SP) SAND, light gray, wet, medium dense			7 6 7
	S-5	SS	24	24				6 5 7
10					END OF BORING @ 10'		35	7 6 8
15							30	7 8
20							25	
25							20	
30							15	

5 8 13 12 22.1 15

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WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

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Equinox Development Properties, Inc.	24:6366	B-8	1 OF 1

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Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION

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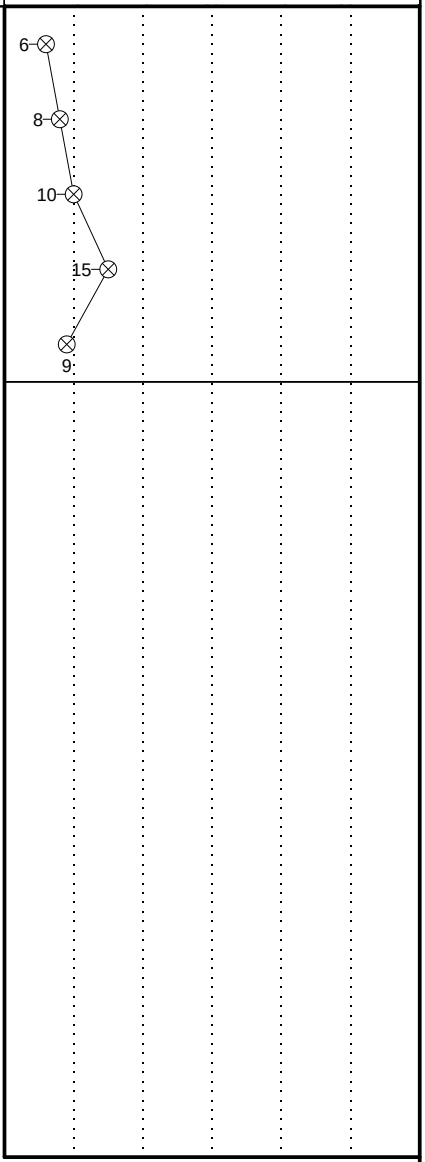
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ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

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5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose		40	5 5 5 4 6
	S-4	SS	24	24	(SP) SAND, light gray, wet, medium dense to loose			8 7 7 5 4
	S-5	SS	24	24				5 7
10					END OF BORING @ 10'		35	
15							30	
20							25	
25							20	
30							15	



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WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-16	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

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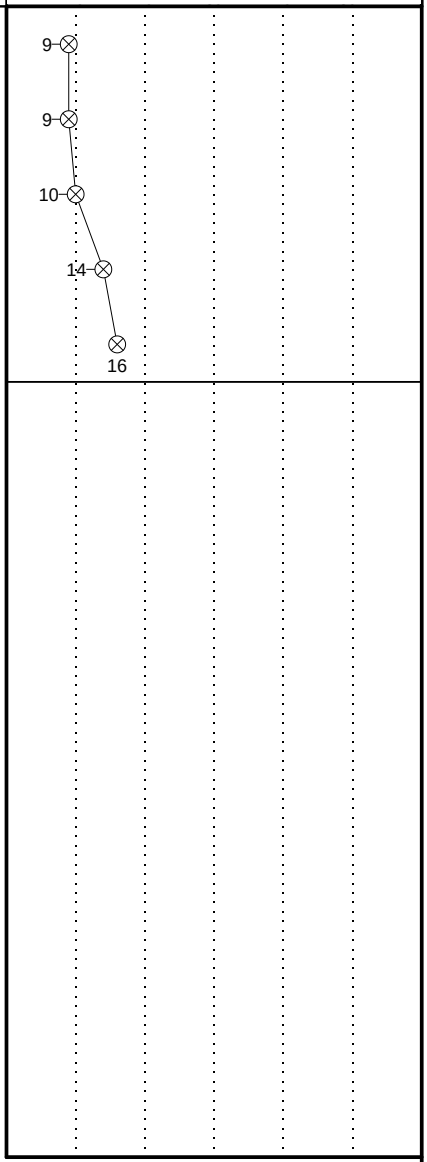
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING ▶ | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
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	S-2	SS	24	24				
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	S-4	SS	24	24				
	S-5	SS	24	24				
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CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-1	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

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RQD% – — – REC%

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STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 43.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			4 3 3 3 4
	S-2	SS	24	24			40	3 2 4 3 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense			4 5 4 5 7
	S-4	SS	24	24				6 7 6 5 7
	S-5	SS	24	24			35	7
10					END OF BORING @ 10'			
15							30	
							25	
20								
							20	
25								
							15	
30								

6 6 9 13 12

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WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-7	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

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WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
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PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

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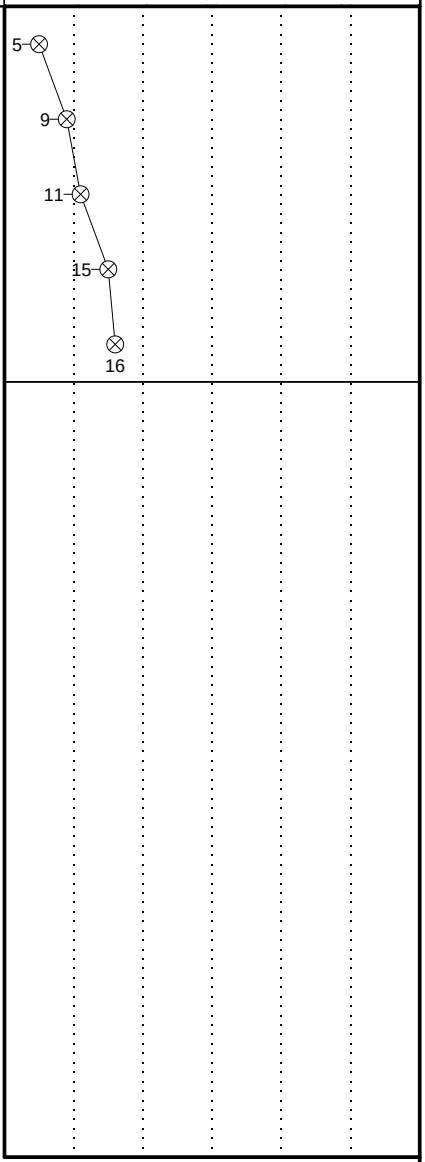
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WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL
GP - POORLY GRADED GRAVEL
GM - SILTY GRAVEL
GC - CLAYEY GRAVEL
SW - WELL GRADED SAND
ML - LOW PLASTICITY SILT
ST - SHELBY TUBE
CL - LOW PLASTICITY CLAY
MH - HIGH PLASTICITY SILT
SM - SILTY SAND
RC - ROCK CORE
SP - POORLY GRADED SAND
SC - CLAYEY SAND
CH - HIGH PLASTICITY CLAY
PM - PRESSURE METER
OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS
OL - LOW PLASTICITY ORGANIC SILTS AND CLAY
PT - PEAT
WR - WEATHERED ROCK
PWR - PARTIALLY WEATHERED ROCK
NOTE: NUMBERS IMMEDIATELY TO THE LEFT OF THE BORING PROFILE ARE SPT-N VALUES.
- FILL
- POSSIBLE FILL
- PROBABLE FILL

SURFACE MATERIALS

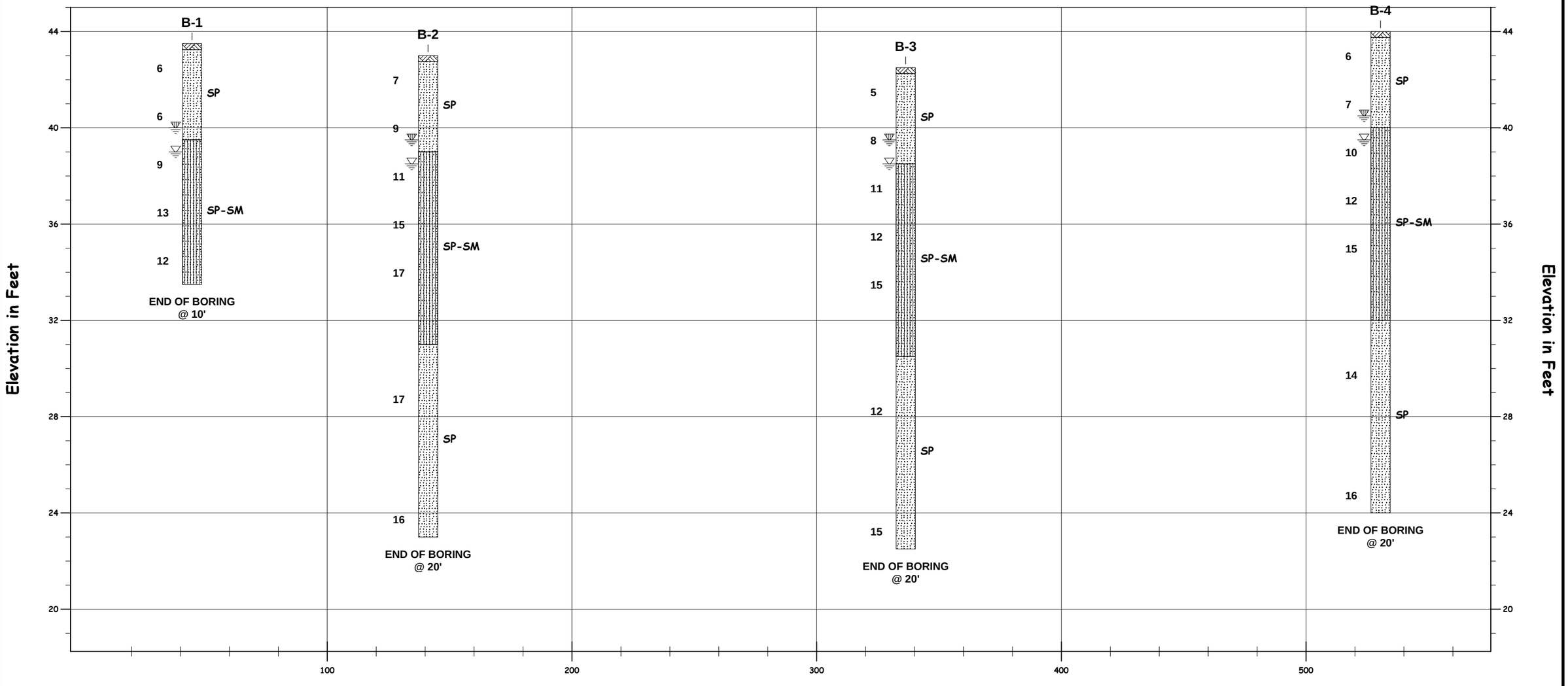
TOPSOIL
ASPHALT
GRAVEL
CONCRETE
VOID

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

WATER LEVEL - DURING DRILLING/SAMPLING
WATER LEVEL - SEASONAL, HIGH WATER
WATER LEVEL - AFTER CASING REMOVAL
WATER LEVEL - AFTER 24 HOURS
PLASTIC LIMIT% WATER CONTENT% % PASSING #200 SIEVE [88%] LIQUID LIMIT%



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).

Subsurface Soil Profile
Cross Section A-A

Tuskawilla Retail Development GEO
Equinox Development Properties, Inc.
170 Tuskawilla Rd, Winter Springs, Seminole County, FL

PROJECT NO.: 6366 | DATE: 11/14/2018 | VERTICAL SCALE: 1"=4'

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL
GP - POORLY GRADED GRAVEL
GM - SILTY GRAVEL
GC - CLAYEY GRAVEL
SW - WELL GRADED SAND
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PWR - PARTIALLY WEATHERED ROCK
- FILL
- POSSIBLE FILL
- PROBABLE FILL

SURFACE MATERIALS

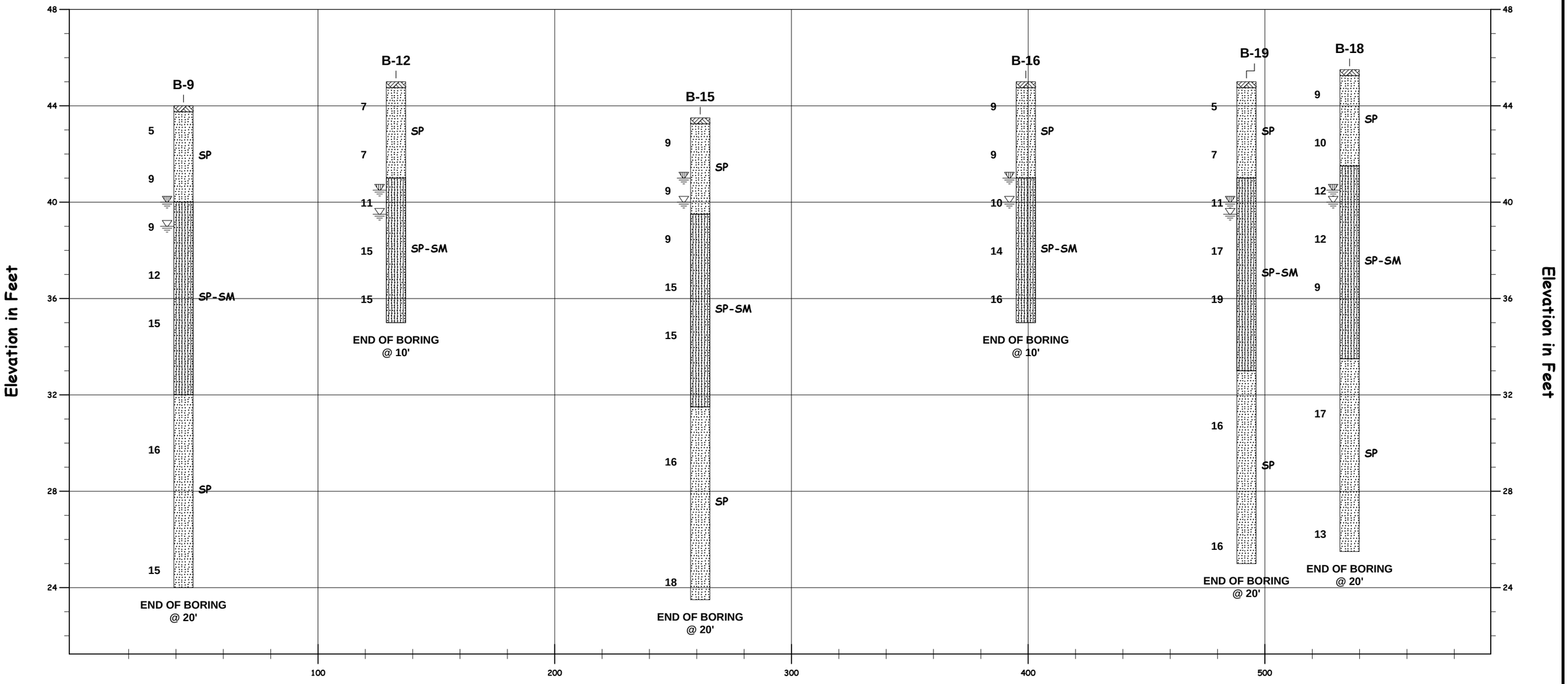
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NOTES:
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Subsurface Soil Profile
Cross Section B-B

Tuskawilla Retail Development GEO
Equinox Development Properties, Inc.
170 Tuskawilla Rd, Winter Springs, Seminole County, FL

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WR - WEATHERED ROCK
PWR - PARTIALLY WEATHERED ROCK
- FILL
- POSSIBLE FILL
- PROBABLE FILL

ST - SHELBY TUBE
RC - ROCK CORE
PM - PRESSURE METER

NOTE: NUMBERS IMMEDIATELY TO THE LEFT OF THE BORING PROFILE ARE SPT-N VALUES.

SURFACE MATERIALS

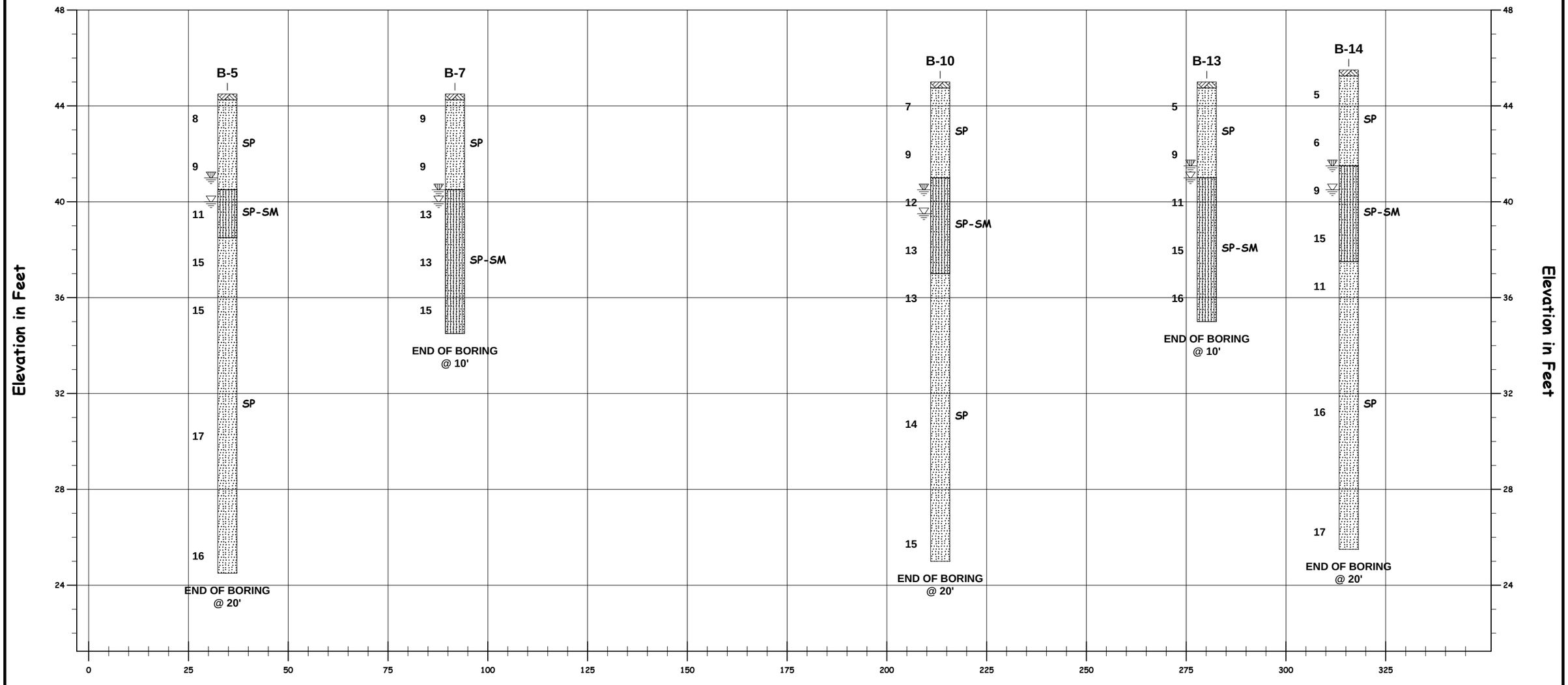
TOPSOIL
ASPHALT
GRAVEL
CONCRETE
VOID

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

WATER LEVEL - DURING DRILLING/SAMPLING
WATER LEVEL - SEASONAL, HIGH WATER
WATER LEVEL - AFTER CASING REMOVAL
WATER LEVEL - AFTER 24 HOURS
PLASTIC LIMIT% WATER CONTENT% % PASSING #200 SIEVE [88%] LIQUID LIMIT%



NOTES:
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2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).

Subsurface Soil Profile
Cross Section C-C

Tuskawilla Retail Development GEO
Equinox Development Properties, Inc.
170 Tuskawilla Rd, Winter Springs, Seminole County, FL

PROJECT NO.: 6366 | DATE: 11/14/2018 | VERTICAL SCALE: 1"=4'

APPENDIX C – Laboratory Testing

Laboratory Testing Results Summary

Laboratory Testing Summary

Sample Source	Sample Number	Depth (feet)	MC[1] (%)	Soil Type[2]	Atterberg Limits[3]			Percent Passing No. 200 Sieve[4]	Moisture - Density (Corr.)[5]		CBR Value[6]	Other
					LL	PL	PI		Maximum Density (pcf)	Optimum Moisture (%)		
B-3	S-3	4.00 - 6.00	22.4	SP-SM				5.8				
B-2	S-2	2.00 - 4.00	7.8	SP				2.7				Kh = 55 ft/day Kv = 37 ft/day
B-19	S-6	13.50 - 15.00	23.2	SP				1.7				
B-18	S-4	6.00 - 8.00	23.4	SP-SM				5.1				Kh = 51 ft/day Kv = 34 ft/day
B-12	S-2	2.00 - 4.00	2.1	SP				0.7				
B-17	S-3	4.00 - 6.00	13.8	SP-SM				8.9				
B-11	S-4	6.00 - 8.00	22.1	SP				0.9				

Notes: 1. ASTM D 2216, 2. ASTM D 2487, 3. ASTM D 4318, 4. ASTM D 1140, 5. See test reports for test method, 6. See test reports for test method

Definitions: MC: Moisture Content, Soil Type: USCS (Unified Soil Classification System), LL: Liquid Limit, PL: Plastic Limit, PI: Plasticity Index, CBR: California Bearing Ratio, OC: Organic Content (ASTM D 2974)

Project No. 24:6366
Project Name: Tuskawilla Retail Development GEO
PM: DAS
PE: JPH
Printed On: Tuesday, November 13, 2018

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Orlando, FL 32809
Phone: (407) 859-8378
Fax: (407) 859-9599

Wawa Winter Springs

Traffic Impact Analysis

Winter Springs, FL

December 2024

Kimley»Horn

1169

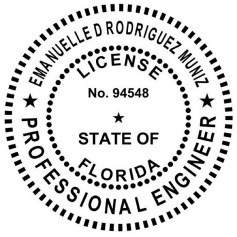
Wawa Winter Springs

Traffic Impact Analysis

Winter Springs, FL

Prepared by:

Kimley-Horn and Associates, Inc.



This document has been digitally signed and sealed by Emanuelle D Rodriguez Muñiz, P.E. on the date adjacent to the seal

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Emanuelle D Rodriguez

Digitally signed by Emanuelle D Rodriguez
DN: CN=Emanuelle D Rodriguez, dnQualifier=A01410C0000019341168451000 2EF49, O=KIMLEY-HORN AND ASSOCIATES INC, C=US
Date: 2024.12.13 14:52:05-05'00'

December 2024

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Kimley»Horn

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Appendix E: Turning Movement Volume Worksheets

Appendix F: Synchro Outputs

Appendix G: AADT Historical Trend

Appendix H: ITE Land Use Codes

Appendix I: CFRPMv7 Model Plot

Appendix J: Seminole County Roadway Concurrency Information

1.0 INTRODUCTION

Kimley-Horn has been retained to analyze and document the traffic impacts associated with developing a Wawa convenience store with a gas station in the City of Winter Springs, Florida. The methodology for this Traffic Impact Analysis (TIA) is provided in **Appendix A**.

The project site is currently vacant and will consist of 12 vehicle fueling positions (VFP) and a ±4,736 square foot convenience store within the existing shopping plaza located at the southwest corner of SR 434 & Tuskawilla Road. The existing shopping plaza consists of various land uses, such as a bank, health club, medical office, fast-casual restaurant, discount store, and supermarket. The gas station will utilize the shopping plaza's access points off of SR 434 and Tuskawilla Road, as shown in the site plan in **Appendix B**.

1.1 STUDY AREA

As stated in the methodology, included in **Appendix A**, the study area will include all signalized intersections and major unsignalized intersections within a 1/4-mile radius from the perimeter of the site were evaluated as part of the traffic study, as well as the proposed project driveways:

- SR 434 & Tuskawilla Road
- SR 434 & Roberts Family Lane
- SR 434 & Project Driveway
- Tuskawilla Road & Project Driveway

Per Seminole County traffic study requirements, all roadway segments with projects trips within a 1-mile radius from the perimeter of the site were evaluated as part of the traffic study:

- #296 – SR 434 from Spring Ave to Tuskawilla Rd
- #297 – SR 434 from Tuskawilla Rd to SR 419
- #326 – Tuskawilla Rd from SR 434 to Trotwood Blvd

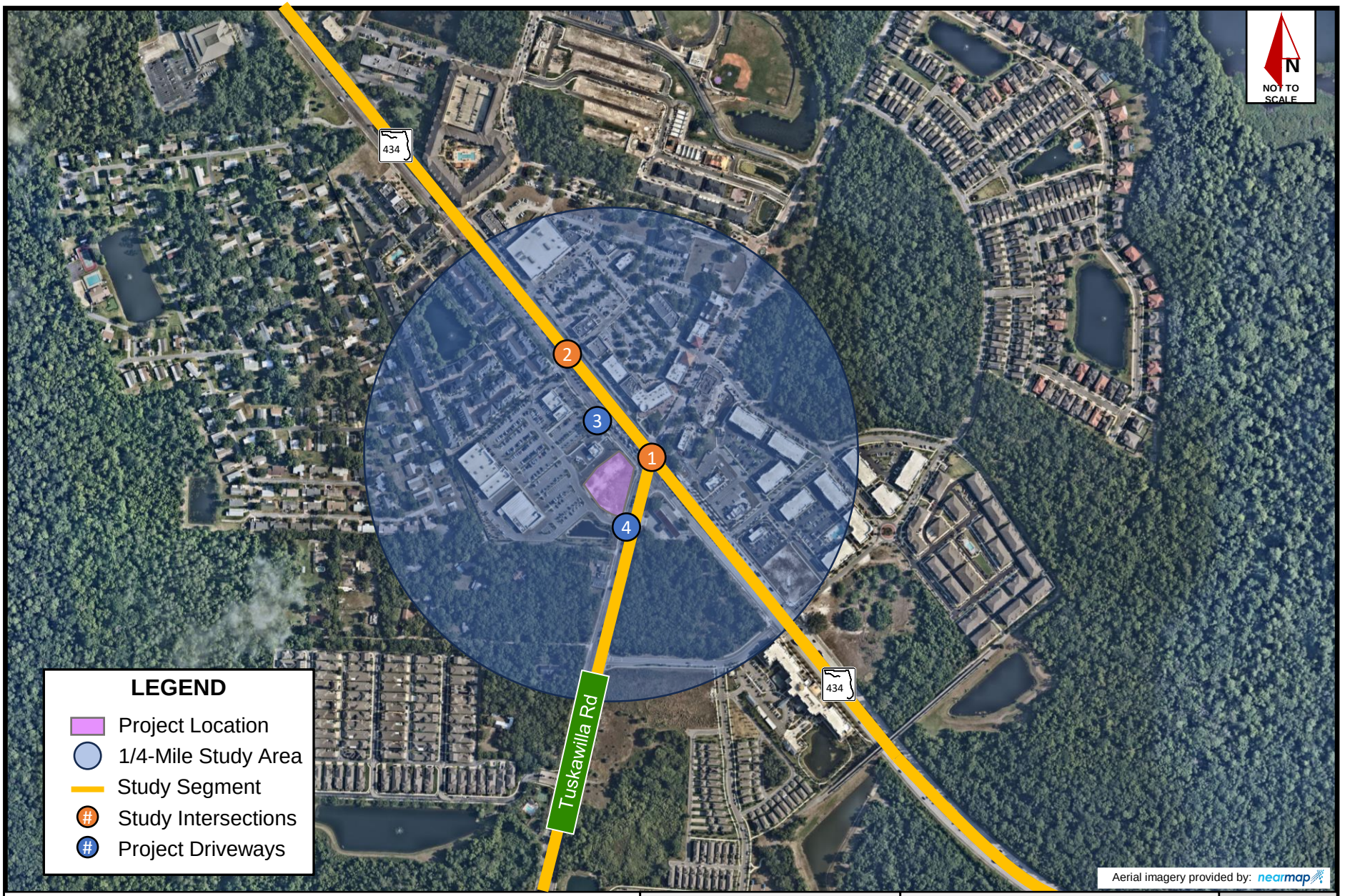


Figure 1: Project Location Map

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November 2024

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2.0 EXISTING CONDITIONS ANALYSIS – YEAR 2024

2.1 EXISTING TRAFFIC COUNTS

Turning movement counts (TMCs) were collected on Thursday, November 14, 2024, at the study intersections. Data was collected during the AM Peak Period (7:00 AM to 9:00 AM) and PM Peak Period (4:00 PM to 6:00 PM) and is provided in **Appendix C**. The counts were adjusted using the seasonal factor (SF) from FDOT's Florida Traffic Online (FTO) publication. SF data is provided in **Appendix D**. Turning movement volume development worksheets, including adjusted existing (2024) turning movement volumes for all intersections, are provided in **Appendix E.**

2.2 EXISTING INTERSECTION CONDITIONS

Intersection operational analyses were performed for existing (2024) conditions in the AM and PM peak hours using procedures outlined in the *Highway Capacity Manual 7th Edition* with Synchro (v12) software. Intersection level of service (LOS), maximum volume to capacity (v/c) ratios, delay, and queue for existing conditions are provided in **Table 1**. Synchro outputs are provided in **Appendix F**.

As shown in the table below, all of the study area intersection approaches operate with an acceptable overall level of service (LOS) and v/c ratio less than one (1.0), with the exception of the following:

#1 SR 434 Tuskawilla Road

- Northbound Approach – LOS F and V/C > 1.0 (PM)
- Southbound Approach – LOS F (PM)
- Overall LOS F (PM)

Other movements are shown to experience high delays, as depicted in the table.

Table 1: Existing Intersection Conditions

Int. #	Intersection	Control Type	Movement/Approach/Intersection	Existing (2024) AM Peak Hour				Existing (2024) PM Peak Hour			
				LOS	Delay	V/C	Queue	LOS	Delay	V/C	Queue
1	Tuskawilla & SR 434	Signalized	**EBL**	F	107.9	0.79	3	F	161.0	0.98	11
			EBT	D	44.4	0.64	17	D	44.8	0.74	28
			EBR	B	18.7	0.43	16	C	25.6	0.61	30
			WBL	F	114.9	0.90	10	F	115.2	0.91	15
			WBT	D	39.1	0.65	19	D	43.9	0.76	31
			WBR	D	38.9	0.65	20	D	43.7	0.76	32
			NBL	E	74.4	0.84	14	F	234.8	1.34	38
			NBT	-	0.0	0.00	0	-	0.0	0.00	0
			NBR	E	73.9	0.77	13	F	199.6	1.23	34
			SBL	E	78.0	0.30	2	E	72.4	0.49	8
			SBT	-	0.0	0.00	0	-	0.0	0.00	0
			SBR	F	107.6	0.86	8	F	107.4	0.90	16
			NB	D	39.0	-	-	F	223.5	-	-
			SB	D	49.3	-	-	F	95.1	-	-
			EB	E	74.3	-	-	D	45.6	-	-
			WB	F	99.9	-	-	D	52.4	-	-
			Intersection	**D**	**53.9**	**-**	**-**	**F**	**93.4**	**-**	**-**
2	Roberts Family Ln & SR 434	Unsignalized (TWSC)	**EBL**	C	16.8	0.13	0	C	20.3	0.24	1
			EBT	-	-	-	-	-	-	-	-
			EBR	-	-	-	-	-	-	-	-
			WBL	B	13.5	0.13	0	C	19.5	0.29	1
			WBT	-	-	-	-	-	-	-	-
			WBR	-	-	-	-	-	-	-	-
			NBR	B	14.9	0.05	0	C	20.0	0.16	1
			NB	B	14.9	-	-	C	20.0	-	-
			EB	-	0.5	-	-	-	0.8	-	-
			WB	-	0.5	-	-	-	1.0	-	-
			Intersection	**-**	**0.6**	**-**	**-**	**-**	**1.1**	**-**	**-**
3	Tuskawilla Rd & Project Driveway	Unsignalized (TWSC)	**EBR**	B	11.4	0.10	0.3	B	14	0.26	1
			NBT	-	-	-	-	-	-	-	-
			SBT	-	-	-	-	-	-	-	-
			SBR	-	-	-	-	-	-	-	-
			NB	-	0	-	-	-	0	-	-
			SB	-	0	-	-	-	0	-	-
			EB	B	11.42	-	-	B	14.03	-	-
			Intersection	**-**	**0.4**	**-**	**-**	**-**	**0.9**	**-**	**-**
4	SR 434 & Project Driveway	Unsignalized (TWSC)	**EBR**	-	-	-	-	-	-	-	-
			NBT	-	-	-	-	-	-	-	-
			SBT	-	-	-	-	-	-	-	-
			SBR	C	18.7	0.08	0.3	D	26.6	0.31	1.2
			NB	C	18.73	-	-	D	26.61	-	-
			SB	-	0	-	-	-	0	-	-
			EB	-	0	-	-	-	0	-	-
			Intersection	**-**	**0.3**	**-**	**-**	**-**	**1**	**-**	**-**

3.0 BACKGROUND CONDITIONS ANALYSIS – YEAR 2026

3.1 BACKGROUND TRAFFIC

Traffic conditions were evaluated for Year 2026 background conditions without the impact of project trips on the roadway network. Background volumes at study area intersections were derived by applying a 2% annual growth to existing turning movement volumes. The historical annual growth rate was calculated for SR 434 and Tuskawilla Road and it indicated a growth rate less than 2%. Historical trend sheets are included in **Appendix G**.

Background growth and intersection volumes are shown in the intersection turning movement volume development worksheets provided in **Appendix E.**

3.2 BACKGROUND INTERSECTION ANALYSIS

Intersection operational analyses were performed for Year 2024 background conditions in the AM and PM peak hours using procedures outlined in the *Highway Capacity Manual 7th Edition* with Synchro (v11) software. Intersection level of service (LOS) and maximum volume to capacity (v/c) ratios for the background conditions are provided in **Table 2**. Synchro outputs are provided in **Appendix F**.

As shown in the tables below, the study area intersection movements operate with acceptable overall LOS and v/c ratio less than one (1.0), with the exception of the existing deficiencies and the following background deficiencies:

#1 SR 434 Tuskawilla Road

- Eastbound Left movement – V/C > 1.0 (PM)
- Southbound Approach – LOS F (AM)

Table 2: Background Intersection Conditions

Int. #	Intersection	Control Type	Movement/Approach/Intersection	Background (2026) AM Peak Hour				Background (2026) PM Peak Hour			
				LOS	Delay	V/C	Queue	LOS	Delay	V/C	Queue
1	Tuskawilla & SR 434	Signalized	**EBL**	F	109.4	0.79	6	F	172.4	1.02	12
			EBT	D	47.6	0.68	25	D	46.7	0.78	29
			EBR	B	19.7	0.45	24	C	26.8	0.63	32
			WBL	F	116.1	0.91	16	F	126.0	0.95	16
			WBT	D	42.2	0.69	29	D	46.5	0.79	33
			WBR	D	42.0	0.69	30	D	46.3	0.80	34
			NBL	E	74.4	0.85	21	F	258.0	1.39	41
			NBT	-	0.0	0.00	0	-	0.0	0.00	0
			NBR	E	73.8	0.77	19	F	217.5	1.27	36
			SBL	E	77.5	0.31	4	E	72.0	0.50	8
			SBT	-	0.0	0.00	0	-	0.0	0.00	0
			SBR	F	109.0	0.87	13	F	109.0	0.91	17
			NB	E	74.2	-	-	F	245.0	-	-
			SB	F	100.8	-	-	F	96.1	-	-
			EB	D	41.5	-	-	D	47.8	-	-
			WB	D	52.1	-	-	E	56.0	-	-
			Intersection	**E**	**55.8**	**-**	**-**	**F**	**100.5**	**-**	**-**
2	Roberts Family Ln & SR 434	Unsignalized (TWSC)	**EBL**	C	17.8	0.14	1	C	22.0	0.26	1
			EBT	-	-	-	-	-	-	-	-
			EBR	-	-	-	-	-	-	-	-
			WBL	B	14.0	0.14	1	C	21.1	0.32	1
			WBT	-	-	-	-	-	-	-	-
			WBR	-	-	-	-	-	-	-	-
			NBR	C	15.4	0.06	0	C	21.1	0.18	1
			NB	C	15.4	-	-	C	21.1	-	-
			EB	-	0.5	-	-	-	0.9	-	-
			WB	-	0.5	-	-	-	1.0	-	-
			Intersection	**-**	**0.6**	**-**	**-**	**-**	**1.2**	**-**	**-**
3	Tuskawilla Rd & Project Driveway	Unsignalized (TWSC)	**EBR**	B	11.6	0.10	0.3	B	14.5	0.28	1.1
			NBT	-	-	-	-	-	-	-	-
			SBT	-	-	-	-	-	-	-	-
			SBR	-	-	-	-	-	-	-	-
			NB	-	0	-	-	-	0	-	-
			SB	-	0	-	-	-	0	-	-
			EB	B	11.6	-	-	B	14.5	-	-
			Intersection	**-**	**0.4**	**-**	**-**		**0.9**	**-**	**-**
4	SR 434 & Project Driveway	Unsignalized (TWSC)	**EBR**	-	-	-	-	-	-	-	-
			NBT	-	-	-	-	-	-	-	-
			SBT	-	-	-	-	-	-	-	-
			SBR	C	19.5	0.09	0.3	D	28.9	0.34	1.4
			NB	C	19.5	-	-	D	28.9	-	-
			SB	-	0	-	-	-	0	-	-
			EB	-	0	-	-	-	0	-	-
			Intersection	**-**	**0.3**	**-**	**-**	**-**	**1.1**	**-**	**-**

4.0 DEVELOPMENT TRAFFIC

The proposed development consists of 12 vehicle fueling positions (VFP) and a ±4,736 square foot convenience store within the existing shopping plaza. Buildout of the project is anticipated in 2026. The latest industry standards were referenced to evaluate the new external trips to be generated by the site at buildout. The latest adopted regional travel demand model was used to forecast the distribution of trips throughout the study area.

4.1 TRIP GENERATION

Trip generation rates for the proposed development were calculated using the 11th Edition of the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*. Land Use Code (LUC) 945 – Convenience Store / Gas Station (4-5.5k) was used for the proposed development. Relevant excerpts from the ITE *Trip Generation Manual* are included in **Appendix H**. The project is anticipated to generate 693 daily new external trips, 73 net new external trips during the AM peak hour (37 in, 36 out), and 60 new external trips during the PM peak hour (31 in, 29 out). **Table 3** provides the daily, AM peak hour, and PM peak hour trip generation summary for the proposed development.

Table 3: Trip Generation Summary

	Land Use	LUC[1]	Size	Units	Trip Rate[1]	Daily				
						Total	In[1]		Out[1]	
Daily	Convenience Store/ Gas Station - GFA (4-5.5k)	945	**12**	VFP	257.13	3,086	*50%*	1,543	*50%*	1,543
	Total Generated Trips					**3,086**	**1,543**		**1,543**	
	Internal Capture =	*10.0%*				*310*	*155*		*155*	
	Net External Trips					**2,776**	**1,388**		**1,388**	
	Pass by Trips[3] =	*75.0%*	*of external retail trips*			*2,083*	*1,042*		*1,041*	
	New External Trips					**693**	**346**		**347**	
	Land Use	**LUC[1]**	**Size**	**Units**	**Trip Rate[1]**	**AM Peak Hour**				
						Total	**In[1]**		**Out[1]**	
AM Peak Hour	Convenience Store/ Gas Station - GFA (4-5.5k)	945	**12**	VFP	27.04	324	*50%*	162	*50%*	162
	Total Generated Trips					**324**	**162**		**162**	
	Internal Capture =	*10.0%*				33	16		16	
	Net External Trips					**291**	**146**		**145**	
	Pass by Trips[3] =	*75.0%*	*of external retail trips*			218	109		109	
	New External Trips					**73**	**37**		**36**	
	Land Use	**LUC[1]**	**Size**	**Units**	**Trip Rate[1]**	**PM Peak Hour**				
						Total	**In[1]**		**Out[1]**	
PM Peak Hour	Convenience Store/ Gas Station - GFA (4-5.5k)	945	**12**	VFP	22.76	273	*50%*	137	*50%*	136
	Total Generated Trips					**273**	**137**		**136**	
	Internal Capture =	*10.0%*				27	13		14	
	Net External Trips					**246**	**124**		**122**	
	Pass by Trips[3] =	*76.0%*	*of external retail trips*			186	93		93	
	New External Trips					**60**	**31**		**29**	

Notes: *1. Vehicle trip rates and directional splits per ITE Trip Generation Manual, 11th Edition*

2. A 10% internal capture to account for the +/- 60K SF of shopping plaza.

3. Land Use Code 945 pass-by rates obtained from ITE Trip Generation Manual, 11th Edition Appendices.

4.2 TRIP DISTRIBUTION

Projected traffic demand of project trips on study roadways was derived with the use of the latest adopted regional travel demand model. Land use data for the project was entered into a new traffic analysis zone (TAZ) within the Central Florida Regional Planning Model (CFRPM v7) model set and situated within the existing roadway network. The model was used to assign trips for all trip purposes between allocated origin and destination pairs using project buildout year model data. Trip distribution for the project was extracted from the completed model assignment and reviewed for logic. The resulting model plot showing percent of daily project distribution is provided in **Appendix I**. Daily model project distribution was referenced to manually assign project distribution at study area intersections and driveways in general accordance with model output. **Figure 2** shows the intersection movement project distribution generated by the proposed industrial development within the study area.

4.3 TRIP ASSIGNMENT

Project trip distribution percentages were used to assign anticipated project trips to the study area roadways and intersections. **Figure 3** shows the anticipated AM and PM peak hour project movements at the study area intersections generated by the proposed industrial development and **Figure 4** shows the pass-by trips.

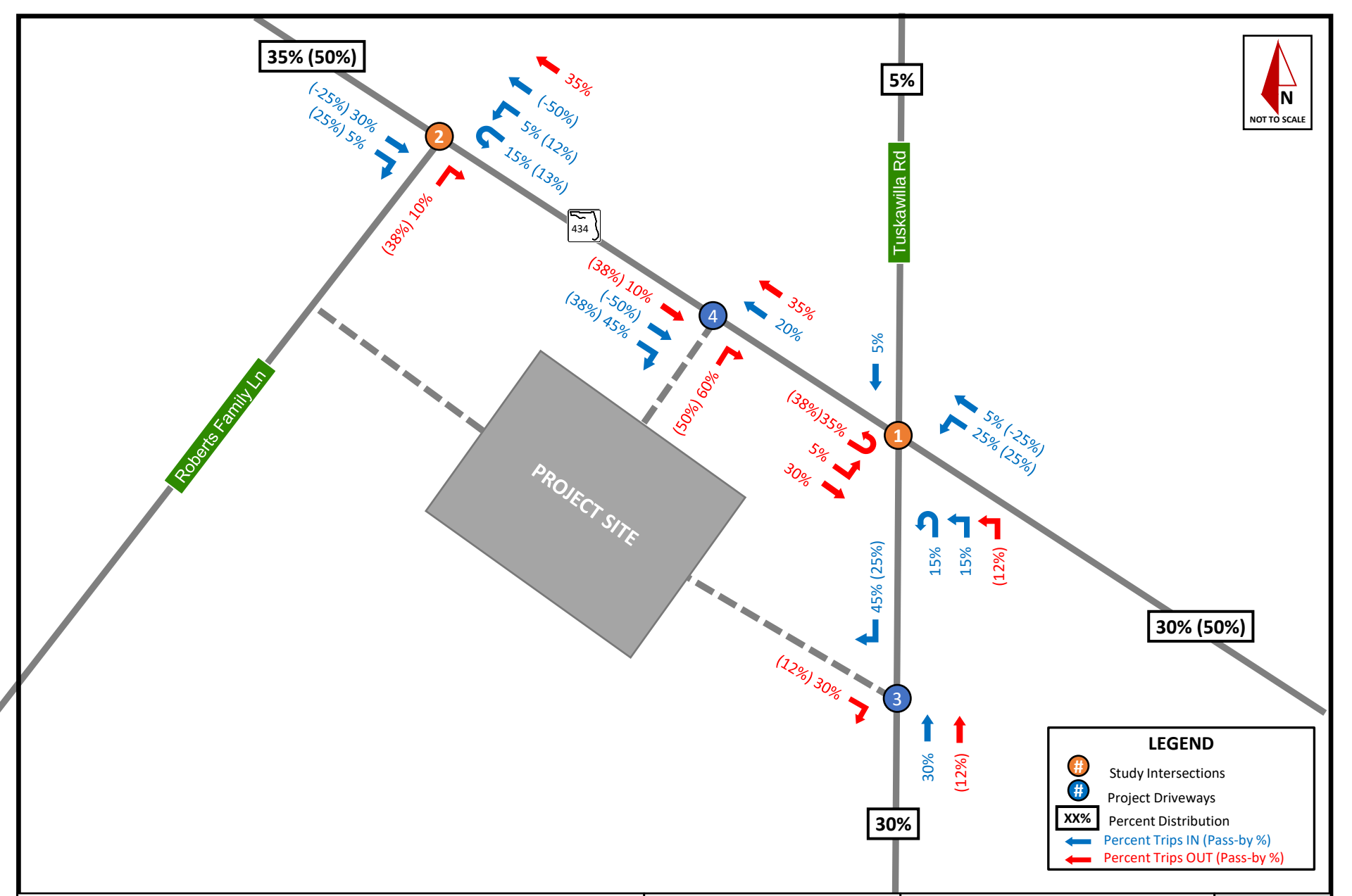


Figure 2: Project Trip Distribution

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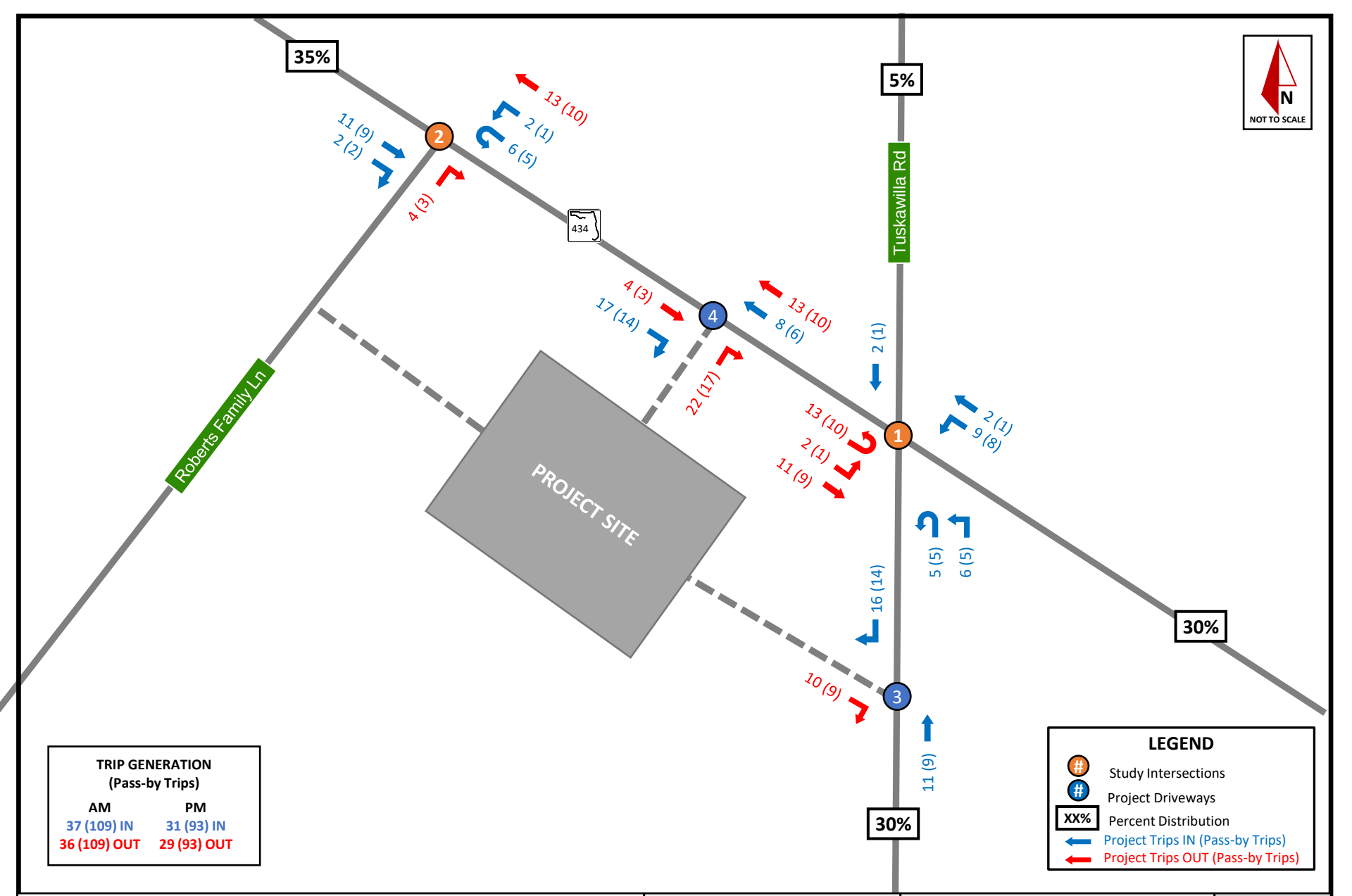


Figure 3: Project Trip Assignment

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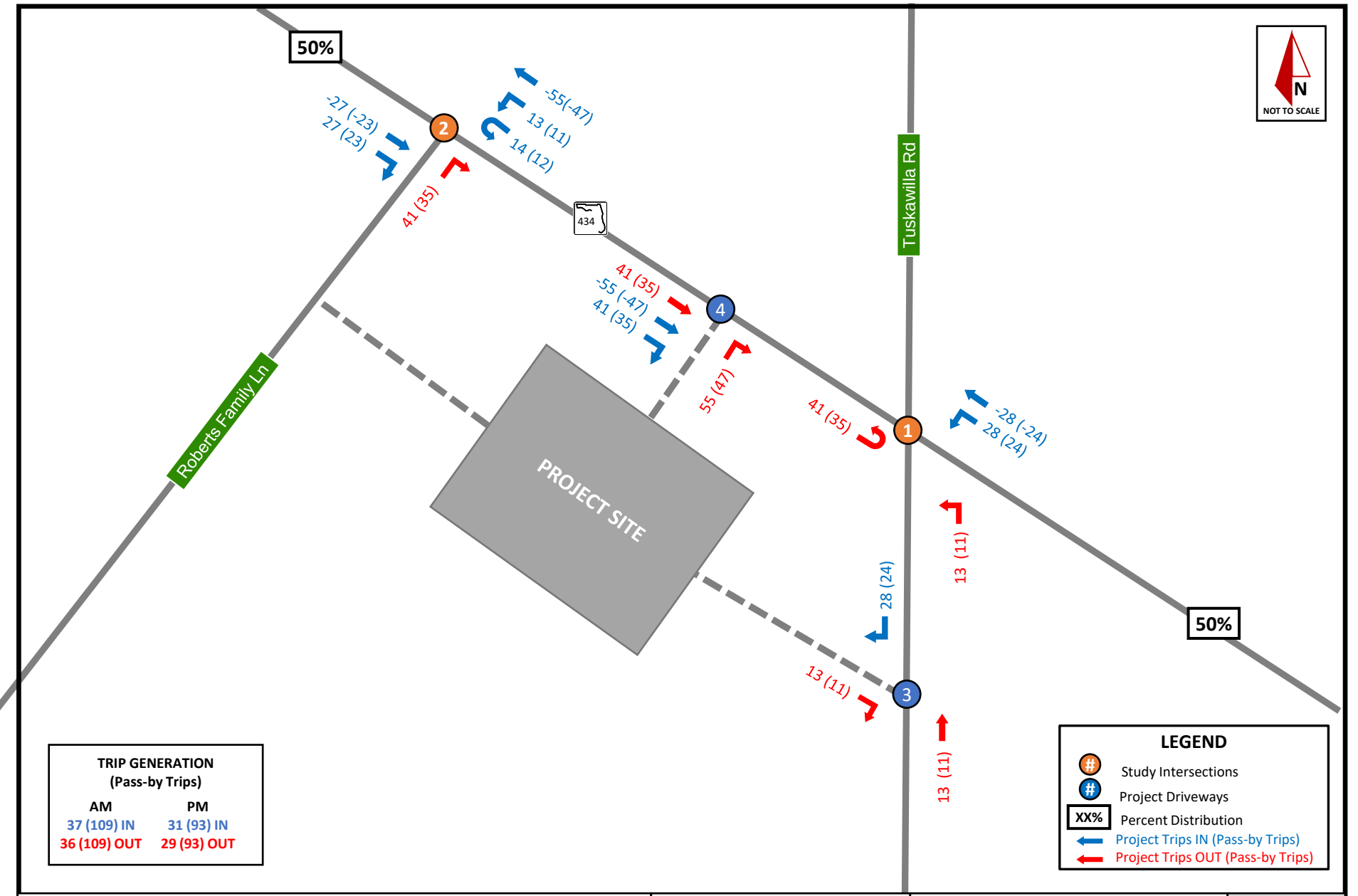


Figure 4: Project Pass-by Trip Assignment

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5.0 BUILDOUT CONDITIONS ANALYSIS – YEAR 2026

5.1 BUILDOUT TRAFFIC

Future traffic conditions for the proposed development were evaluated for Year 2026 buildout conditions. Buildout volumes were developed by adding anticipated project trips to Year 2026 background volumes. A determination of the impact of project traffic on the study intersections was made. Intersection turning movement volume development worksheets for all intersections are provided in **Appendix E.**

5.2 BUILDOUT INTERSECTION ANALYSIS

Intersection operational analyses were performed for Year 2026 buildout conditions in the AM and PM peak hours using procedures outlined in the *Highway Capacity Manual 7th Edition* with Synchro (v12) software. A summary of intersection level of service (LOS) and maximum volume to capacity (v/c) ratios for the buildout conditions are provided in **Table 4**. Synchro outputs are provided in **Appendix F**. **Figures 5 and 6** display total intersection volume counts for the buildout year of 2023 in the AM and PM peak hours, respectively.

As shown in the tables below, all intersection movements are anticipated to operate similarly to background conditions. Traffic signal timing adjustments were implemented to SR 434 & Tuskawilla Road to mitigate project traffic impact. No new deficiencies were identified as a result of project traffic.

Table 4: Buildout Intersection Conditions

Int. #	Intersection	Control Type	Movement/Approach/Intersection	Buildout (2026) AM				Buildout (2026) PM			
				LOS	Delay	V/C	Queue	LOS	Delay	V/C	Queue
1	Tuskawilla & SR 434	Signalized	**EBL**	F	220.3	1.15	14	F	122.5	0.92	14
			EBT	D	50.3	0.72	26	D	51.7	0.82	31
			EBR	C	20.5	0.46	24	C	27.4	0.64	33
			WBL	F	154.9	1.05	21	F	122.6	0.96	18
			WBT	D	45.9	0.71	29	E	55.9	0.85	35
			WBR	D	45.7	0.71	30	E	55.6	0.85	36
			NBL	E	74.5	0.86	22	F	212.4	1.29	38
			NBT	-	0.0	0.00	0	-	0.0	0.00	0
			NBR	E	71.8	0.75	19	F	166.5	1.15	33
			SBL	E	77.3	0.30	4	E	76.1	0.56	8
			SBT	-	0.0	0.00	0	-	0.0	0.00	0
			SBR	F	109.4	0.87	13	F	145.8	1.02	19
			NB	E	73.7	-	-	F	197.9	-	-
			SB	F	101.1	-	-	F	121.5	-	-
			EB	D	54.5	-	-	D	50.0	-	-
			WB	E	63.5	-	-	E	65.2	-	-
			Intersection	**E**	**64.4**	**-**	**-**	**F**	**94.6**	**-**	**-**
2	Roberts Family Ln & SR 434	Unsignalized (TWSC)	**EBL**	C	17.2	0.13	1	C	21.2	0.26	1
			EBT	-	-	-	-	-	-	-	-
			EBR	-	-	-	-	-	-	-	-
			WBL	C	15.1	0.22	1	C	23.8	0.41	2
			WBT	-	-	-	-	-	-	-	-
			WBR	-	-	-	-	-	-	-	-
			NBR	C	17.2	0.19	1	C	24.6	0.32	1
			NB	C	17.2	-	-	C	24.6	-	-
			EB	-	0.5	-	-	-	0.8	-	-
			WB	-	0.8	-	-	-	1.5	-	-
			Intersection	**-**	**1.0**	**-**	**-**	**-**	**1.7**	**-**	**-**
3	Tuskawilla Rd & Project Driveway	Unsignalized (TWSC)	**EBR**	B	12.2	0.15	0.5	C	15.6	0.33	1.4
			NBT	-	-	-	-	-	-	-	-
			SBT	-	-	-	-	-	-	-	-
			SBR	-	-	-	-	-	-	-	-
			NB	-	0	-	-	-	0	-	-
			SB	-	0	-	-	-	0	-	-
			EB	B	12.2	-	-	C	15.6	-	-
			Intersection		**0.6**	**-**	**-**		**1.1**	**-**	**-**
4	SR 434 & Project Driveway	Unsignalized (TWSC)	**EBR**	-	-	-	-	-	-	-	-
			NBT	-	-	-	-	-	-	-	-
			SBT	-	-	-	-	-	-	-	-
			SBR	D	26.4	0.39	1.8	E	45.5	0.64	3.9
			NB	D	26.4	-	-	E	45.5	-	-
			SB	-	0	-	-	-	0	-	-
			EB	-	0	-	-	-	0	-	-
			Intersection	**-**	**1.5**	**-**	**-**	**-**	**3.0**	**-**	**-**



Figure 5: Intersection Volumes – AM Peak Hour

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Figure 6: Intersection Volumes – PM Peak Hour

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5.3 TURN LANE ANALYSIS

Per the Seminole County *Public Works Engineering Manual*, section 1.3.1, right turn lanes should be provided on 2-lane roads for developments generating greater than 3,000 daily trips and on 4- or 6-lane roads for developments generating greater than 4,000 daily trips. None of the project driveways are anticipated to exceed the 4,000 average daily trips, and therefore, right turn lanes are not warranted or recommended.

Additionally, most of the impacted turn lanes at the study intersection are built to their maximum extent or with minimal space to extend it further, which will provide an additional two vehicle queues. Therefore, no turn lane extensions are recommended due to limited room for turn lane extension.

6.0 ROADWAY SEGMENT ANALYSIS

A roadway segment analysis was performed for segments located within a one-mile radius of the proposed development to determine existing, background, and buildout conditions. The following roadway segments were analyzed:

- S.R. 434 from S.R. 419 to Tuskawilla Road
- S.R. 434 from Tuskawilla Road to Springs Ave
- Tuskawilla Road from S.R. 434 to Trotwood Boulevard

Existing and vested trip data were referenced from Seminole County's latest Roadway Concurrency Information dated March 27th, 2020, included in **Appendix J.** This data was used to analyze the roadway segments listed above and is summarized in **Table 5**.

As shown in the table, the analysis identifies no existing, background, or buildout capacity deficiencies.

Table 5: Roadway Segment Analysis

					Existing (2024)				Background (2026)					Buildout (2026)					
Roadway Segment	Station # [1]	LOS Std. [2]	Rdwy Link Capacity [1]	Committed Trips [1]	Existing AADT [1]	Existing Deficiency	V/C Ratio	Existing LOS [2]	Annual Growth Rate	Back-ground AADT	Back-ground Deficiency	V/C Ratio	Back-ground LOS [2]	Project Dist. %	Daily Project Trips [3]	Buildout AADT	Buildout Deficiency	V/C Ratio	Buildout LOS [2]
SR 434																			
Spring Ave to Tuskawilla Rd	296	F	48,000	293	28,677	No	0.60	C	2%	29,835	No	0.62	C	30%	208	30,043	No	0.63	C
Tuskawilla Rd to SR 419	297	F	48,000	0	37,812	No	0.79	D	2%	39,340	No	0.82	D	35%	243	39,582	No	0.82	D
Tuskawilla Rd																			
SR 434 to Trotwood Blvd	326	F	42,560	8	22,099	No	0.52	B	2%	22,992	No	0.54	B	30%	208	23,200	No	0.55	B

Notes:
1. From Seminole County Roadway Concurrency Information dated 12/22/2022
2. LOS Volume Thresholds from Seminole County Vision Comprehensive Plan as Amended through March 26, 2024
3. Assigned using the determined daily net external trips of 693 vehicles

7.0 CONCLUSION

This traffic impact analysis was performed to analyze the traffic impacts associated with the development of a 12 VFP Wawa gas station with a 4,736 square foot convenience store within the existing shopping plaza located at the southwest corner of SR 434 & Tuskawilla Road in the City of Winter Springs, Florida. No new access points were proposed as part of this development. The site will have access via the existing connections on Tuskawilla Rod and SR 434.

Based on ITE trip rates, the proposed development is anticipated to generate 693 daily new external trips, 73 net new external trips during the AM peak hour (37 in, 36 out), and 60 new external trips during the PM peak hour (31 in, 29 out).

An operational analysis for existing, background, and buildout conditions was performed at the study area intersections and project driveways. Under existing background and buildout conditions, all intersections operate at an acceptable LOS and with a v/c ratio less than one (1.0), except some movements and approaches at the intersection of SR 434 and Tuskawilla Road. This intersection is mainly built to its maximum extent with limited room for additional capacity improvements. Signal timing adjustments are recommended to maintain pre-project (background) conditions at the intersection. However, some movements will continue to operate with high delays and/or over their capacity.

A roadway segment analysis was performed to assess the impact of the project on the surrounding roadway network capacity. The roadway segments operate at an acceptable LOS and do not exceed capacity in the existing, background, and buildout conditions.

No roadway or intersection deficiencies were identified as a result of project impact.

APPENDIX A
TIA Methodology Statement

Kimley»Horn

MEMORANDUM

To: Terrilyn Rolle
Community Development Director
City of Winter Springs, FL

Arturo J. Perez, MSCE, P.E.
Professional Engineer - Transportation
Seminole County Public Works Department – Engineering Division

From: Emanuelle D Rodriguez Muñiz, P.E., IMSA[1]
Kimley-Horn and Associates, Inc.

Date: November 27, 2024

Subject: Winter Springs Wawa TIA Methodology
Winter Springs, FL

PURPOSE

The following memorandum is a Traffic Impact Analysis (TIA) methodology for the above-referenced project in the City of Winter Springs, FL. The forthcoming TIA will generally conform to the methodology herein and the policies and guidelines as established by Seminole County Public Works Department – Engineering Division (March 2023).

PROJECT DESCRIPTION

The proposed project consists of a 12-vehicle fueling positions (VFP) Wawa gas station with a 4,736-square-foot convenience store within the existing shopping plaza. The site is located on the southwest corner of Tuskawilla Road and SR 434. Access to the site will be available through the existing driveways on SR 434 and Tuskawilla Road, as shown in the conceptual site plan provided in **Attachment A**. **Figure 1** shows the project location, study area, and its access points.

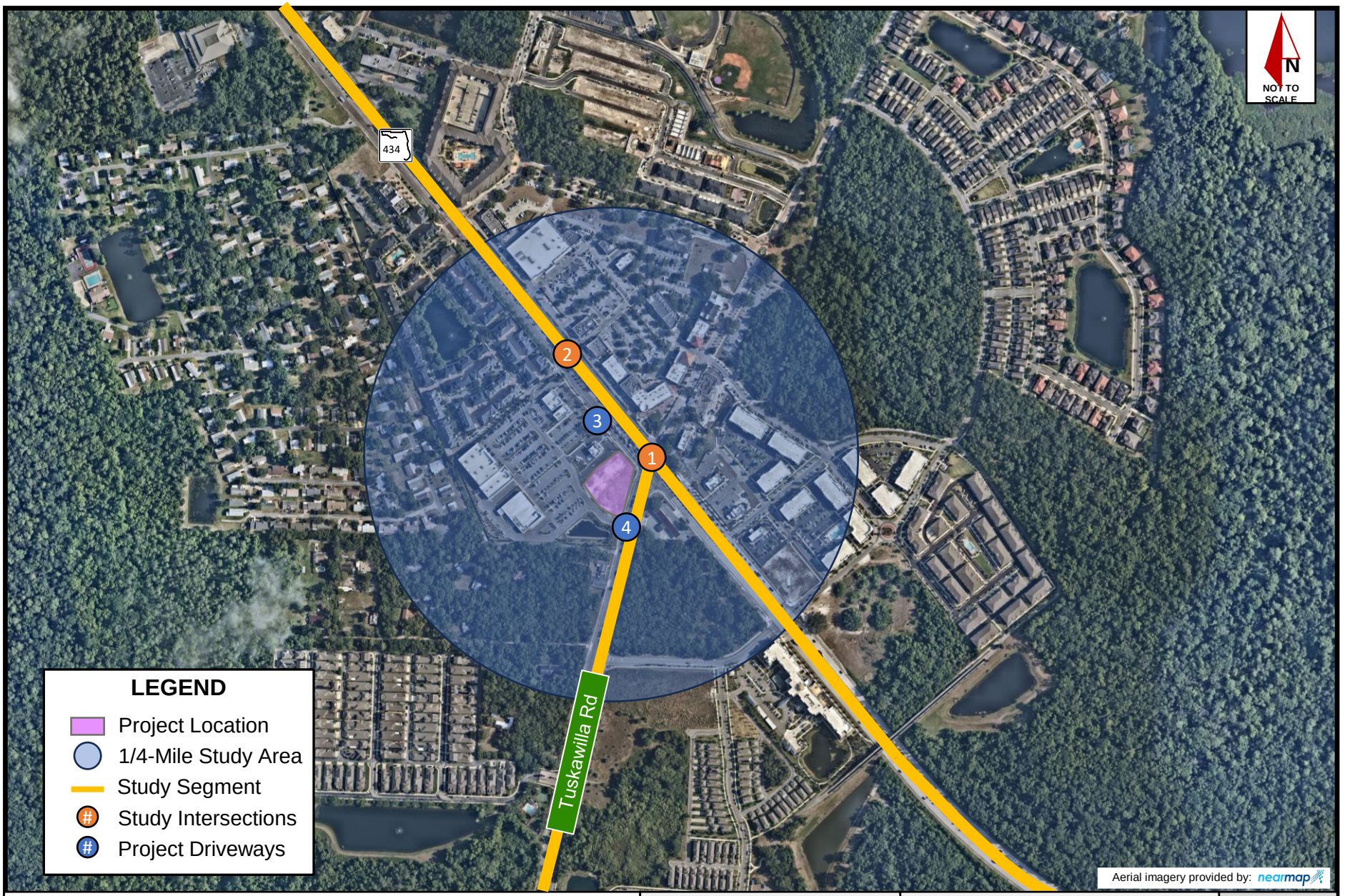


Figure 1: Project Location Map

Winter Springs Wawa | Winter Springs, FL

November 2024

Kimley»Horn

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1530 Cornerstone Boulevard, Suite 200A,
Daytona Beach, FL 32117
Phone: (386) 271-0282

Kimley»Horn

EXISTING CONDITIONS (OPERATIONAL ANALYSIS)

AM (7:00 AM - 9:00 AM) and PM (4:00 PM - 6:00 PM) peak period turning movement counts (TMC) data will be collected at the study area intersections. The data will be adjusted using the respective seasonal factor from FDOT's *Florida Traffic Online* database.

Intersection capacity analyses will be performed for existing AM and PM peak hour conditions using the operational analysis procedures outlined in the *Highway Capacity Manual 7th Edition*. Specifically, Synchro (v12) software will be used to evaluate existing operational conditions at study area intersections and driveways by reporting volume-to-capacity (v/c) ratios, delay, and queue length demands.

TRIP GENERATION

Trip generation for the proposed development was calculated per procedures published in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual, 11th Edition*. The following land use codes (LUC) were used to estimate the trips generated by the proposed development:

- LUC 945 – Convenience Store/Gas Station (4 - 5.5K)

Given the location of the proposed gas station, surrounded by various commercial restaurant land uses and a drive-in bank within the same site, a 10% internal capture was assumed. The pass-by rates were obtained from the *Trip Generation Manual, 11th Edition* appendices. **Table 1** provides Daily, AM, and PM peak-hour trip generation summaries for the proposed development at buildout. The project is anticipated to generate 693 new daily trips, 73 new AM peak-hour trips (37 inbound and 36 outbound), and 60 new PM peak-hour trips (31 inbound and 29 outbound) at the project driveways.

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Table 1: Trip Generation

	Land Use	LUC[1]	Size	Units	Trip Rate[1]	Daily				
						Total	In[1]		Out[1]	
Daily	Convenience Store/ Gas Station - GFA (4-5.5k)	945	**12**	VFP	257.13	3,086	*50%*	1,543	*50%*	1,543
	Total Generated Trips					**3,086**	**1,543**		**1,543**	
	Internal Capture =	*10.0%*				*310*	*155*		*155*	
	Net External Trips					**2,776**	**1,388**		**1,388**	
	Pass by Trips[3] =	*75.0%*	*of external retail trips*			*2,083*	*1,042*		*1,041*	
	New External Trips					**693**	**346**		**347**	
	Land Use	**LUC[1]**	**Size**	**Units**	**Trip Rate[1]**	**AM Peak Hour**				
						Total	**In[1]**		**Out[1]**	
AM Peak Hour	Convenience Store/ Gas Station - GFA (4-5.5k)	945	**12**	VFP	27.04	324	*50%*	162	*50%*	162
	Total Generated Trips					**324**	**162**		**162**	
	Internal Capture =	*10.0%*				33	16		16	
	Net External Trips					**291**	**146**		**145**	
	Pass by Trips[3] =	*75.0%*	*of external retail trips*			218	109		109	
	New External Trips					**73**	**37**		**36**	
	Land Use	**LUC[1]**	**Size**	**Units**	**Trip Rate[1]**	**PM Peak Hour**				
						Total	**In[1]**		**Out[1]**	
PM Peak Hour	Convenience Store/ Gas Station - GFA (4-5.5k)	945	**12**	VFP	22.76	273	*50%*	137	*50%*	136
	Total Generated Trips					**273**	**137**		**136**	
	Internal Capture =	*10.0%*				27	13		14	
	Net External Trips					**246**	**124**		**122**	
	Pass by Trips[3] =	*76.0%*	*of external retail trips*			186	93		93	
	New External Trips					**60**	**31**		**29**	

Notes: *1. Vehicle trip rates and directional splits per ITE Trip Generation Manual, 11th Edition*

2. A 10% internal capture to account for the +/- 57K SF of shopping plaza.

3. Land Use Code 945 pass-by rates obtained from ITE Trip Generation Manual, 11th Edition Appendices.

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TRIP DISTRIBUTION AND TRIP ASSIGNMENT

Projected traffic demand of project trips on study roadways was derived with use of the latest adopted regional travel demand model. Land use data for the project was entered into a new traffic analysis zone (TAZ) within the Central Florida Regional Planning Model (CFRPM v7) model set and situated within the existing roadway network to appropriately represent project access. The select zone model distribution for the project was reviewed for logic.

The proposed trip distribution, shown in **Figure 2**, will be used to assign external project traffic to the study area intersections and driveway. The model output plot showing percent of daily trip distribution is provided in **Attachment B**.

STUDY AREA

A roadway segment analysis will be performed for segments within a 1-mile radius of the project site. Forecasted project traffic will be assigned per the project distribution shown in **Attachment B**. Existing and vested trip data will be referenced from Seminole County's most recent roadway concurrency information. The standard Seminole County "K" factor will be used to convert daily committed trip information to peak hour volumes. The "D" factor will be obtained from the turning movement volumes. The following roadway segments are included in the analysis:

- **#296** – SR 434 from Spring Ave to Tuskawilla Rd
- **#297** – SR 434 from Tuskawilla Rd to SR 419
- **#326** – Tuskawilla Rd from SR 434 to Trotwood Blvd

Per Seminole County traffic study requirements, all signalized intersections and major unsignalized intersections within a 1/4-mile radius from the perimeter of the site will be evaluated as part of the traffic study, as well as the proposed project driveways. The following intersections will be analyzed in the TIA:

- SR 434 & Tuskawilla Road
- SR 434 & Roberts Family Lane
- SR 434 & Project Driveway
- Tuskawilla Road & Project Driveway

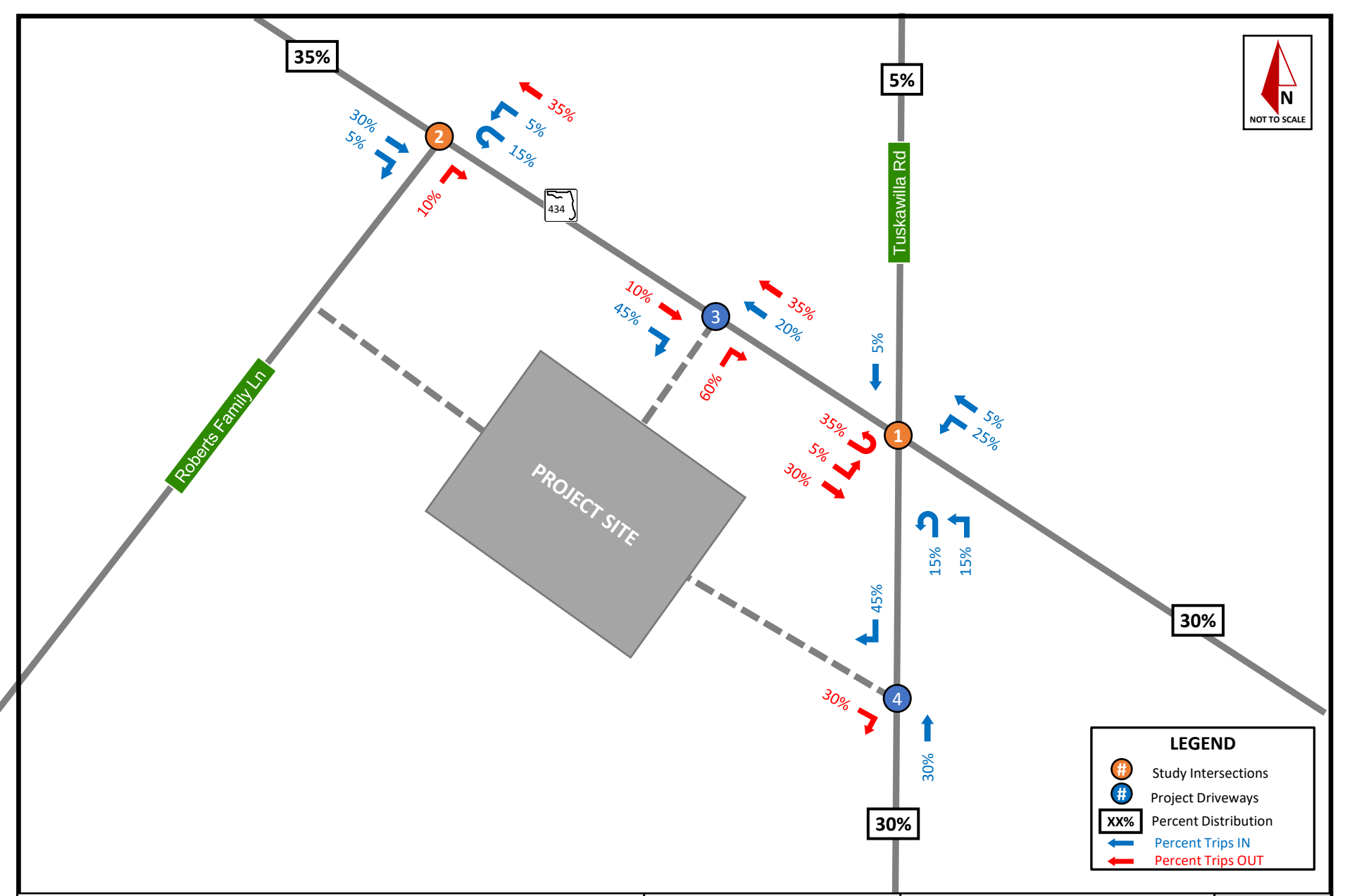


Figure 2: Project Trip Distribution

Winter Springs Wawa | Winter Springs, FL

November 2024

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Daytona Beach, FL 32117
Phone: (386) 271-0282

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BACKGROUND & BUILDOUT CONDITIONS (OPERATIONAL ANALYSIS)

Existing volumes will be grown no less than two percent (2%) per year to develop Year 2025 background traffic. Buildout traffic volumes will be determined by combining background (2025) volumes with project traffic volumes. Project trips will be assigned to the roadway network in accordance with the project trip distribution.

Intersection capacity analyses will be performed for background (2025) and buildout (2025) AM and PM peak hour conditions using the operational analysis procedures outlined in the *Highway Capacity Manual 7th Edition*. Specifically, Synchro (v12) software will be used to evaluate background and buildout operational conditions at study area intersections and the project driveway by reporting volume-to-capacity (v/c) ratios, delay, and queue length demands.

SEGMENT ANALYSIS

A daily and PM peak hour roadway segment analysis will be performed for the segments located within a 1-mile radius of the proposed retail development. The analysis will include existing, background, and buildout scenarios. Volumes for the background scenario will be determined by applying a minimum 2% annual growth rate to existing (2024) volumes to obtain future (2026) volumes. Volumes for the buildout scenario will be determined by adding project trips to background volumes. Relevant data will be referenced from Seminole County's *Summary of Roadway Concurrency Information*. The analysis will identify any existing, background or buildout deficiencies along the study area roadway segments.

TURN LANE ANALYSIS

The need for turn lanes at the proposed driveways will be assessed per Seminole County's Transportation Standards in the Public Works Engineering Manual on County facilities and per FDOT and/or NCHRP guidance on non-County facilities.

REPORT

All analysis and findings will be documented in a report to be provided to the City of Winter Springs and Seminole County for review. If necessary, mitigating measures for any operational deficiencies identified due to project traffic impact will be recommended in the TIA.

APPENDIX B
Site Plan

S.R. 434 & TUSCAWILLA RD.

WINTER SPRINGS, FLORIDA

SP-47

PROPOSED SITE LAYOUT

06/2052024 - CONTACT JONATHAN A. MARTIN, P.E. (407) 427-1686

EQUINOX DEVELOPMENT

GRAPHIC SCALE IN FEET 0 20 40 80

NORTH

Kimley»Horn

1204

K:\ORL_Civil\149170016 - Winter Springs Marketplace\CADD\CONCEPT\SP-47.dwg

APPENDIX C
Turning Movement Counts

National Data & Surveying Services

N

N/S Street: **Tuskawilla Rd**

Speed: **25/45 MPH**

Site Code: **24-130385-001**

Date: **11/14/2024**

Weather: **Sunny**

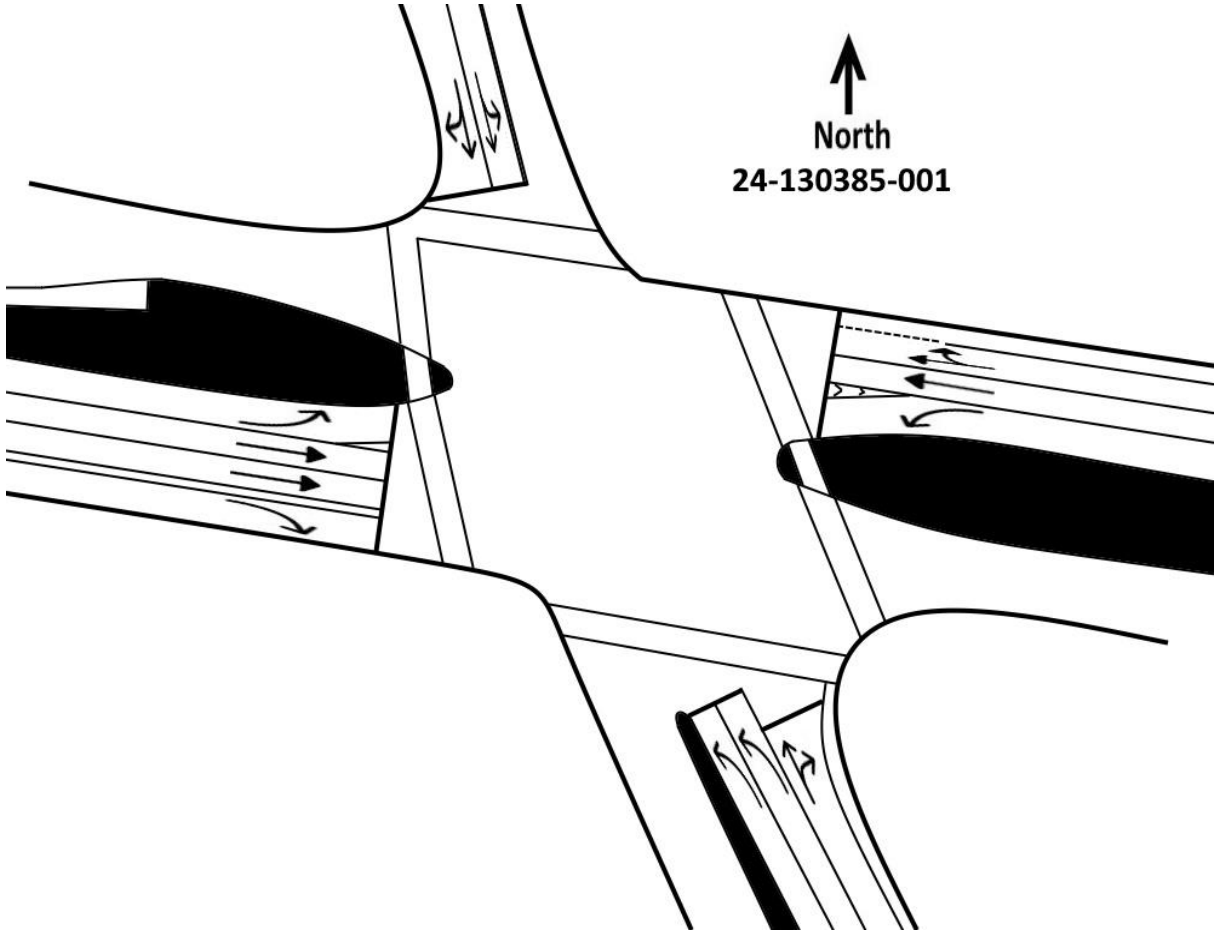
City: **Winter Springs**

County: **Seminole**

Count Times: **07:00 - 09:00**

16:00 - 18:00

Control: **Signalized**



E/W Street: **SR 436/SR 434/SR419/E Florida 434**

Speed: **45/50 MPH**

National Data & Surveying Services

N/S Street: **Roberts Family Ln/Cliff Rose Dr**

Speed: **N/A**

E/W Street: **SR 436/SR 434/SR419/E Florida 434**

Speed: **45/50 MPH**

Site Code: **24-130385-002**

Date: **11/14/2024**

Weather: **Sunny**

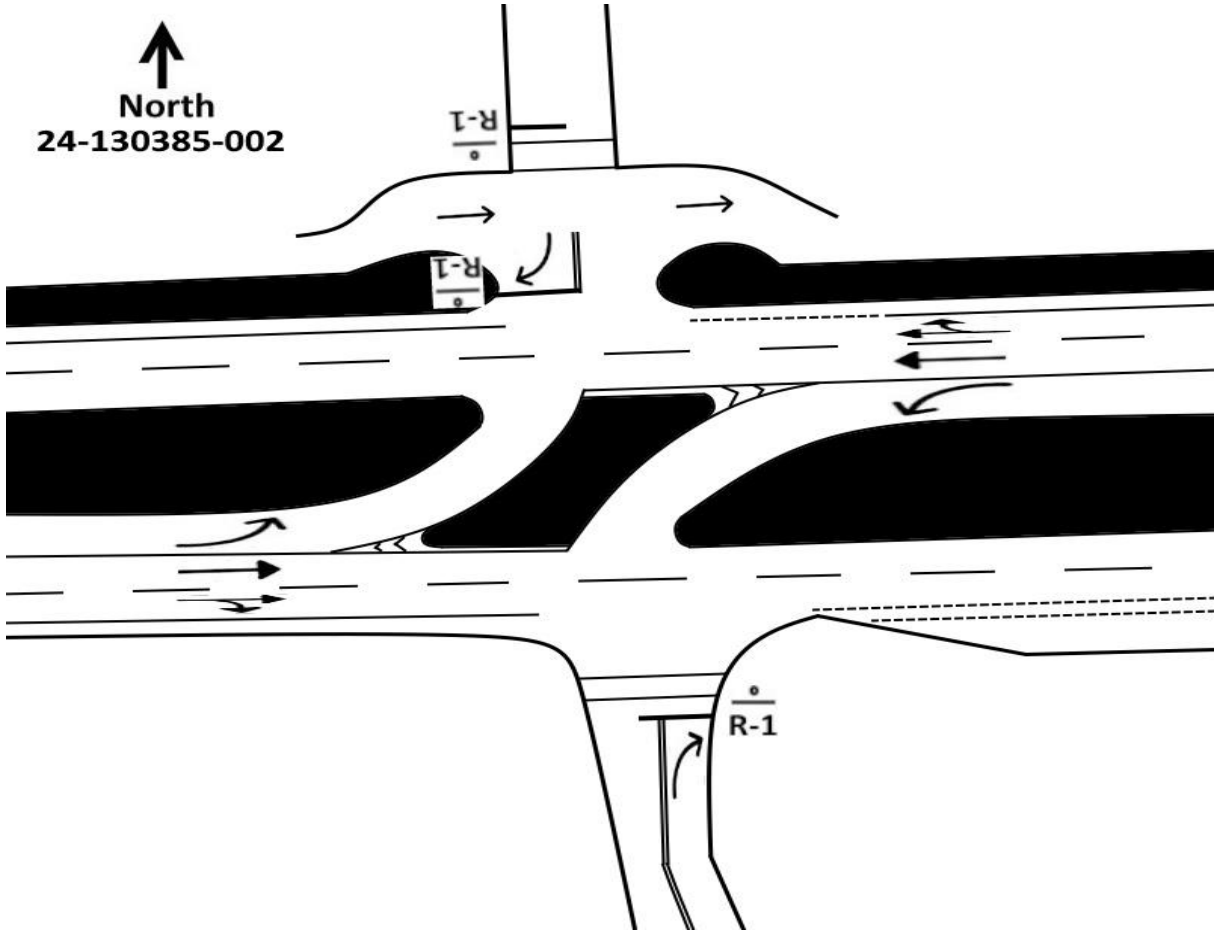
City: **Winter Springs**

County: **Seminole**

Count Times: **07:00 - 09:00**

16:00 - 18:00

Control: **2-Way Stop(NB/SB)**



National Data & Surveying Services

N/S Street: **Tuskawilla Rd**

Speed: **25/45 MPH**

E/W Street: **180 Shopping Center Dwy/Mobil Dwy**

Speed: **N/A**

Site Code: **24-130385-003**

Date: **11/14/2024**

Weather: **Sunny**

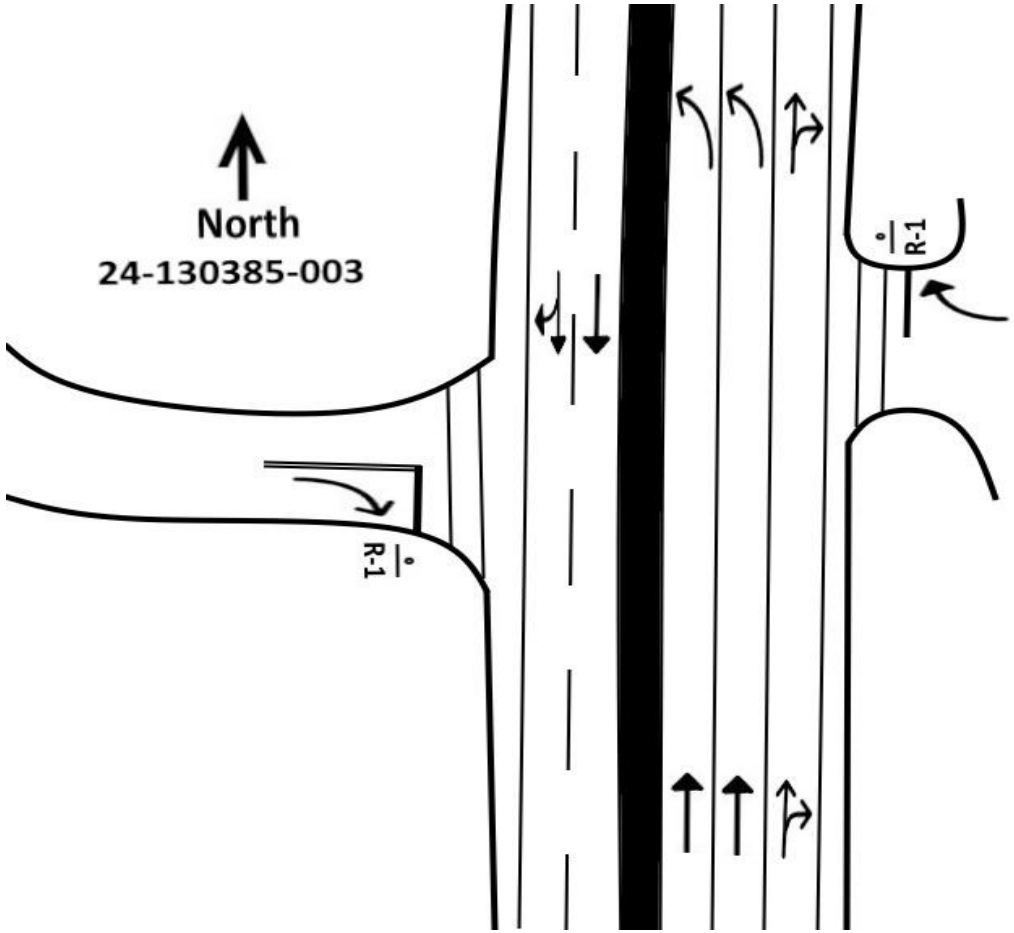
City: **Winter Springs**

County: **Seminole**

Count Times: **07:00 - 09:00**

16:00 - 18:00

Control: **2-Way Stop(EB/WB)**



National Data & Surveying Services

N

N/S Street: **1179 Shopping Center Dwy**

Speed: **N/A**

E/W Street: **SR 436/SR 434/SR419/E Florida 434**

Speed: **45/50 MPH**

Site Code: **24-130385-004**

Date: **11/14/2024**

Weather: **Sunny**

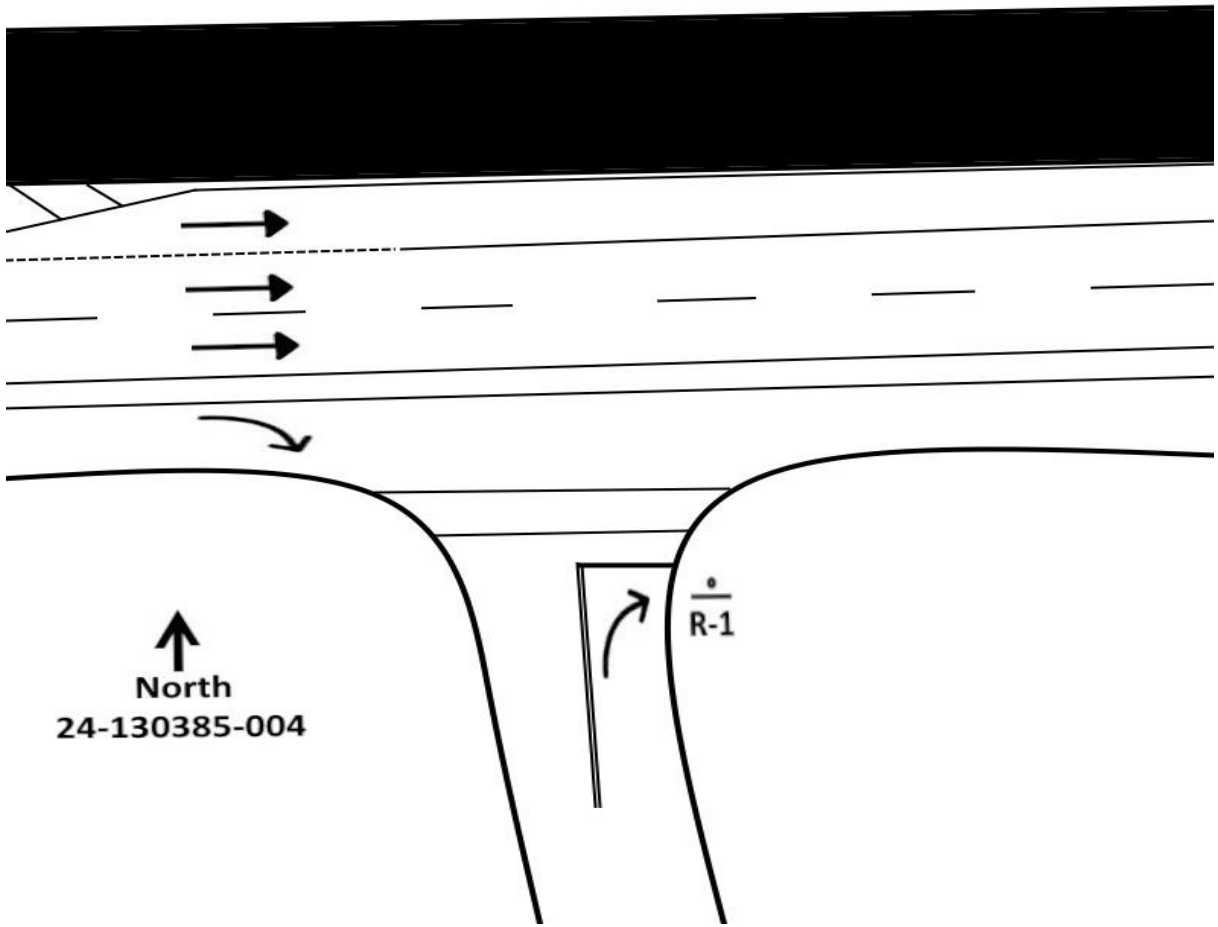
City: **Winter Springs**

County: **Seminole**

Count Times: **07:00 - 09:00**

16:00 - 18:00

Control: **1-Way Stop(NB)**



Prepared by National Data & Surveying Services

Tuskawilla Rd & SR 436/SR 434/SR419/E Florida 434

Peak Hour Turning Movement Count

ID: 24-130385-001
City: Winter Springs

Day: Thursday
Date: 11/14/2024

PEAK HOURS		COUNT PERIODS
AM	07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NOON	NONE	NONE
PM	05:00 PM - 06:00 PM	4:00 PM - 06:00 PM

SOUTHBOUND – Tuskawilla Rd

	Right	Thru	Left	U-Turn	Departing
AM	40	88	46	0	151
NOON	0	0	0	0	0
PM	34	152	100	0	305
	0	0	0	0	

EASTBOUND – SR 436/SR 434/SR419/E Florida 434

	AM	NOON	PM	
Departing	1647	0	1948	
U-Turn	11	0	34	0
Left	40	0	66	0
Thru	848	0	1051	0
Right	396	0	536	0

WESTBOUND – SR 436/SR 434/SR419/E Florida 434

		PM	NOON	AM
Right	0	35	0	21
Thru	0	1170	0	1019
Left	0	164	0	153
U-Turn	0	1	0	10
Departing		1285	0	1069

NORTHBOUND – Tuskawilla Rd

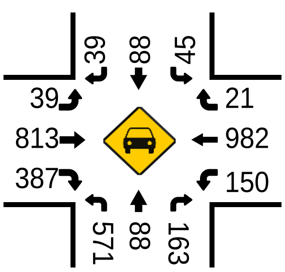
	Departing	U-Turn	Left	Thru	Right
		0	0	0	0
PM	852	0	710	204	133
NOON	0	0	0	0	0
AM	637	0	577	90	165

CONTROL

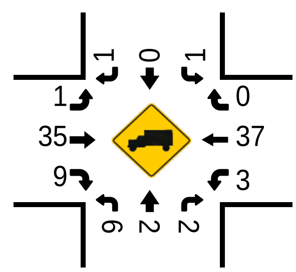
Signalized

	AM	NOON	PM
TEV	3504	0	4390
PHF	0.96		0.98

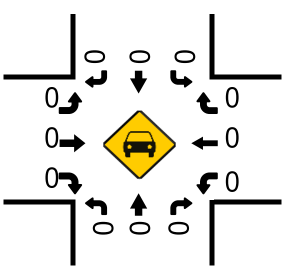
Cars (AM)



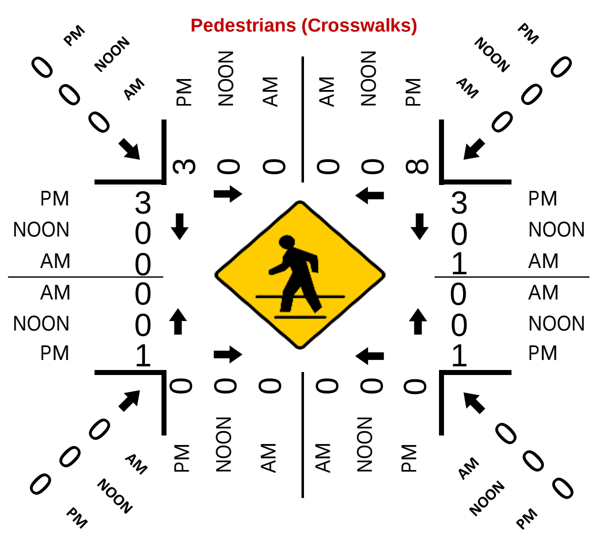
HT (AM)



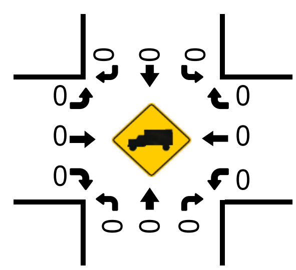
Cars (NOON)



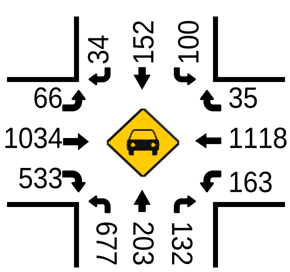
Pedestrians (Crosswalks)



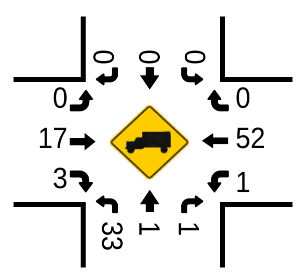
HT (NOON)



Cars (PM)



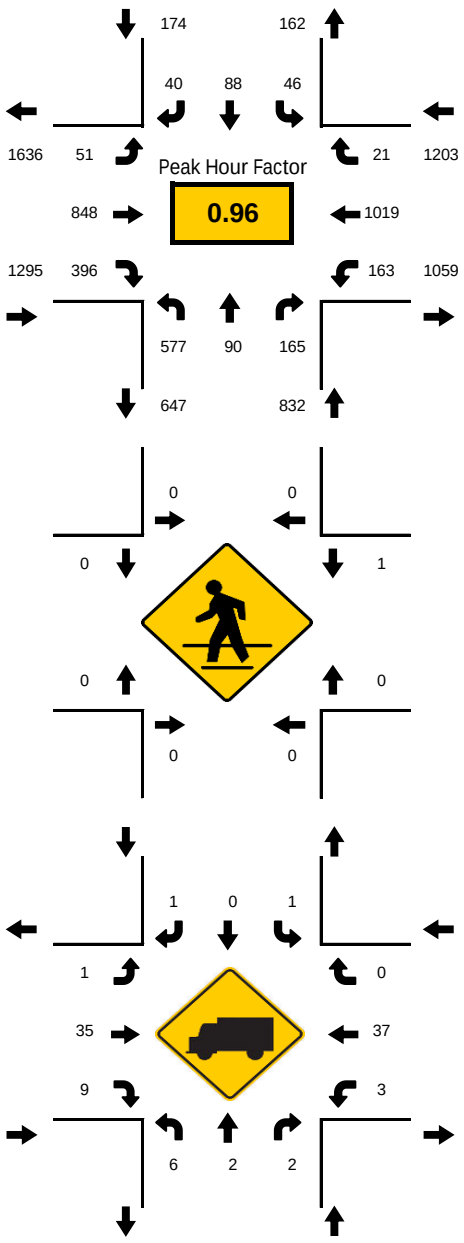
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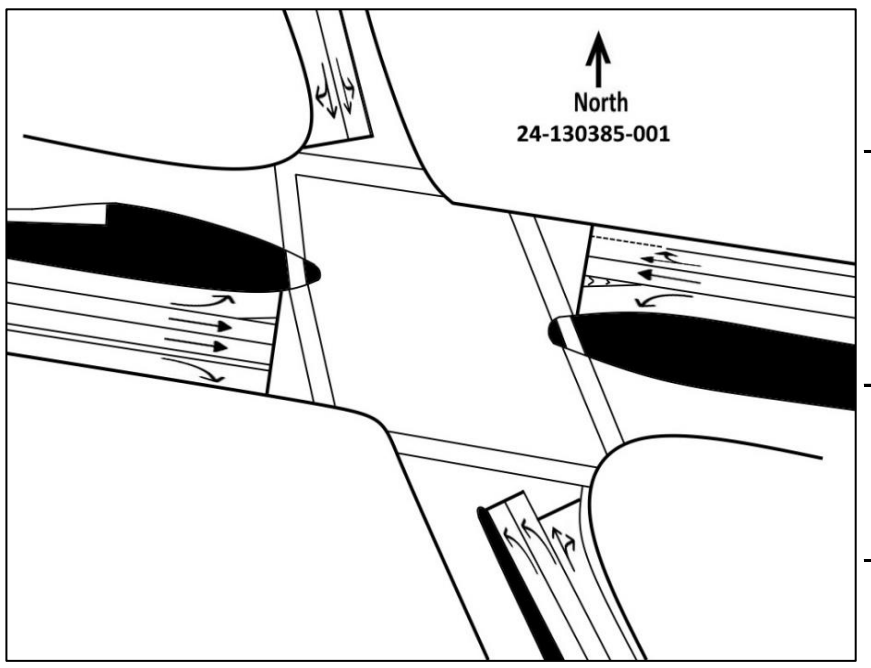
LOCATION: Tuskawilla Rd & SR 436/SR 434/SR419/E Florida 434
CITY/STATE: Winter Springs, FL

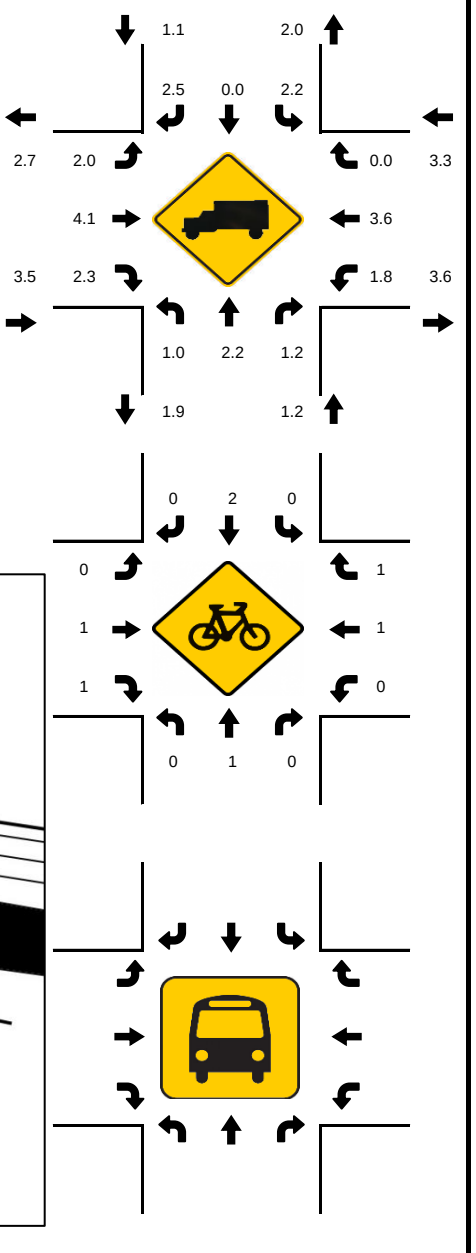
PROJECT ID: 24-130385-001
DATE: Thu, Nov 14, 2024

Peak-Hour: 07:30 AM - 08:30 AM
Peak 15-Minute: 08:15 AM - 08:30 AM



National Data & Surveying Services



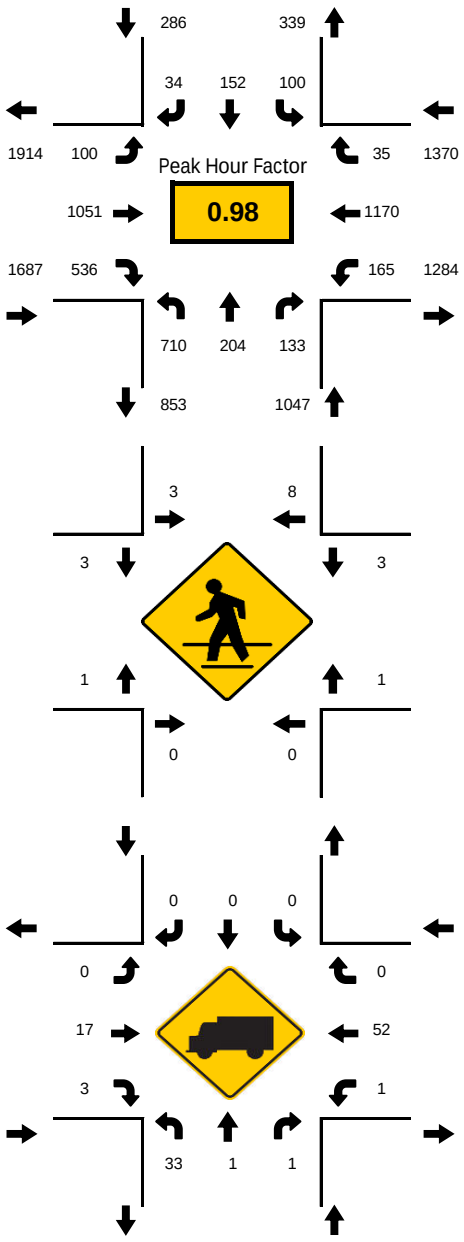


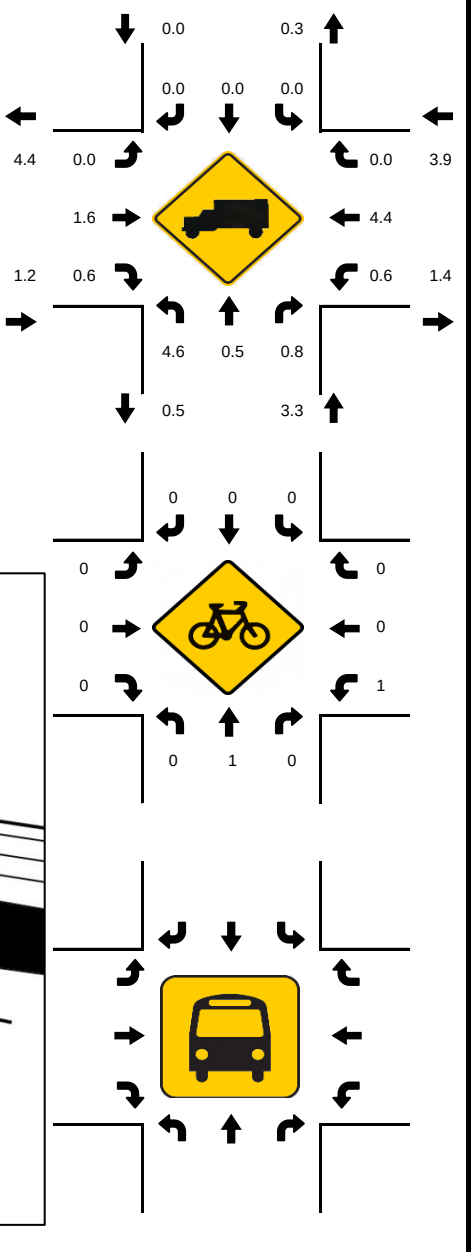
15-Min Count Period Beginning At	Tuskawilla Rd Northbound					Tuskawilla Rd Southbound					R 436/SR 434/SR419/E Florida 43 Eastbound					R 436/SR 434/SR419/E Florida 43 Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
7:00 AM	137	90	14	0		30	48	6	0		9	178	101	4		29	213	12	1		872	3414
7:15 AM	124	19	7	0		20	32	5	0		6	200	106	1		39	251	10	1		821	3408
7:30 AM	139	23	50	0		13	30	15	0		5	208	94	1		39	240	4	2		863	3504
7:45 AM	171	27	41	0		11	16	9	0		15	175	82	5		32	268	3	3		858	3474
8:00 AM	121	18	38	0		15	22	9	0		6	232	106	3		50	236	8	2		866	3493
8:15 AM	146	22	36	0		7	20	7	0		14	233	114	2		32	275	6	3		917	2627
8:30 AM	122	30	29	0		17	20	4	0		18	201	110	1		53	218	9	1		833	1710
8:45 AM	137	31	29	0		14	41	4	0		11	251	132	2		43	175	5	2		877	877
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***		
All Vehicles	684	108	200	0		60	120	60	0		60	932	456	20		200	1100	32	12		**4044**	
Heavy Trucks	8	4	4	0		4	0	4	0		4	52	16	0		8	44	0	0		**148**	
Pedestrians		0					0					0					4				**4**	
Bicycles	0	4	0	0		0	8	0	0		0	4	4	0		0	4	4	0		**28**	
Buses																						
Stopped Buses																						

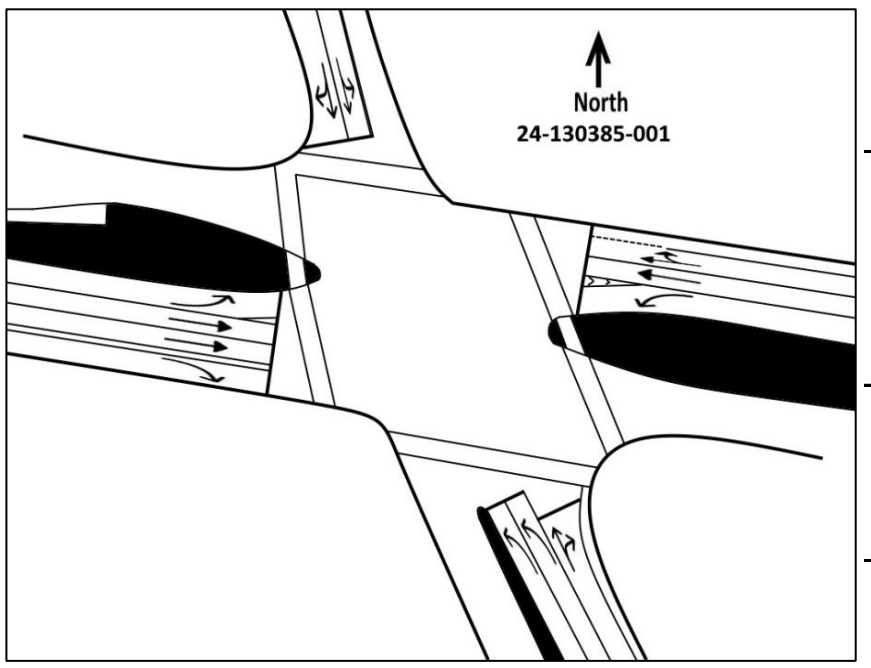
LOCATION: Tuskawilla Rd & SR 436/SR 434/SR419/E Florida 434
CITY/STATE: Winter Springs, FL

PROJECT ID: 24-130385-001
DATE: Thu, Nov 14, 2024

Peak-Hour: 05:00 PM - 06:00 PM
Peak 15-Minute: 05:15 PM - 05:30 PM







15-Min Count Period Beginning At	Tuskawilla Rd Northbound					Tuskawilla Rd Southbound					R 436/SR 434/SR419/E Florida 43 Eastbound					R 436/SR 434/SR419/E Florida 43 Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
4:00 PM	131	24	27	0		34	48	4	0		7	182	99	14		36	220	3	0		829	3884
4:15 PM	114	19	28	0		16	39	10	0		18	239	128	4		38	326	6	1		986	4135
4:30 PM	147	50	25	0		17	31	11	0		12	215	124	10		38	324	4	3		1011	4271
4:45 PM	156	52	16	0		30	51	7	0		15	222	123	16		47	318	4	1		1058	4359
5:00 PM	160	53	23	0		31	32	9	0		12	258	130	3		49	313	6	1		1080	4390
5:15 PM	201	50	43	0		25	41	11	0		17	263	123	12		34	290	12	0		1122	3310
5:30 PM	181	44	35	0		22	44	6	0		20	257	132	12		43	296	7	0		1099	2188
5:45 PM	168	57	32	0		22	35	8	0		17	273	151	7		38	271	10	0		1089	1089
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**						
	Left	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Total**	
All Vehicles	804	228	172	0		124	176	44	0		80	1092	604	48		196	1252	48	4		**4872**	
Heavy Trucks	52	4	4	0		0	0	0	0		0	28	4	0		4	64	0	0		**160**	
Pedestrians		0					32					16					4				**52**	
Bicycles	0	4	0	0		0	0	0	0		0	0	0	0		4	0	0	0		**8**	
Buses																						
Stopped Buses																						

Prepared by National Data & Surveying Services

Roberts Family Ln / Cliff Rose Dr & SR 436 / SR 434 / SR419 / E Florida 434

Peak Hour Turning Movement Count

ID: 24-130385-002
City: Winter Springs

Day: Thursday
Date: 11/14/2024

	PEAK HOURS	COUNT PERIODS
AM	07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NOON	NONE	NONE
PM	05:00 PM - 06:00 PM	4:00 PM - 06:00 PM

SOUTHBOUND — Roberts Family Ln/Cliff Rose Dr

	↲	↓	↳	U	Departing
AM	10	0	0	0	56
NOON	0	0	0	0	0
PM	43	0	0	0	133
	0	0	0	0	

EASTBOUND — SR 436/SR 434/SR419/E Florida 434

	AM	NOON	PM	
Departing	1607	0	1814	
U-turn	5	0	4	0
Left	36	0	66	0
Thru	1263	0	1673	0
Right	9	0	34	0

WESTBOUND — SR 436/SR 434/SR419/E Florida 434

		PM	NOON	AM
Right	0	67	0	20
Thru	0	1767	0	1592
Left	0	81	0	52
U-turn	0	15	0	4
Departing		1733	0	1284

NORTHBOUND — Roberts Family Ln/Cliff Rose Dr

	Departing	U	↰	↑	↱
		0	0	0	0
PM	115	0	0	0	45
NOON	0	0	0	0	0
AM	61	0	0	0	17

CONTROL

2-Way Stop(NB/SB)

	AM	NOON	PM
TEV	3008	0	3795
PHF	0.94		0.99

Cars (AM)

Approach			
SB	10	0	0
EB	36	1220	9
WB	19	1551	52
NB	0	0	17

HT (AM)

Approach			
SB	0	0	0
EB	0	43	0
WB	1	41	0
NB	0	0	0

Cars (NOON)

Approach			
SB	0	0	0
EB	0	0	0
WB	0	0	0
NB	0	0	0

HT (NOON)

Approach			
SB	0	0	0
EB	0	0	0
WB	0	0	0
NB	0	0	0

Cars (PM)

Approach			
SB	43	0	0
EB	66	1651	34
WB	67	1682	81
NB	0	0	45

HT (PM)

Approach			
SB	0	0	0
EB	0	22	0
WB	0	85	0
NB	0	0	0

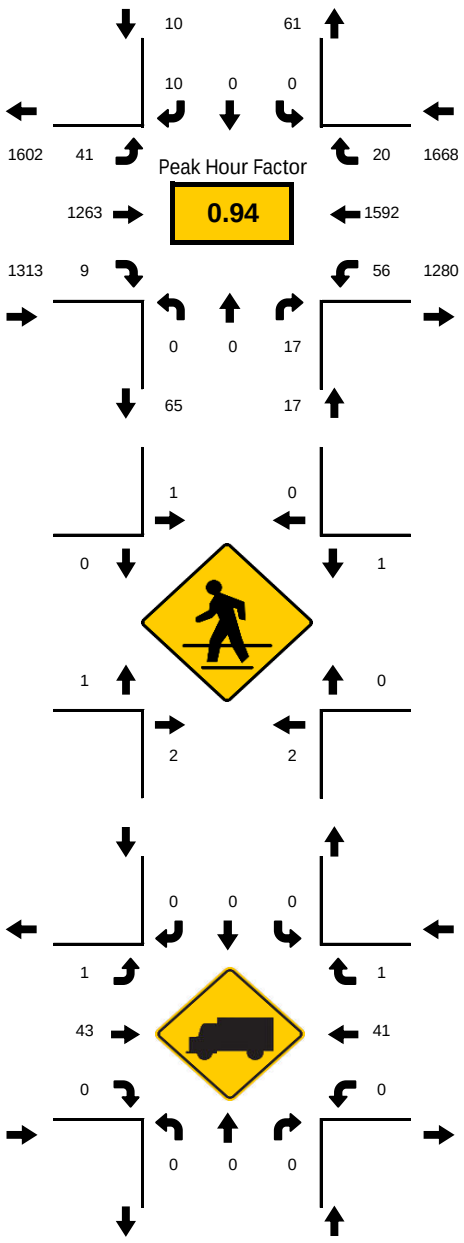
Pedestrians (Crosswalks)

Crosswalk	AM	NOON	PM
North leg (west side)	1	0	0
North leg (east side)	0	0	0
West leg (north side)	0	0	0
West leg (south side)	1	0	0
East leg (north side)	1	0	0
East leg (south side)	0	0	0
South leg (west side)	2	0	1
South leg (east side)	2	0	0
NW diagonal	0	0	0
NE diagonal	0	0	0
SW diagonal	0	0	0
SE diagonal	0	0	0

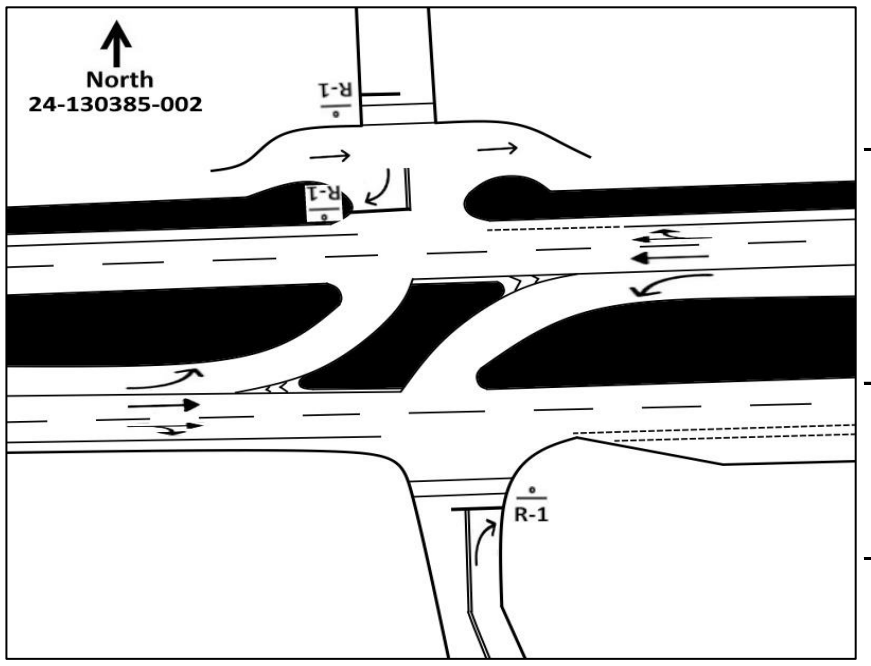
LOCATION: Roberts Family Ln/Cliff Rose Dr & SR 436/SR 434/SR419/E Florida 434
CITY/STATE: Winter Springs, FL

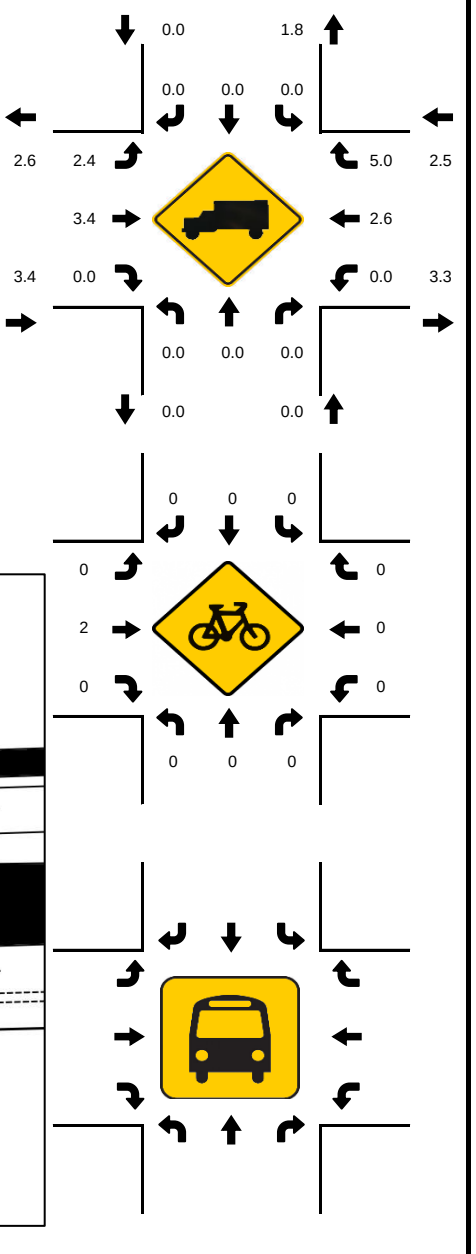
PROJECT ID: 24-130385-002
DATE: Thu, Nov 14, 2024

Peak-Hour: 07:30 AM - 08:30 AM
Peak 15-Minute: 08:15 AM - 08:30 AM



National Data & Surveying Services



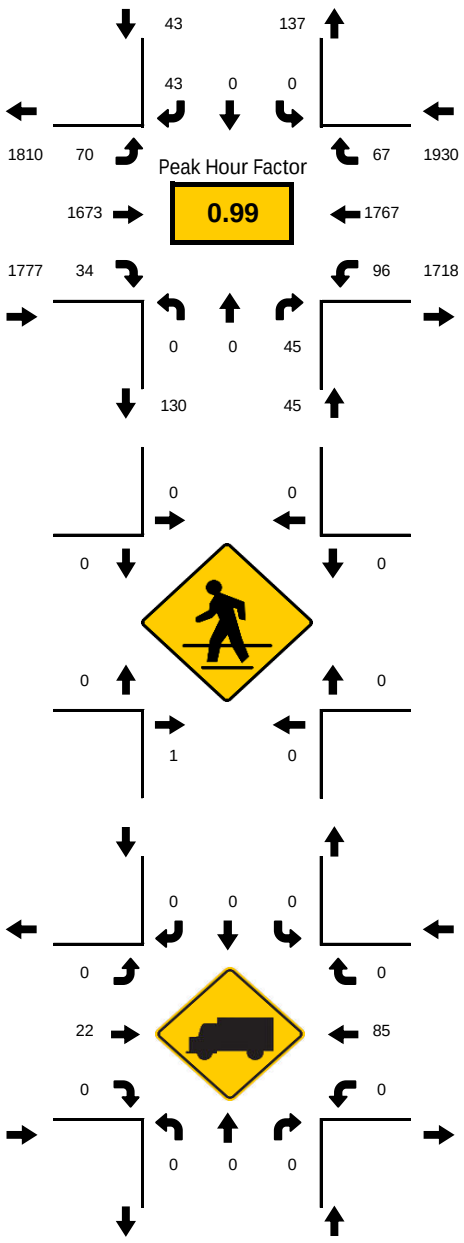


15-Min Count Period Beginning At	Roberts Family Ln/Cliff Rose Dr Northbound					Roberts Family Ln/Cliff Rose Dr Southbound					R 436/SR 434/SR419/E Florida 43 Eastbound					R 436/SR 434/SR419/E Florida 43 Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
7:00 AM	0	0	10	0		0	0	1	0		7	271	4	1		11	359	7	0		671	2868
7:15 AM	0	0	2	0		0	0	0	0		8	318	3	1		7	361	5	3		708	2917
7:30 AM	0	0	4	0		0	0	2	0		5	295	2	1		21	402	3	1		736	3008
7:45 AM	0	0	6	0		0	0	3	0		7	272	3	2		12	435	11	2		753	2970
8:00 AM	0	0	4	0		0	0	1	0		18	340	3	1		11	338	4	0		720	2931
8:15 AM	0	0	3	0		0	0	4	0		6	356	1	1		8	417	2	1		799	2211
8:30 AM	0	0	0	0		0	0	3	0		5	356	3	1		11	309	7	3		698	1412
8:45 AM	0	0	2	0		0	0	3	0		10	382	4	0		23	281	9	0		714	714
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***		
All Vehicles	0	0	24	0		0	0	16	0		72	1424	12	8		84	1740	44	8		**3432**	
Heavy Trucks	0	0	0	0		0	0	0	0		0	68	0	4		0	44	4	0		**116**	
Pedestrians		12					4					4					4				**24**	
Bicycles	0	0	0	0		0	0	0	0		0	8	0	0		0	0	0	0		**8**	
Buses																						
Stopped Buses																						

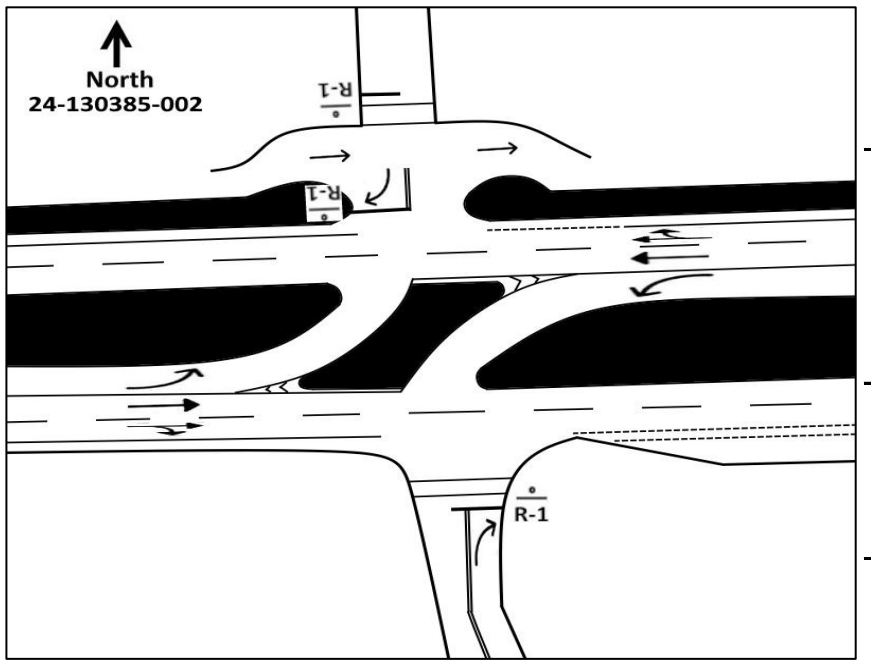
LOCATION: Roberts Family Ln/Cliff Rose Dr & SR 436/SR 434/SR419/E Florida 434
CITY/STATE: Winter Springs, FL

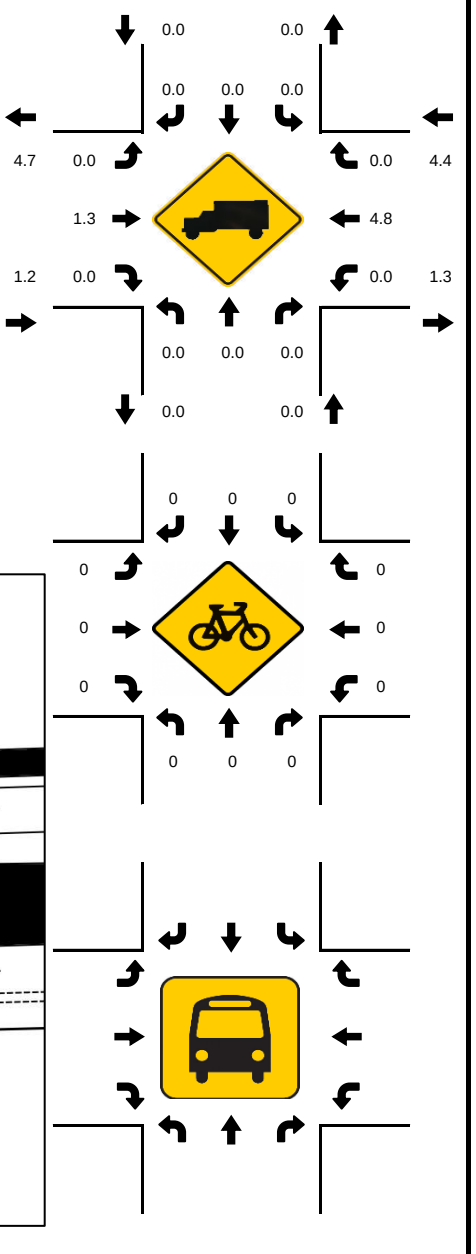
PROJECT ID: 24-130385-002
DATE: Thu, Nov 14, 2024

Peak-Hour: 05:00 PM - 06:00 PM
Peak 15-Minute: 05:15 PM - 05:30 PM


43
137
43 0 0
1810 70
67 1930
Peak Hour Factor
0.99
1673
1767
1777 34
96 1718
0 0 45
130
45
0 0
0 0
0 0
1
0 0 0
0 0
22 85
0 0
0 0 0

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15-Min Count Period Beginning At	Roberts Family Ln/Cliff Rose Dr Northbound					Roberts Family Ln/Cliff Rose Dr Southbound					R 436/SR 434/SR419/E Florida 43 Eastbound					R 436/SR 434/SR419/E Florida 43 Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
4:00 PM	0	0	12	0		0	0	14	0		15	291	6	2		16	326	20	1		703	3365
4:15 PM	0	0	3	0		0	0	10	0		22	376	7	0		12	434	10	4		878	3616
4:30 PM	0	0	9	0		0	0	15	0		15	361	9	3		18	456	10	4		900	3702
4:45 PM	0	0	13	0		0	0	6	0		20	341	2	1		20	459	18	4		884	3757
5:00 PM	0	0	8	0		0	0	11	0		15	426	7	1		20	451	14	1		954	3795
5:15 PM	0	0	13	0		0	0	12	0		15	416	8	0		19	465	11	5		964	2841
5:30 PM	0	0	11	0		0	0	13	0		14	407	10	1		17	455	22	5		955	1877
5:45 PM	0	0	13	0		0	0	7	0		22	424	9	2		25	396	20	4		922	922
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***		
All Vehicles	0	0	52	0		0	0	52	0		88	1704	40	8		100	1860	88	20		**4012**	
Heavy Trucks	0	0	0	0		0	0	0	0		0	36	0	0		0	112	0	0		**148**	
Pedestrians		4					0					0					0				**4**	
Bicycles	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		**0**	
Buses																						
Stopped Buses																						

Prepared by National Data & Surveying Services

Tuskawilla Rd & 180 Shopping Center Dwy / Mobil Dwy

Peak Hour Turning Movement Count

ID: 24-130385-003
City: Winter Springs

Day: Thursday
Date: 11/14/2024

PEAK HOURS
AM: 07:00 AM - 08:00 AM
NOON: NONE
PM: 05:00 PM - 06:00 PM

COUNT PERIODS
AM: 7:00 AM - 09:00 AM
NOON: NONE
PM: 4:00 PM - 06:00 PM

Tuskawilla Rd

SOUTHBOUND

AM	15	643	0	0	867	AM
NOON	0	0	0	0	0	NOON
PM	61	784	0	0	1046	PM

EASTBOUND

AM	NOON	PM	
15	0	61	
0	0	0	0
0	0	0	0
0	0	0	0
53	0	124	0
AM	NOON	PM	

WESTBOUND

PM	NOON	AM	
2	0	9	0
0	0	0	0
0	0	0	0
0	0	0	0
22	0	16	
PM	NOON	AM	

CONTROL
2-Way Stop(EB/WB)

TEV	1594 AM	0 NOON	2037 PM
PHF	0.90		0.98

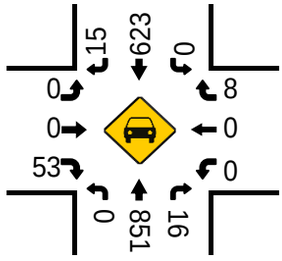
PM	908	0	0	1044	22	PM
NOON	0	0	0	0	0	NOON
AM	696	0	0	858	16	AM

NORTHBOUND

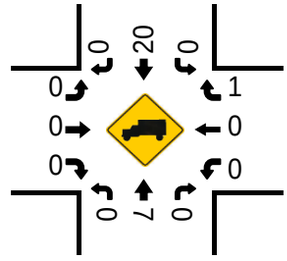
Tuskawilla Rd

180 Shopping Center Dwy/Mobil Dwy (EASTBOUND side)
180 Shopping Center Dwy/Mobil Dwy (WESTBOUND side)

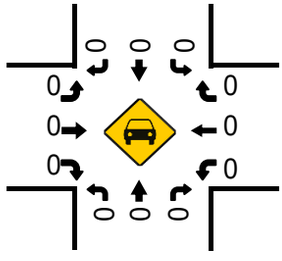
Cars (AM)



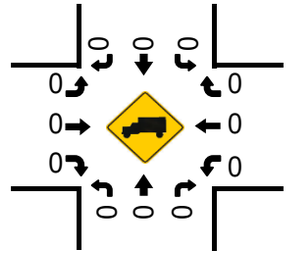
HT (AM)



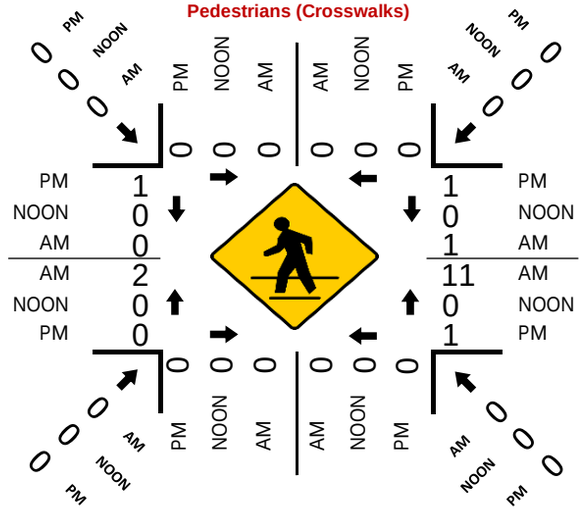
Cars (NOON)



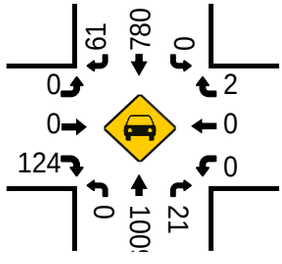
HT (NOON)



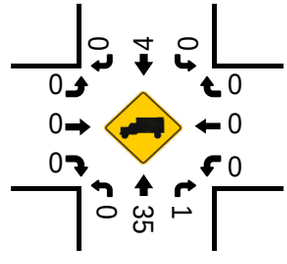
Pedestrians (Crosswalks)



Cars (PM)



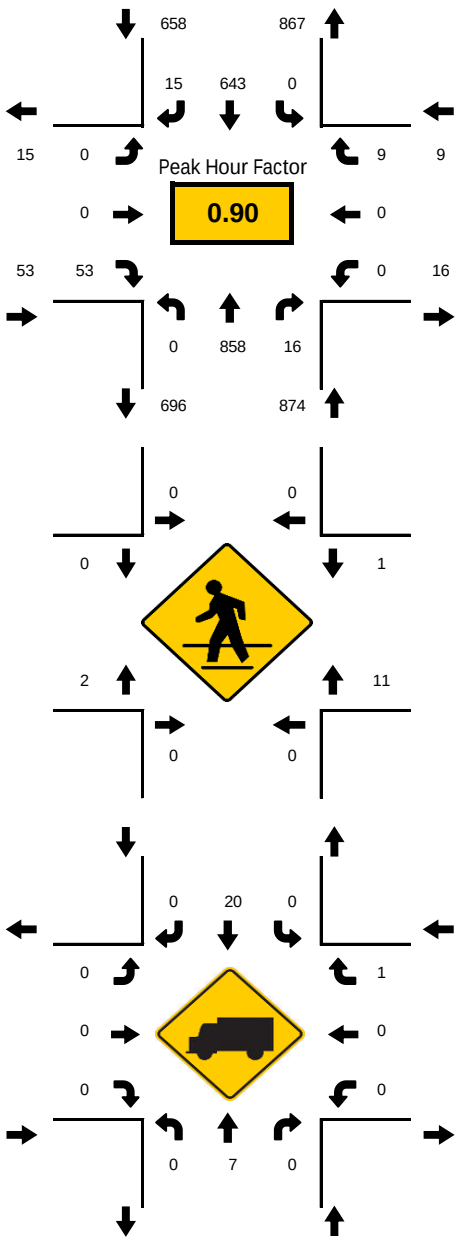
HT (PM)



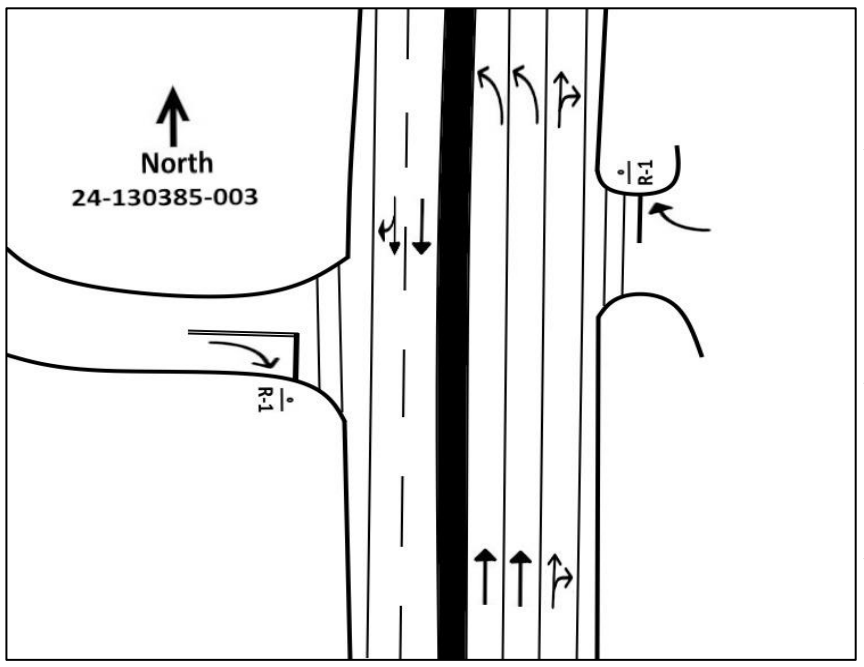
LOCATION: Tuskawilla Rd & 180 Shopping Center Dwy/Mobil Dwy
CITY/STATE: Winter Springs, FL

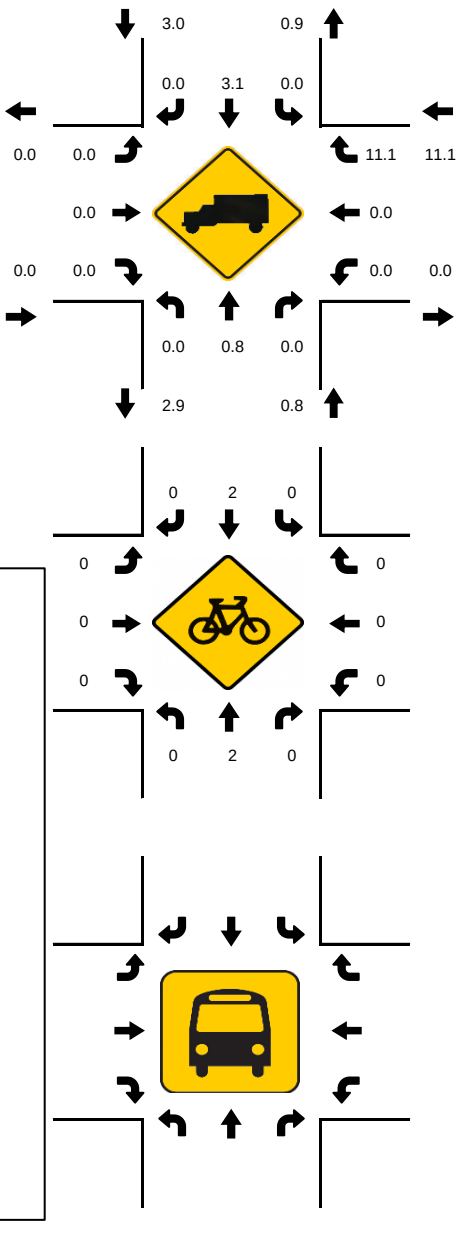
PROJECT ID: 24-130385-003
DATE: Thu, Nov 14, 2024

Peak-Hour: 07:00 AM - 08:00 AM
Peak 15-Minute: 07:00 AM - 07:15 AM



National Data & Surveying Services



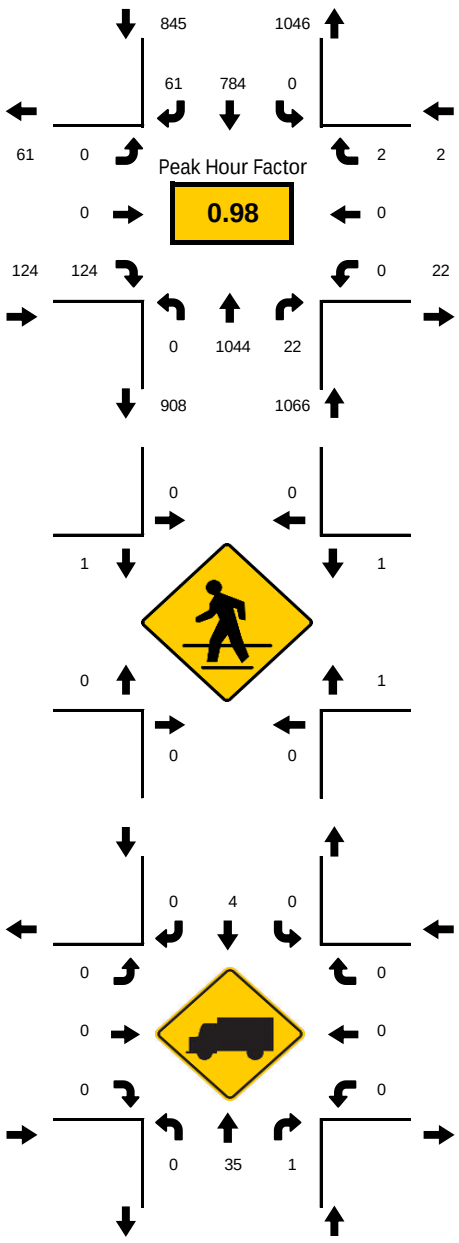


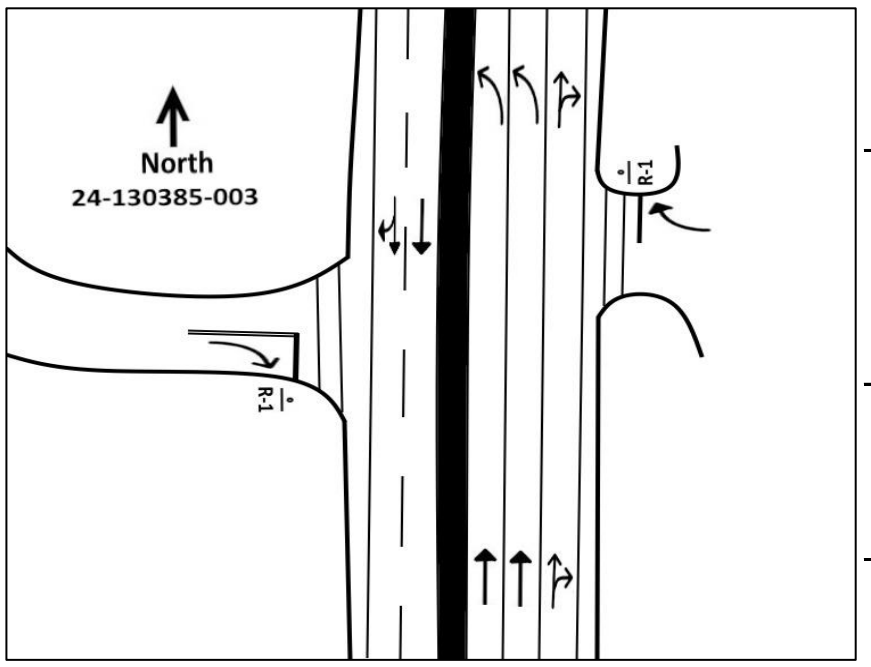
15-Min Count Period Beginning At	Tuskawilla Rd Northbound					Tuskawilla Rd Southbound					0 Shopping Center Dwy/Mobil D Eastbound					0 Shopping Center Dwy/Mobil D Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
7:00 AM	0	242	2	0		0	185	3	0		0	0	11	0		0	0	1	0		444	1594
7:15 AM	0	156	4	0		0	174	3	0		0	0	15	0		0	0	1	0		353	1519
7:30 AM	0	233	8	0		0	157	5	0		0	0	13	0		0	0	3	0		419	1549
7:45 AM	0	227	2	0		0	127	4	0		0	0	14	0		0	0	4	0		378	1484
8:00 AM	0	176	3	0		0	170	8	0		0	0	10	0		0	0	2	0		369	1511
8:15 AM	0	207	1	0		0	163	3	0		0	0	6	0		0	0	3	0		383	1142
8:30 AM	0	160	1	0		0	178	5	0		0	0	9	0		0	0	1	0		354	759
8:45 AM	0	188	3	0		0	191	9	0		0	0	12	0		0	0	2	0		405	405
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
All Vehicles	0	968	32	0		0	740	20	0		0	0	60	0		0	0	16	0		**1836**	
Heavy Trucks	0	12	0	0		0	28	0	0		0	0	0	0		0	0	4	0		**44**	
Pedestrians		0					0					8					44				**52**	
Bicycles	0	8	0	0		0	4	0	0		0	0	0	0		0	0	0	0		**12**	
Buses																						
Stopped Buses																						

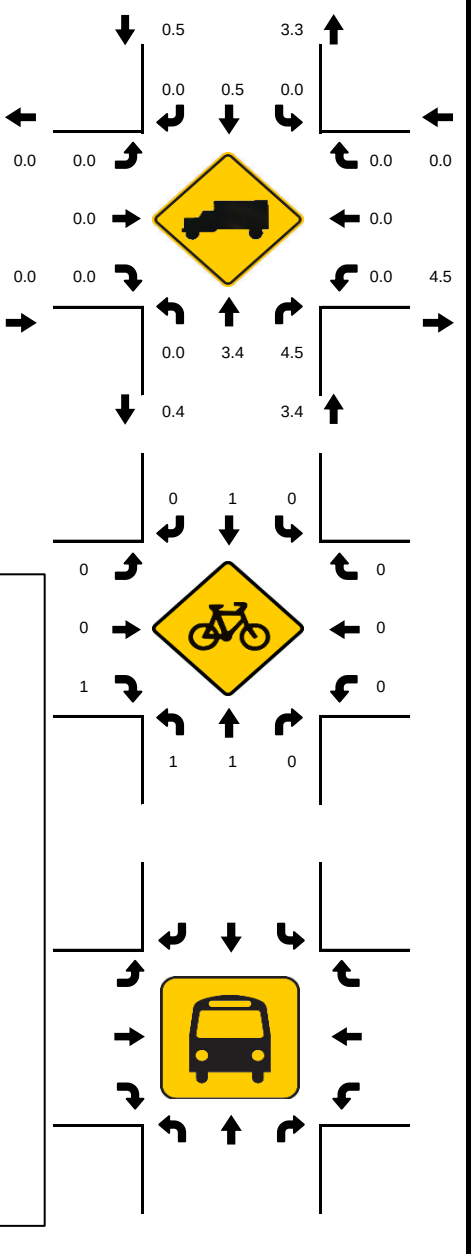
LOCATION: Tuskawilla Rd & 180 Shopping Center Dwy/Mobil Dwy
CITY/STATE: Winter Springs, FL

PROJECT ID: 24-130385-003
DATE: Thu, Nov 14, 2024

Peak-Hour: 05:00 PM - 06:00 PM
Peak 15-Minute: 05:30 PM - 05:45 PM







15-Min Count Period Beginning At	Tuskawilla Rd Northbound					Tuskawilla Rd Southbound					0 Shopping Center Dwy/Mobil D Eastbound					0 Shopping Center Dwy/Mobil D Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
4:00 PM	0	174	4	0		0	174	8	0		0	0	25	0		0	0	2	0		387	1727
4:15 PM	0	164	5	0		0	197	9	0		0	0	33	0		0	0	0	0		408	1826
4:30 PM	0	220	6	0		0	184	9	0		0	0	27	0		0	0	2	0		448	1934
4:45 PM	0	222	5	0		0	206	14	0		0	0	37	0		0	0	0	0		484	2007
5:00 PM	0	240	5	0		0	199	13	0		0	0	28	0		0	0	1	0		486	2037
5:15 PM	0	290	2	0		0	188	10	0		0	0	26	0		0	0	0	0		516	1551
5:30 PM	0	260	10	0		0	198	19	0		0	0	34	0		0	0	0	0		521	1035
5:45 PM	0	254	5	0		0	199	19	0		0	0	36	0		0	0	1	0		514	514
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
All Vehicles	0	1160	40	0		0	796	76	0		0	0	144	0		0	0	4	0		**2220**	
Heavy Trucks	0	60	4	0		0	8	0	0		0	0	0	0		0	0	0	0		**72**	
Pedestrians		0					0					4					4				**8**	
Bicycles	4	4	0	0		0	4	0	0		0	0	4	0		0	0	0	0		**16**	
Buses																						
Stopped Buses																						

Prepared by National Data & Surveying Services

1179 Shopping Center Dwy & SR 436 / SR 434 / SR419 / E Florida 434

Peak Hour Turning Movement Count

ID: 24-130385-004
City: Winter Springs

Day: Thursday
Date: 11/14/2024

PEAK HOURS

AM	08:00 AM - 09:00 AM
NOON	NONE
PM	05:00 PM - 06:00 PM

COUNT PERIODS

AM	7:00 AM - 09:00 AM
NOON	NONE
PM	4:00 PM - 06:00 PM

SOUTHBOUND — 1179 Shopping Center Dwy

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

EASTBOUND — SR 436/SR 434/SR419/E Florida 434

AM	NOON	PM	
0	0	0	⇦
0	0	0	↶ 0
0	0	0	↱ 0
1415	0	1624	→ 0
24	0	101	↷ 0
AM	NOON	PM	

WESTBOUND — SR 436/SR 434/SR419/E Florida 434

PM	NOON	AM	
0	0	0	0 ↰
0	0	0	0 ←
0	0	0	0 ↙
0	0	0	0 ↳
1689	0	1435	⇨
PM	NOON	AM	

CONTROL

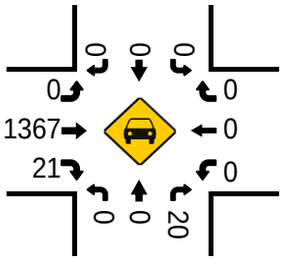
1-Way Stop(NB)

TEV	1459 AM	0 NOON	1790 PM
PHF	0.92		0.96

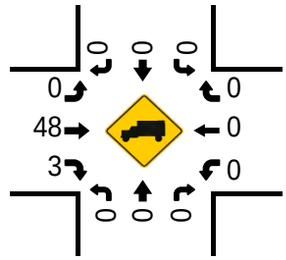
NORTHBOUND — 1179 Shopping Center Dwy

PM	101	0	0	0	65	PM
NOON	0	0	0	0	0	NOON
AM	24	0	0	0	20	AM

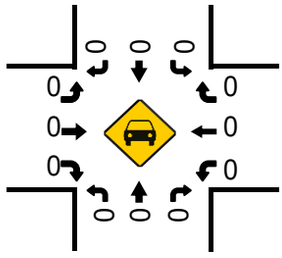
Cars (AM)



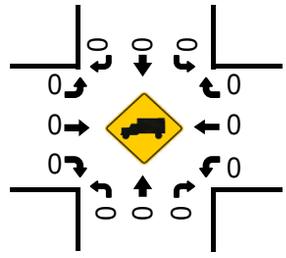
HT (AM)



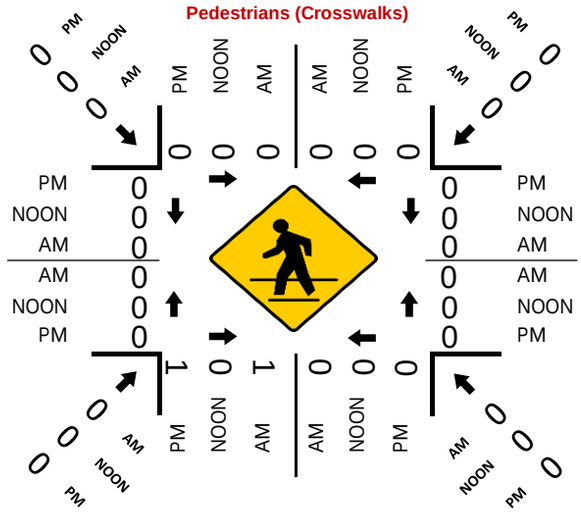
Cars (NOON)



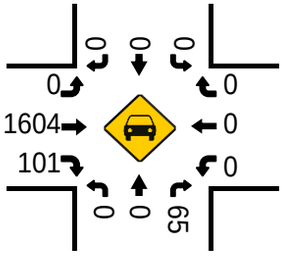
HT (NOON)



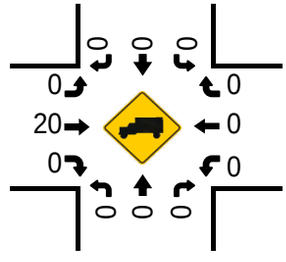
Pedestrians (Crosswalks)



Cars (PM)



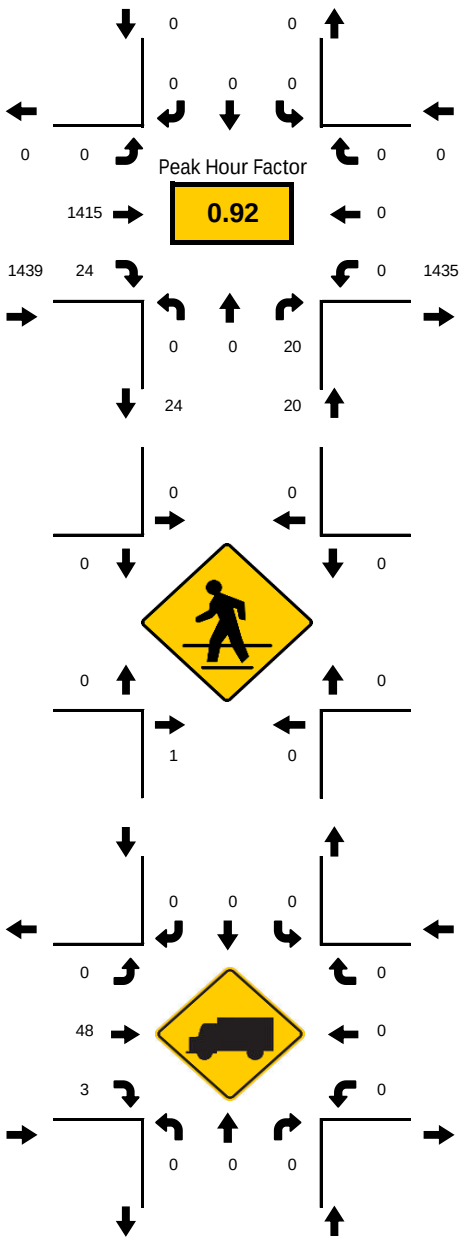
HT (PM)



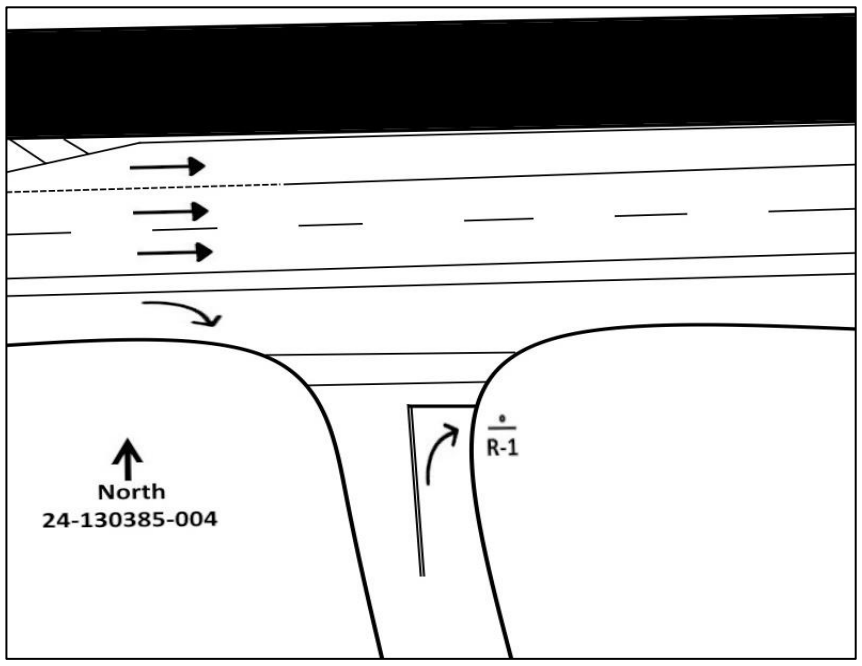
LOCATION: 1179 Shopping Center Dwy & SR 436/SR 434/SR419/E Florida 434
CITY/STATE: Winter Springs, FL

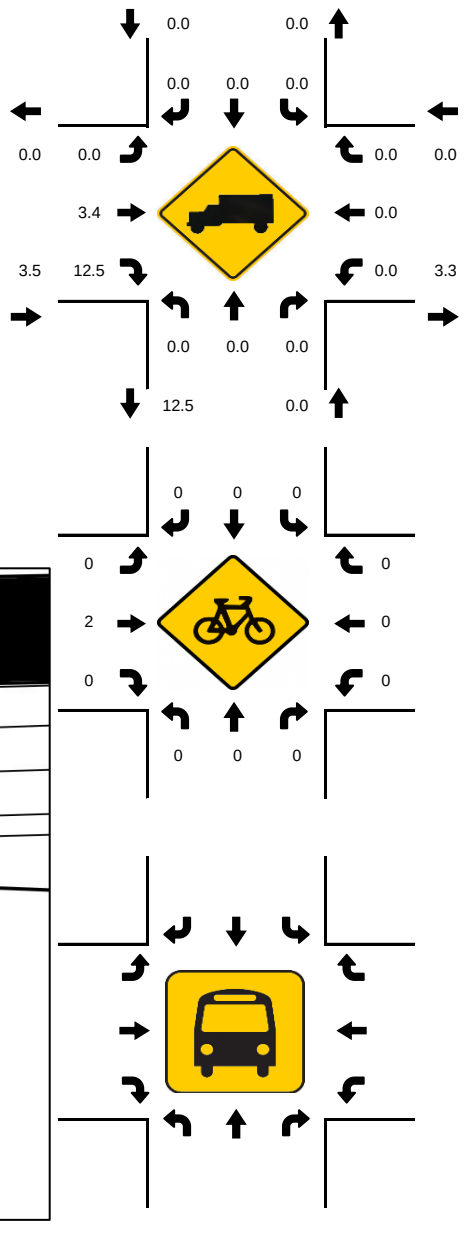
PROJECT ID: 24-130385-004
DATE: Thu, Nov 14, 2024

Peak-Hour: 08:00 AM - 09:00 AM
Peak 15-Minute: 08:45 AM - 09:00 AM



National Data & Surveying Services



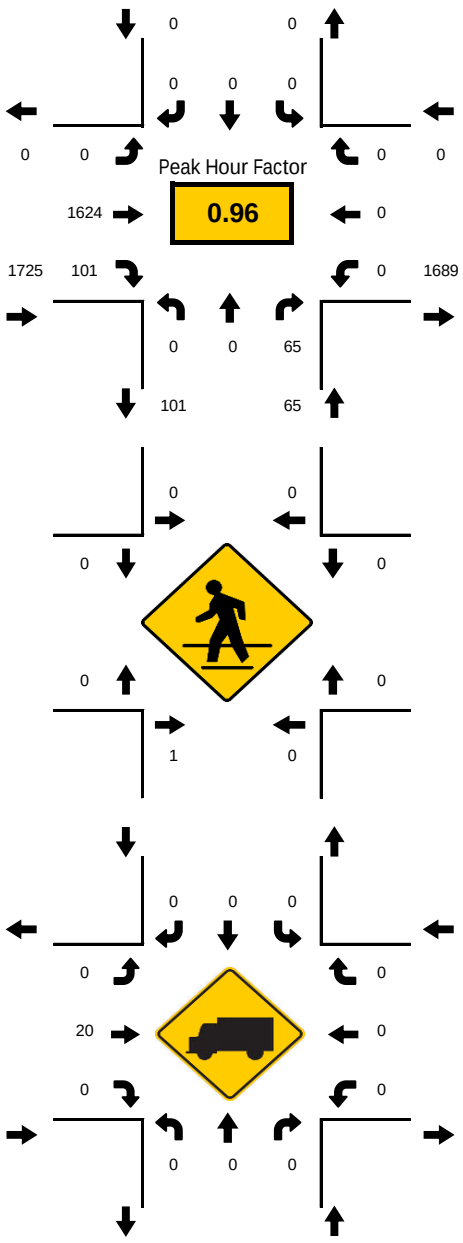


15-Min Count Period Beginning At	1179 Shopping Center Dwy Northbound					1179 Shopping Center Dwy Southbound					R 436/SR 434/SR419/E Florida 43 Eastbound					R 436/SR 434/SR419/E Florida 43 Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
7:00 AM	0	0	6	0		0	0	0	0		0	278	6	0		0	0	0	0		290	1202
7:15 AM	0	0	3	0		0	0	0	0		0	310	3	0		0	0	0	0		316	1262
7:30 AM	0	0	5	0		0	0	0	0		0	303	3	0		0	0	0	0		311	1311
7:45 AM	0	0	3	0		0	0	0	0		0	276	6	0		0	0	0	0		285	1349
8:00 AM	0	0	4	0		0	0	0	0		0	343	3	0		0	0	0	0		350	1459
8:15 AM	0	0	5	0		0	0	0	0		0	356	4	0		0	0	0	0		365	1109
8:30 AM	0	0	4	0		0	0	0	0		0	334	11	0		0	0	0	0		349	744
8:45 AM	0	0	7	0		0	0	0	0		0	382	6	0		0	0	0	0		395	395
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***		
All Vehicles	0	0	28	0		0	0	0	0		0	1528	44	0		0	0	0	0		**1600**	
Heavy Trucks	0	0	0	0		0	0	0	0		0	68	12	0		0	0	0	0		**80**	
Pedestrians		4					0					0					0				**4**	
Bicycles	0	0	0	0		0	0	0	0		0	4	0	0		0	0	0	0		**4**	
Buses																						
Stopped Buses																						

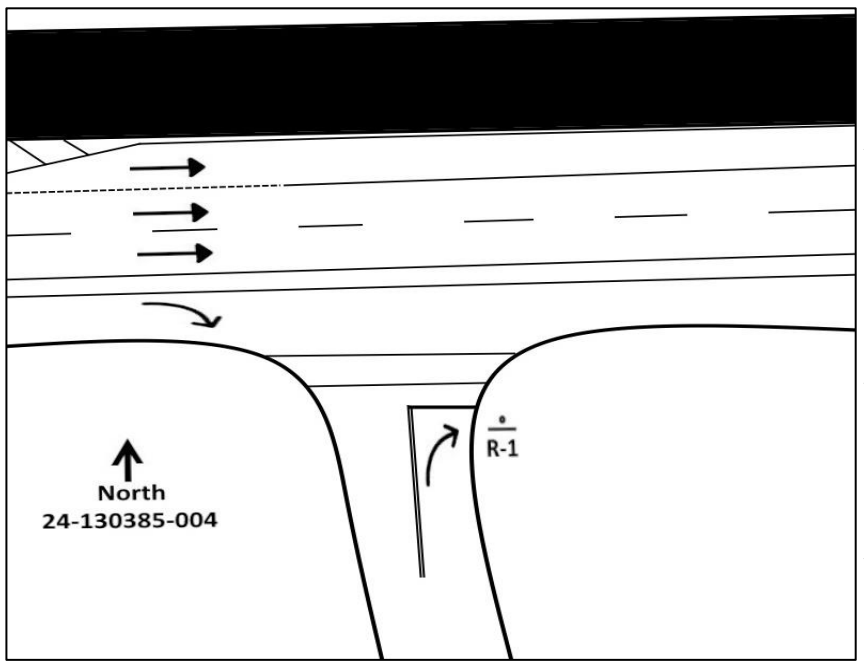
LOCATION: 1179 Shopping Center Dwy & SR 436/SR 434/SR419/E Florida 434
CITY/STATE: Winter Springs, FL

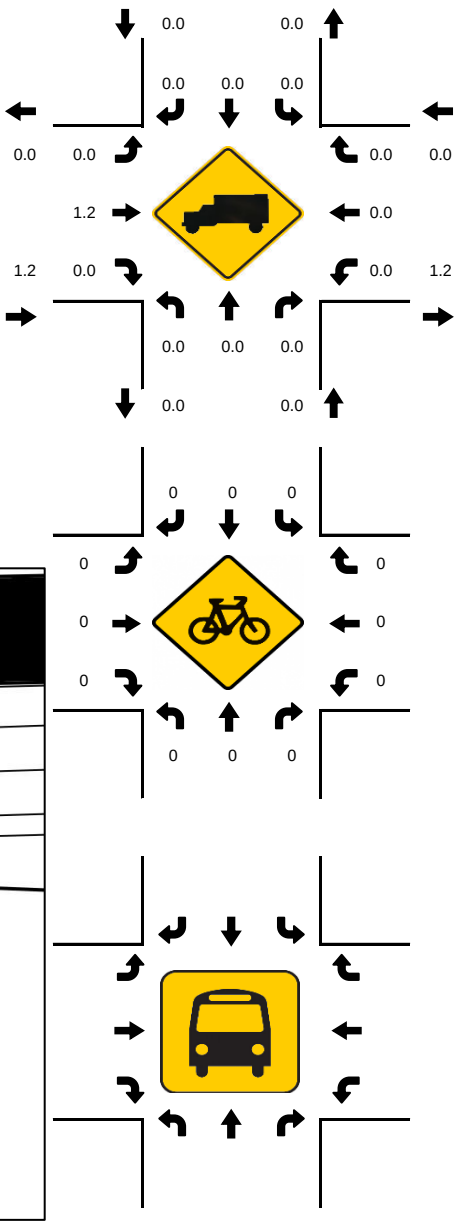
PROJECT ID: 24-130385-004
DATE: Thu, Nov 14, 2024

Peak-Hour: 05:00 PM - 06:00 PM
Peak 15-Minute: 05:45 PM - 06:00 PM



National Data & Surveying Services





15-Min Count Period Beginning At	1179 Shopping Center Dwy Northbound					1179 Shopping Center Dwy Southbound					R 436/SR 434/SR419/E Florida 43 Eastbound					R 436/SR 434/SR419/E Florida 43 Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
4:00 PM	0	0	18	0		0	0	0	0		0	300	13	0		0	0	0	0		331	1502
4:15 PM	0	0	13	0		0	0	0	0		0	362	22	0		0	0	0	0		397	1613
4:30 PM	0	0	14	0		0	0	0	0		0	351	24	0		0	0	0	0		389	1666
4:45 PM	0	0	27	0		0	0	0	0		0	342	16	0		0	0	0	0		385	1710
5:00 PM	0	0	11	0		0	0	0	0		0	409	22	0		0	0	0	0		442	1790
5:15 PM	0	0	12	0		0	0	0	0		0	407	31	0		0	0	0	0		450	1348
5:30 PM	0	0	20	0		0	0	0	0		0	386	27	0		0	0	0	0		433	898
5:45 PM	0	0	22	0		0	0	0	0		0	422	21	0		0	0	0	0		465	465
Peak 15-Min Flowrates	**Northbound**					**Southbound**					**Eastbound**					**Westbound**					**Total**	
	Left	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***	**Left**	**Thru**	**Rgt**	**U**	**R***		
All Vehicles	0	0	88	0		0	0	0	0		0	1688	124	0		0	0	0	0		**1900**	
Heavy Trucks	0	0	0	0		0	0	0	0		0	28	0	0		0	0	0	0		**28**	
Pedestrians		4					0					0					0				**4**	
Bicycles	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		**0**	
Buses																						
Stopped Buses																						

APPENDIX D
FDOT's Florida Traffic Online (FTO) Data

2023 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
CATEGORY: 7700 SEMINOLE COUNTYWIDE

WEEK	DATES	SF	MOCF: 0.97 PSCF
1	01/01/2023 - 01/07/2023	1.05	1.08
2	01/08/2023 - 01/14/2023	1.04	1.07
3	01/15/2023 - 01/21/2023	1.02	1.05
4	01/22/2023 - 01/28/2023	1.01	1.04
5	01/29/2023 - 02/04/2023	0.99	1.02
6	02/05/2023 - 02/11/2023	0.98	1.01
* 7	02/12/2023 - 02/18/2023	0.96	0.99
* 8	02/19/2023 - 02/25/2023	0.96	0.99
* 9	02/26/2023 - 03/04/2023	0.96	0.99
*10	03/05/2023 - 03/11/2023	0.95	0.98
*11	03/12/2023 - 03/18/2023	0.95	0.98
*12	03/19/2023 - 03/25/2023	0.96	0.99
*13	03/26/2023 - 04/01/2023	0.97	1.00
*14	04/02/2023 - 04/08/2023	0.97	1.00
*15	04/09/2023 - 04/15/2023	0.98	1.01
*16	04/16/2023 - 04/22/2023	0.98	1.01
*17	04/23/2023 - 04/29/2023	0.98	1.01
*18	04/30/2023 - 05/06/2023	0.97	1.00
*19	05/07/2023 - 05/13/2023	0.97	1.00
20	05/14/2023 - 05/20/2023	0.97	1.00
21	05/21/2023 - 05/27/2023	0.98	1.01
22	05/28/2023 - 06/03/2023	0.99	1.02
23	06/04/2023 - 06/10/2023	1.00	1.03
24	06/11/2023 - 06/17/2023	1.01	1.04
25	06/18/2023 - 06/24/2023	1.01	1.04
26	06/25/2023 - 07/01/2023	1.02	1.05
27	07/02/2023 - 07/08/2023	1.02	1.05
28	07/09/2023 - 07/15/2023	1.02	1.05
29	07/16/2023 - 07/22/2023	1.02	1.05
30	07/23/2023 - 07/29/2023	1.03	1.06
31	07/30/2023 - 08/05/2023	1.03	1.06
32	08/06/2023 - 08/12/2023	1.04	1.07
33	08/13/2023 - 08/19/2023	1.04	1.07
34	08/20/2023 - 08/26/2023	1.04	1.07
35	08/27/2023 - 09/02/2023	1.04	1.07
36	09/03/2023 - 09/09/2023	1.03	1.06
37	09/10/2023 - 09/16/2023	1.03	1.06
38	09/17/2023 - 09/23/2023	1.02	1.05
39	09/24/2023 - 09/30/2023	1.01	1.04
40	10/01/2023 - 10/07/2023	1.01	1.04
41	10/08/2023 - 10/14/2023	1.00	1.03
42	10/15/2023 - 10/21/2023	0.99	1.02
43	10/22/2023 - 10/28/2023	1.00	1.03
44	10/29/2023 - 11/04/2023	1.01	1.04
45	11/05/2023 - 11/11/2023	1.02	1.05
46	11/12/2023 - 11/18/2023	1.03	1.06
47	11/19/2023 - 11/25/2023	1.04	1.07
48	11/26/2023 - 12/02/2023	1.04	1.07
49	12/03/2023 - 12/09/2023	1.05	1.08
50	12/10/2023 - 12/16/2023	1.05	1.08
51	12/17/2023 - 12/23/2023	1.04	1.07
52	12/24/2023 - 12/30/2023	1.03	1.06
53	12/31/2023 - 12/31/2023	1.02	1.05

* PEAK SEASON

09-MAR-2024 18:41:41 830UPD 5_7700_PKSEASON.TXT

APPENDIX E
Turning Movement Volume Worksheets

Intersection Development Worksheet

Kimley»Horn
Expect More. Experience Better.

Intersection #:	1		*Existing Year:*	2024	*TMC Year:* 2024
Major Street:	SR 434	E/W	*Opening Year:*	2026	
Minor Street:	Tuskawilla Rd	N/S	*Design Year:*		
			Seasonal Factor:	1.03	
			Buildout Year Growth Rate:	2.00%	
PHF:	0.96		*Design Year Growth Rate:*		

AM Peak Hour Trips: IN = 37 OUT = 36
AM Peak Hour Pass-by Trips: IN = 109 OUT = 109

Weekday AM Peak Hour	Tuskawilla Rd								SR 434							
	Northbound				Southbound				Eastbound				Westbound			
7:30 AM - 8:30 AM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	577	90	165	0	46	88	40	11	40	848	396	10	153	1,019	21
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	1%	2%	1%	0%	2%	0%	3%	0%	3%	4%	2%	0%	2%	4%	0%
Peak Hour Factor	0.00	0.84	0.83	0.83	0.00	0.77	0.73	0.67	0.55	0.67	0.91	0.87	0.83	0.77	0.93	0.66
Existing (2024)	**0**	**594**	**93**	**170**	**0**	**47**	**91**	**41**	**11**	**41**	**873**	**408**	**10**	**158**	**1,050**	**22**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**618**	**97**	**177**	**0**	**49**	**95**	**43**	**11**	**43**	**908**	**424**	**10**	**164**	**1,092**	**23**
Project Assignment																
Ingress	15%	15%					5%							25%	5%	
Egress									35%	5%	30%					
Project Trips	5	6	0	0	0	0	2	0	13	2	11	0	0	9	2	0
Pass-By Trips?		Yes							Yes					Yes	Yes	
Project Assignment																
Ingress														25%	-25%	
Egress		12%							38%							
Pass-By Trips	0	13	0	0	0	0	0	0	41	0	0	0	0	28	-28	0
Buildout (2026)	**5**	**637**	**97**	**177**	**0**	**49**	**97**	**43**	**65**	**45**	**919**	**424**	**10**	**201**	**1,066**	**23**

PHF:	0.98				

PM Peak Hour Trips: IN = 31 OUT = 29
PM Peak Hour Pass-by Trips: IN = 93 OUT = 93

Weekday PM Peak Hour	Tuskawilla Rd								SR 434							
	Northbound				Southbound				Eastbound				Westbound			
5:00 PM - 6:00 PM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	710	204	133	0	100	152	34	34	66	1,051	536	1	164	1,170	35
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	5%	0%	1%	0%	0%	0%	0%	0%	0%	2%	1%	0%	1%	4%	0%
Peak Hour Factor	0.00	0.88	0.89	0.77	0.00	0.81	0.86	0.77	0.71	0.83	0.96	0.89	0.25	0.84	0.93	0.73
Existing (2024)	**0**	**731**	**210**	**137**	**0**	**103**	**157**	**35**	**35**	**68**	**1,083**	**552**	**1**	**169**	**1,205**	**36**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**760**	**218**	**142**	**0**	**107**	**163**	**36**	**36**	**71**	**1,126**	**574**	**1**	**176**	**1,253**	**37**
Project Assignment																
Ingress	15%	15%					5%							25%	5%	
Egress									35%	5%	30%					
Project Trips	5	5	0	0	0	0	1	0	10	1	9	0	0	8	1	0
Pass-By Trips?		Yes							Yes					Yes	Yes	
Project Assignment																
Ingress														25%	-25%	
Egress		12%							38%							
Pass-By Trips	0	11	0	0	0	0	0	0	35	0	0	0	0	24	-24	0
Buildout (2026)	**5**	**776**	**218**	**142**	**0**	**107**	**164**	**36**	**81**	**72**	**1,135**	**574**	**1**	**208**	**1,230**	**37**

Intersection Development Worksheet

Kimley»Horn
Expect More. Experience Better.

Intersection #:	2	*Existing Year:*	2024	*TMC Year:*	2024
Major Street:	SR 434 E/W	*Opening Year:*	2026		
Minor Street:	Roberts Family Ln N/S	*Design Year:*			
		Seasonal Factor:	1.03		
		Buildout Year Growth Rate:	2.00%	*AM Peak Hour Trips:*	IN = 37 OUT = 36
PHF:	0.94	*Design Year Growth Rate:*		*AM Peak Hour Pass-by Trips:*	IN = 109 OUT = 109

Weekday AM Peak Hour	Roberts Family Ln								SR 434							
	Northbound				Southbound				Eastbound				Westbound			
7:30 AM - 8:30 AM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	0	0	17	0	0	0	10	5	36	1,263	9	4	52	1,592	20
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	3%	0%
Peak Hour Factor	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.63	0.63	0.50	0.89	0.75	0.50	0.62	0.91	0.45
Existing (2024)	**0**	**0**	**0**	**18**	**0**	**0**	**0**	**10**	**5**	**37**	**1,301**	**9**	**4**	**54**	**1,640**	**21**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**0**	**0**	**19**	**0**	**0**	**0**	**10**	**5**	**38**	**1,353**	**9**	**4**	**56**	**1,706**	**22**
Project Assignment																
Ingress											30%	5%	15%	5%		
Egress				10%											35%	
Project Trips	0	0	0	4	0	0	0	0	0	0	11	2	6	2	13	0
Pass-By Trips?				Yes							Yes	Yes	Yes	Yes	Yes	
Project Assignment																
Ingress											-25%	25%	13%	12%	-50%	
Egress				38%												
Pass-By Trips	0	0	0	41	0	0	0	0	0	0	-27	27	14	13	-55	0
Buildout (2026)	**0**	**0**	**0**	**64**	**0**	**0**	**0**	**10**	**5**	**38**	**1,337**	**38**	**24**	**71**	**1,664**	**22**

				PM Peak Hour Trips:	IN = 31 OUT = 29
PHF:	0.99			*PM Peak Hour Pass-by Trips:*	IN = 93 OUT = 93

Weekday PM Peak Hour	Roberts Family Ln								SR 434							
	Northbound				Southbound				Eastbound				Westbound			
5:00 PM - 6:00 PM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	0	0	45	0	0	0	4	4	66	1,673	34	15	81	1,767	67
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%
Peak Hour Factor	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.33	0.50	0.75	0.98	0.85	0.75	0.81	0.95	0.76
Existing (2024)	**0**	**0**	**0**	**46**	**0**	**0**	**0**	**4**	**4**	**68**	**1,723**	**35**	**15**	**83**	**1,820**	**69**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**0**	**0**	**48**	**0**	**0**	**0**	**4**	**4**	**71**	**1,792**	**36**	**16**	**86**	**1,893**	**72**
Project Assignment																
Ingress											30%	5%	15%	5%		
Egress				10%											35%	
Project Trips	0	0	0	3	0	0	0	0	0	0	9	2	5	1	10	0
Pass-By Trips?				Yes							Yes	Yes	Yes	Yes	Yes	
Project Assignment																
Ingress											-25%	25%	13%	12%	-50%	
Egress				38%												
Pass-By Trips	0	0	0	35	0	0	0	0	0	0	-23	23	12	11	-47	0
Buildout (2026)	**0**	**0**	**0**	**86**	**0**	**0**	**0**	**4**	**4**	**71**	**1,778**	**61**	**33**	**98**	**1,856**	**72**

Intersection Development Worksheet

Kimley»Horn
Expect More. Experience Better.

Intersection #:	3		*Existing Year:*	2024	*TMC Year:* 2024
Major Street:	Tuskawilla Rd	E/W	*Opening Year:*	2026	
Minor Street:	Project Driveway	N/S	*Design Year:*		
			Seasonal Factor:	1.03	
			Buildout Year Growth Rate:	2.00%	*AM Peak Hour Trips:* IN = 37 OUT = 36
PHF:	0.90		*Design Year Growth Rate:*		*AM Peak Hour Pass-by Trips:* IN = 109 OUT = 109

Weekday AM Peak Hour	Project Driveway								Tuskawilla Rd							
	Northbound				Southbound				Eastbound				Westbound			
7:00 Am - 8:00 AM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	0	858	16	0	0	643	15	0	0	0	53	0	0	0	9
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	0%	1%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	11%
Peak Hour Factor	0.00	0.00	0.89	0.50	0.00	0.00	0.87	0.75	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.56
Existing (2024)	**0**	**0**	**884**	**16**	**0**	**0**	**662**	**15**	**0**	**0**	**0**	**55**	**0**	**0**	**0**	**9**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**0**	**919**	**17**	**0**	**0**	**688**	**16**	**0**	**0**	**0**	**57**	**0**	**0**	**0**	**9**
Project Assignment																
Ingress			30%					45%								
Egress												30%				
Project Trips	0	0	11	0	0	0	0	16	0	0	0	10	0	0	0	0
Pass-By Trips?			Yes					Yes				Yes				
Project Assignment																
Ingress								25%								
Egress			12%									12%				
Pass-By Trips	0	0	13	0	0	0	0	28	0	0	0	13	0	0	0	0
Buildout (2026)	**0**	**0**	**943**	**17**	**0**	**0**	**688**	**60**	**0**	**0**	**0**	**80**	**0**	**0**	**0**	**9**

					PM Peak Hour Trips: IN = 31 OUT = 29
PHF:	0.98				*PM Peak Hour Pass-by Trips:* IN = 93 OUT = 93

Weekday PM Peak Hour	Project Driveway								Tuskawilla Rd							
	Northbound				Southbound				Eastbound				Westbound			
5:00 PM - 6:00 PM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	0	1,044	22	0	0	784	61	0	0	0	124	0	0	0	2
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	0%	3%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Peak Hour Factor	0.00	0.00	0.90	0.55	0.00	0.00	0.98	0.80	0.00	0.00	0.00	0.86	0.00	0.00	0.00	0.50
Existing (2024)	**0**	**0**	**1,075**	**23**	**0**	**0**	**808**	**63**	**0**	**0**	**0**	**128**	**0**	**0**	**0**	**2**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**0**	**1,118**	**24**	**0**	**0**	**840**	**66**	**0**	**0**	**0**	**133**	**0**	**0**	**0**	**2**
Project Assignment																
Ingress			30%					45%								
Egress												30%				
Project Trips	0	0	9	0	0	0	0	14	0	0	0	9	0	0	0	0
Pass-By Trips?			Yes					Yes				Yes				
Project Assignment																
Ingress								25%								
Egress			12%									12%				
Pass-By Trips	0	0	11	0	0	0	0	24	0	0	0	11	0	0	0	0
Buildout (2026)	**0**	**0**	**1,138**	**24**	**0**	**0**	**840**	**104**	**0**	**0**	**0**	**153**	**0**	**0**	**0**	**2**

Intersection Development Worksheet

Kimley»Horn
Expect More. Experience Better.

Intersection #:	4		*Existing Year:*	2024	*TMC Year:* 2024
Major Street:	SR 434	E/W	*Opening Year:*	2026	
Minor Street:	Project Driveway	N/S	*Design Year:*		
			Seasonal Factor:	1.03	
			Buildout Year Growth Rate:	2.00%	
PHF:	0.92		*Design Year Growth Rate:*		

AM Peak Hour Trips: IN = 37 OUT = 36
AM Peak Hour Pass-by Trips: IN = 109 OUT = 109

Weekday AM Peak Hour	Project Driveway								SR 434							
	Northbound				Southbound				Eastbound				Westbound			
8:00 Am - 9:00 AM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	0	0	20	0	0	0	0	0	0	1,415	24	0	0	0	0
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	13%	0%	0%	0%	0%
Peak Hour Factor	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.55	0.00	0.00	0.00	0.00
Existing (2024)	**0**	**0**	**0**	**21**	**0**	**0**	**0**	**0**	**0**	**0**	**1,457**	**25**	**0**	**0**	**0**	**0**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**0**	**0**	**22**	**0**	**0**	**0**	**0**	**0**	**0**	**1,515**	**26**	**0**	**0**	**0**	**0**
Project Assignment																
Ingress												45%			20%	
Egress				60%							10%				35%	
Project Trips	0	0	0	22	0	0	0	0	0	0	4	17	0	0	21	0
Pass-By Trips?				Yes							Yes	Yes				
Project Assignment																
Ingress											-50%	38%				
Egress				50%							38%					
Pass-By Trips	0	0	0	55	0	0	0	0	0	0	-13	41	0	0	0	0
Buildout (2026)	**0**	**0**	**0**	**99**	**0**	**0**	**0**	**0**	**0**	**0**	**1,506**	**84**	**0**	**0**	**21**	**0**

PHF:	0.96		*PM Peak Hour Trips:*	IN = 31	OUT = 29
			PM Peak Hour Pass-by Trips:	IN = 93	OUT = 93

Weekday PM Peak Hour	Project Driveway								SR 434							
	Northbound				Southbound				Eastbound				Westbound			
5:00 PM - 6:00 PM	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
TMC (2024)	0	0	0	65	0	0	0	0	0	0	1,624	101	0	0	0	0
Seasonal Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Heavy Vehicle (%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Peak Hour Factor	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.81	0.00	0.00	0.00	0.00
Existing (2024)	**0**	**0**	**0**	**67**	**0**	**0**	**0**	**0**	**0**	**0**	**1,673**	**104**	**0**	**0**	**0**	**0**
Growth Factor (Linear)	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Background (2026)	**0**	**0**	**0**	**70**	**0**	**0**	**0**	**0**	**0**	**0**	**1,740**	**108**	**0**	**0**	**0**	**0**
Project Assignment																
Ingress												45%			20%	
Egress				60%							10%				35%	
Project Trips	0	0	0	17	0	0	0	0	0	0	3	14	0	0	16	0
Pass-By Trips?				Yes							Yes	Yes				
Project Assignment																
Ingress											-50%	38%				
Egress				50%							38%					
Pass-By Trips	0	0	0	47	0	0	0	0	0	0	-11	35	0	0	0	0
Buildout (2026)	**0**	**0**	**0**	**134**	**0**	**0**	**0**	**0**	**0**	**0**	**1,732**	**157**	**0**	**0**	**16**	**0**

APPENDIX F
Synchro Outputs

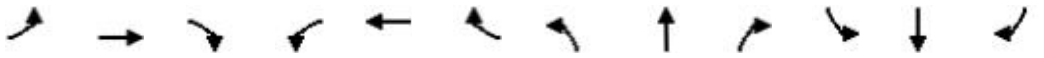
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	52	873	408	168	1050	594	93	47	91
Future Volume (vph)	52	873	408	168	1050	594	93	47	91
Turn Type	Prot	NA	pt+ov	Prot	NA	Split	NA	Split	NA
Protected Phases	5	2	2 8	1	6	8	8	4	4
Permitted Phases									
Detector Phase	5	2	2 8	1	6	8	8	4	4
Switch Phase									
Minimum Initial (s)	6.0	15.0		6.0	15.0	6.0	6.0	6.0	6.0
Minimum Split (s)	13.8	22.8		13.8	22.8	14.9	14.9	13.3	13.3
Total Split (s)	18.0	66.0		29.0	77.0	57.0	57.0	28.0	28.0
Total Split (%)	10.0%	36.7%		16.1%	42.8%	31.7%	31.7%	15.6%	15.6%
Yellow Time (s)	4.9	4.9		4.9	4.9	4.8	4.8	3.4	3.4
All-Red Time (s)	2.9	2.9		2.9	2.9	4.1	4.1	3.9	3.9
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.8	7.8		7.8	7.8	8.9	8.9	7.3	7.3
Lead/Lag	Lead	Lag		Lead	Lag				
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				
Recall Mode	None	C-Min		None	C-Min	None	None	None	None

Intersection Summary

Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 90
Control Type: Actuated-Coordinated

Splits and Phases: 1: Tuskawilla Rd & SR 434





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	52	873	408	168	1050	22	594	93	170	47	91	41
Future Volume (veh/h)	52	873	408	168	1050	22	594	93	170	47	91	41
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1826	1870	1870	1841	1870	1870	1870	1870	1870	1870	1856
Adj Flow Rate, veh/h	54	909	425	175	1094	23	619	97	177	49	95	43
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	5	2	2	4	2	2	2	2	2	2	3
Cap, veh/h	68	1427	989	194	1686	35	735	126	230	161	110	50
Arrive On Green	0.04	0.41	0.41	0.11	0.48	0.48	0.21	0.21	0.21	0.09	0.09	0.09
Sat Flow, veh/h	1767	3469	1585	1781	3503	74	3456	593	1082	1781	1219	552
Grp Volume(v), veh/h	54	909	425	175	546	571	619	0	274	49	0	138
Grp Sat Flow(s),veh/h/ln	1767	1735	1585	1781	1749	1827	1728	0	1676	1781	0	1771
Q Serve(g_s), s	5.5	37.6	24.8	17.5	42.4	42.4	30.9	0.0	27.7	4.6	0.0	13.8
Cycle Q Clear(g_c), s	5.5	37.6	24.8	17.5	42.4	42.4	30.9	0.0	27.7	4.6	0.0	13.8
Prop In Lane	1.00		1.00	1.00		0.04	1.00		0.65	1.00		0.31
Lane Grp Cap(c), veh/h	68	1427	989	194	842	880	735	0	357	161	0	160
V/C Ratio(X)	0.79	0.64	0.43	0.90	0.65	0.65	0.84	0.00	0.77	0.30	0.00	0.86
Avail Cap(c_a), veh/h	100	1427	989	210	842	880	923	0	448	205	0	204
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	85.8	42.3	17.4	79.3	35.2	35.2	67.9	0.0	66.7	76.5	0.0	80.7
Incr Delay (d2), s/veh	22.2	2.2	1.4	35.6	3.9	3.7	6.5	0.0	7.3	1.5	0.0	26.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.9	16.8	15.8	10.0	19.2	20.0	14.4	0.0	12.7	2.2	0.0	7.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	107.9	44.4	18.7	114.9	39.1	38.9	74.4	0.0	73.9	78.0	0.0	107.6
LnGrp LOS	F	D	B	F	D	D	E		E	E		F
Approach Vol, veh/h		1388			1292			893			187	
Approach Delay, s/veh		39.0			49.3			74.3			99.9	
Approach LOS		D			D			E			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	27.4	81.9		23.6	14.8	94.4		47.2				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	21.2	58.2		20.7	10.2	69.2		48.1				
Max Q Clear Time (g_c+I1), s	19.5	39.6		15.8	7.5	44.4		32.9				
Green Ext Time (p_c), s	0.1	10.6		0.5	0.0	11.6		5.4				

Intersection Summary		
HCM 7th Control Delay, s/veh		53.9
HCM 7th LOS		D

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	1301	9	58	1640	21	0	0	18	0	0	10
Future Vol, veh/h	42	1301	9	58	1640	21	0	0	18	0	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	345	-	-	-	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	3	2	2	3	2	2	2	2	2	2	2
Mvmt Flow	45	1384	10	62	1745	22	0	0	19	0	0	11

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	1767	0	0	1394	0	0	-	-	697
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32
Pot Cap-1 Maneuver	349	-	-	487	-	-	0	0	384
Stage 1	-	-	-	-	-	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	349	-	-	487	-	-	-	0	384
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0.52	0.45	14.88
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	384	349	-	-	487	-	-
HCM Lane V/C Ratio	0.05	0.128	-	-	0.127	-	-
HCM Control Delay (s/veh)	14.9	16.8	-	-	13.5	-	-
HCM Lane LOS	B	C	-	-	B	-	-
HCM 95th %tile Q(veh)	0.2	0.4	-	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	55	0	884	662	15
Future Vol, veh/h	0	55	0	884	662	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	3	2
Mvmt Flow	0	61	0	982	736	17

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	376	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.94	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.32	-	-	-	-
Pot Cap-1 Maneuver	0	621	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	621	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s/v	11.42	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	621	-	-
HCM Lane V/C Ratio	-	0.098	-	-
HCM Control Delay (s/veh)	-	11.4	-	-
HCM Lane LOS	-	B	-	-
HCM 95th %tile Q(veh)	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↱		↑↑↑				↱			
Traffic Vol, veh/h	0	1457	25	0	0	0	0	0	21	0	0	0
Future Vol, veh/h	0	1457	25	0	0	0	0	0	21	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	150	50	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	3	13	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1584	27	0	0	0	0	0	23	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	0	-	-	0	-	-	792
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.92
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	285
Stage 1	0	-	-	0	-	0	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	0	285
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	18.73
HCM LOS			C

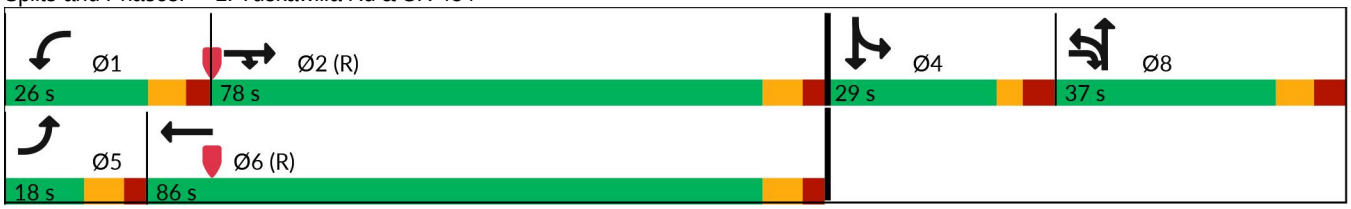
Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT
Capacity (veh/h)	285	-	-	-
HCM Lane V/C Ratio	0.08	-	-	-
HCM Control Delay (s/veh)	18.7	-	-	-
HCM Lane LOS	C	-	-	-
HCM 95th %tile Q(veh)	0.3	-	-	-

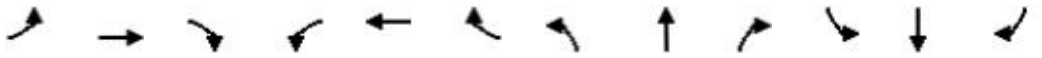
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	103	1083	552	170	1205	731	210	103	157
Future Volume (vph)	103	1083	552	170	1205	731	210	103	157
Turn Type	Prot	NA	pt+ov	Prot	NA	Split	NA	Split	NA
Protected Phases	5	2	2 8	1	6	8	8	4	4
Permitted Phases									
Detector Phase	5	2	2 8	1	6	8	8	4	4
Switch Phase									
Minimum Initial (s)	6.0	15.0		6.0	15.0	6.0	6.0	6.0	6.0
Minimum Split (s)	13.8	22.8		13.8	22.8	14.9	14.9	13.3	13.3
Total Split (s)	18.0	78.0		26.0	86.0	37.0	37.0	29.0	29.0
Total Split (%)	10.6%	45.9%		15.3%	50.6%	21.8%	21.8%	17.1%	17.1%
Yellow Time (s)	4.9	4.9		4.9	4.9	4.8	4.8	3.4	3.4
All-Red Time (s)	2.9	2.9		2.9	2.9	4.1	4.1	3.9	3.9
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.8	7.8		7.8	7.8	8.9	8.9	7.3	7.3
Lead/Lag	Lead	Lag		Lead	Lag				
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				
Recall Mode	None	C-Min		None	C-Min	None	None	None	None

Intersection Summary

Cycle Length: 170
Actuated Cycle Length: 170
Offset: 0 (0%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 140
Control Type: Actuated-Coordinated

Splits and Phases: 1: Tuskawilla Rd & SR 434





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	103	1083	552	170	1205	36	731	210	137	103	157	35
Future Volume (veh/h)	103	1083	552	170	1205	36	731	210	137	103	157	35
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1841	1870	1826	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	105	1105	563	173	1230	37	746	214	140	105	160	36
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	4	2	5	2	2	2	2	2
Cap, veh/h	107	1494	928	191	1620	49	558	174	114	214	178	40
Arrive On Green	0.06	0.42	0.42	0.11	0.47	0.47	0.17	0.17	0.17	0.12	0.12	0.12
Sat Flow, veh/h	1781	3554	1585	1781	3466	104	3374	1056	691	1781	1478	333
Grp Volume(v), veh/h	105	1105	563	173	620	647	746	0	354	105	0	196
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1749	1822	1687	0	1746	1781	0	1811
Q Serve(g_s), s	10.0	44.5	38.8	16.3	49.8	49.8	28.1	0.0	28.1	9.4	0.0	18.2
Cycle Q Clear(g_c), s	10.0	44.5	38.8	16.3	49.8	49.8	28.1	0.0	28.1	9.4	0.0	18.2
Prop In Lane	1.00		1.00	1.00		0.06	1.00		0.40	1.00		0.18
Lane Grp Cap(c), veh/h	107	1494	928	191	817	851	558	0	289	214	0	218
V/C Ratio(X)	0.98	0.74	0.61	0.91	0.76	0.76	1.34	0.00	1.23	0.49	0.00	0.90
Avail Cap(c_a), veh/h	107	1494	928	191	817	851	558	0	289	227	0	231
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	79.8	41.5	22.6	75.1	37.4	37.4	70.9	0.0	71.0	69.9	0.0	73.8
Incr Delay (d2), s/veh	81.2	3.3	2.9	40.2	6.5	6.3	163.9	0.0	128.7	2.5	0.0	33.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.0	20.3	22.1	9.7	22.9	23.8	24.9	0.0	22.9	4.5	0.0	10.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	161.0	44.8	25.6	115.2	43.9	43.7	234.8	0.0	199.6	72.4	0.0	107.4
LnGrp LOS	F	D	C	F	D	D	F		F	E		F
Approach Vol, veh/h		1773			1440			1100			301	
Approach Delay, s/veh		45.6			52.4			223.5			95.1	
Approach LOS		D			D			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	26.0	79.2		27.8	18.0	87.2		37.0				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	18.2	70.2		21.7	10.2	78.2		28.1				
Max Q Clear Time (g_c+I1), s	18.3	46.5		20.2	12.0	51.8		30.1				
Green Ext Time (p_c), s	0.0	15.4		0.3	0.0	14.0		0.0				

Intersection Summary	
HCM 7th Control Delay, s/veh	93.4
HCM 7th LOS	F

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	72	1723	35	98	1820	69	0	0	46	0	0	4
Future Vol, veh/h	72	1723	35	98	1820	69	0	0	46	0	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	345	-	-	-	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	99	99	99	99	99	99	99	99	99	99	99	99
Heavy Vehicles, %	2	2	2	2	5	2	2	2	2	2	2	2
Mvmt Flow	73	1740	35	99	1838	70	0	0	46	0	0	4

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	1908	0	0	1776	0	0	-	-	888
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32
Pot Cap-1 Maneuver	307	-	-	346	-	-	0	0	287
Stage 1	-	-	-	-	-	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	307	-	-	346	-	-	-	0	287
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0.8	0.96	19.96
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	287	307	-	-	346	-	-
HCM Lane V/C Ratio	0.162	0.237	-	-	0.286	-	-
HCM Control Delay (s/veh)	20	20.3	-	-	19.5	-	-
HCM Lane LOS	C	C	-	-	C	-	-
HCM 95th %tile Q(veh)	0.6	0.9	-	-	1.2	-	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	128	0	1075	808	63
Future Vol, veh/h	0	128	0	1075	808	63
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	139	0	1168	878	68

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	473	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.94	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.32	-	-	-	-
Pot Cap-1 Maneuver	0	537	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	537	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s/v	14.03	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	537	-	-
HCM Lane V/C Ratio	-	0.259	-	-
HCM Control Delay (s/veh)	-	14	-	-
HCM Lane LOS	-	B	-	-
HCM 95th %tile Q(veh)	-	1	-	-

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↱		↑↑↑				↱			
Traffic Vol, veh/h	0	1673	104	0	0	0	0	0	67	0	0	0
Future Vol, veh/h	0	1673	104	0	0	0	0	0	67	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	150	50	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1818	113	0	0	0	0	0	73	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	0	-	-	0	-	-	909
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.92
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	238
Stage 1	0	-	-	0	-	0	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	0	238
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	26.61
HCM LOS			D

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT
Capacity (veh/h)	238	-	-	-
HCM Lane V/C Ratio	0.306	-	-	-
HCM Control Delay (s/veh)	26.6	-	-	-
HCM Lane LOS	D	-	-	-
HCM 95th %tile Q(veh)	1.2	-	-	-

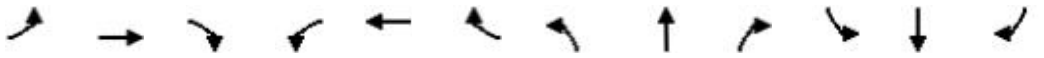
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	54	908	424	174	1092	618	97	49	95
Future Volume (vph)	54	908	424	174	1092	618	97	49	95
Turn Type	Prot	NA	pt+ov	Prot	NA	Split	NA	Split	NA
Protected Phases	5	2	2 8	1	6	8	8	4	4
Permitted Phases									
Detector Phase	5	2	2 8	1	6	8	8	4	4
Switch Phase									
Minimum Initial (s)	6.0	15.0		6.0	15.0	6.0	6.0	6.0	6.0
Minimum Split (s)	13.8	22.8		13.8	22.8	14.9	14.9	13.3	13.3
Total Split (s)	18.0	66.0		29.0	77.0	57.0	57.0	28.0	28.0
Total Split (%)	10.0%	36.7%		16.1%	42.8%	31.7%	31.7%	15.6%	15.6%
Yellow Time (s)	4.9	4.9		4.9	4.9	4.8	4.8	3.4	3.4
All-Red Time (s)	2.9	2.9		2.9	2.9	4.1	4.1	3.9	3.9
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.8	7.8		7.8	7.8	8.9	8.9	7.3	7.3
Lead/Lag	Lead	Lag		Lead	Lag				
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				
Recall Mode	None	C-Min		None	C-Min	None	None	None	None

Intersection Summary

Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 100
Control Type: Actuated-Coordinated

Splits and Phases: 1: Tuskawilla Rd & SR 434





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	54	908	424	174	1092	23	618	97	177	49	95	43
Future Volume (veh/h)	54	908	424	174	1092	23	618	97	177	49	95	43
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1826	1870	1870	1841	1870	1870	1870	1870	1870	1870	1856
Adj Flow Rate, veh/h	56	946	442	181	1138	24	644	101	184	51	99	45
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	5	2	2	4	2	2	2	2	2	2	3
Cap, veh/h	71	1381	979	199	1646	35	759	130	238	167	114	52
Arrive On Green	0.04	0.40	0.40	0.11	0.47	0.47	0.22	0.22	0.22	0.09	0.09	0.09
Sat Flow, veh/h	1767	3469	1585	1781	3502	74	3456	594	1082	1781	1217	553
Grp Volume(v), veh/h	56	946	442	181	568	594	644	0	285	51	0	144
Grp Sat Flow(s),veh/h/ln	1767	1735	1585	1781	1749	1827	1728	0	1676	1781	0	1771
Q Serve(g_s), s	5.7	40.6	26.6	18.1	45.9	45.9	32.2	0.0	28.8	4.8	0.0	14.4
Cycle Q Clear(g_c), s	5.7	40.6	26.6	18.1	45.9	45.9	32.2	0.0	28.8	4.8	0.0	14.4
Prop In Lane	1.00		1.00	1.00		0.04	1.00		0.65	1.00		0.31
Lane Grp Cap(c), veh/h	71	1381	979	199	822	859	759	0	368	167	0	166
V/C Ratio(X)	0.79	0.68	0.45	0.91	0.69	0.69	0.85	0.00	0.77	0.31	0.00	0.87
Avail Cap(c_a), veh/h	100	1381	979	210	822	859	923	0	448	205	0	204
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	85.7	44.8	18.2	79.0	37.5	37.5	67.4	0.0	66.0	76.1	0.0	80.5
Incr Delay (d2), s/veh	23.8	2.8	1.5	37.0	4.7	4.6	7.0	0.0	7.8	1.5	0.0	28.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.1	18.2	17.1	10.4	21.0	21.9	15.0	0.0	13.2	2.3	0.0	8.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	109.4	47.6	19.7	116.1	42.2	42.0	74.4	0.0	73.8	77.5	0.0	109.0
LnGrp LOS	F	D	B	F	D	D	E		E	E		F
Approach Vol, veh/h		1444			1343			929			195	
Approach Delay, s/veh		41.5			52.1			74.2			100.8	
Approach LOS		D			D			E			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	27.9	79.5		24.2	15.0	92.4		48.4				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	21.2	58.2		20.7	10.2	69.2		48.1				
Max Q Clear Time (g_c+I1), s	20.1	42.6		16.4	7.7	47.9		34.2				
Green Ext Time (p_c), s	0.1	9.8		0.4	0.0	11.1		5.4				

Intersection Summary			
HCM 7th Control Delay, s/veh		55.8	
HCM 7th LOS		E	

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	43	1353	9	60	1706	22	0	0	19	0	0	10
Future Vol, veh/h	43	1353	9	60	1706	22	0	0	19	0	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	345	-	-	-	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	3	2	2	3	2	2	2	2	2	2	2
Mvmt Flow	46	1439	10	64	1815	23	0	0	20	0	0	11

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	1838	0	0	1449	0	0	-	-	724
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32
Pot Cap-1 Maneuver	327	-	-	463	-	-	0	0	368
Stage 1	-	-	-	-	-	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	327	-	-	463	-	-	-	0	368
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0.54	0.47	15.36
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	368	327	-	-	463	-	-
HCM Lane V/C Ratio	0.055	0.14	-	-	0.138	-	-
HCM Control Delay (s/veh)	15.4	17.8	-	-	14	-	-
HCM Lane LOS	C	C	-	-	B	-	-
HCM 95th %tile Q(veh)	0.2	0.5	-	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	57	0	919	688	16
Future Vol, veh/h	0	57	0	919	688	16
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	3	2
Mvmt Flow	0	63	0	1021	764	18

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	391	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.94	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.32	-	-	-	-
Pot Cap-1 Maneuver	0	608	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	608	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s/v	11.61	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	608	-	-
HCM Lane V/C Ratio	-	0.104	-	-
HCM Control Delay (s/veh)	-	11.6	-	-
HCM Lane LOS	-	B	-	-
HCM 95th %tile Q(veh)	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↱		↑↑↑				↱			
Traffic Vol, veh/h	0	1515	26	0	0	0	0	0	22	0	0	0
Future Vol, veh/h	0	1515	26	0	0	0	0	0	22	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	150	50	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	3	13	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1647	28	0	0	0	0	0	24	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	0	-	-	0	-	-	823
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.92
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	272
Stage 1	0	-	-	0	-	0	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	0	272
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	19.53
HCM LOS			C

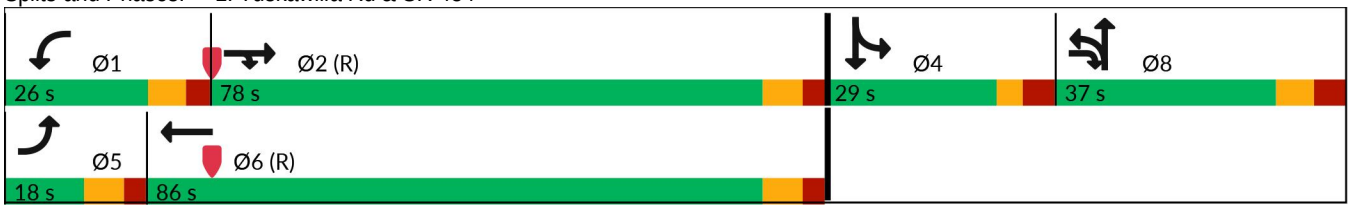
Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT
Capacity (veh/h)	272	-	-	-
HCM Lane V/C Ratio	0.088	-	-	-
HCM Control Delay (s/veh)	19.5	-	-	-
HCM Lane LOS	C	-	-	-
HCM 95th %tile Q(veh)	0.3	-	-	-

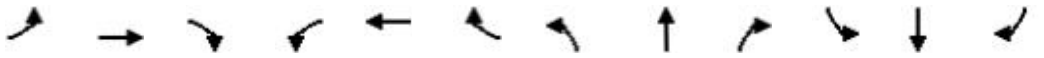
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	107	1126	574	177	1253	760	218	107	163
Future Volume (vph)	107	1126	574	177	1253	760	218	107	163
Turn Type	Prot	NA	pt+ov	Prot	NA	Split	NA	Split	NA
Protected Phases	5	2	2 8	1	6	8	8	4	4
Permitted Phases									
Detector Phase	5	2	2 8	1	6	8	8	4	4
Switch Phase									
Minimum Initial (s)	6.0	15.0		6.0	15.0	6.0	6.0	6.0	6.0
Minimum Split (s)	13.8	22.8		13.8	22.8	14.9	14.9	13.3	13.3
Total Split (s)	18.0	78.0		26.0	86.0	37.0	37.0	29.0	29.0
Total Split (%)	10.6%	45.9%		15.3%	50.6%	21.8%	21.8%	17.1%	17.1%
Yellow Time (s)	4.9	4.9		4.9	4.9	4.8	4.8	3.4	3.4
All-Red Time (s)	2.9	2.9		2.9	2.9	4.1	4.1	3.9	3.9
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.8	7.8		7.8	7.8	8.9	8.9	7.3	7.3
Lead/Lag	Lead	Lag		Lead	Lag				
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				
Recall Mode	None	C-Min		None	C-Min	None	None	None	None

Intersection Summary

Cycle Length: 170
Actuated Cycle Length: 170
Offset: 0 (0%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 150
Control Type: Actuated-Coordinated

Splits and Phases: 1: Tuskawilla Rd & SR 434





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	107	1126	574	177	1253	37	760	218	142	107	163	36
Future Volume (veh/h)	107	1126	574	177	1253	37	760	218	142	107	163	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1841	1870	1826	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	109	1149	586	181	1279	38	776	222	145	109	166	37
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	4	2	5	2	2	2	2	2
Cap, veh/h	107	1482	923	191	1610	48	558	175	114	220	183	41
Arrive On Green	0.06	0.42	0.42	0.11	0.46	0.46	0.17	0.17	0.17	0.12	0.12	0.12
Sat Flow, veh/h	1781	3554	1585	1781	3468	103	3374	1056	690	1781	1481	330
Grp Volume(v), veh/h	109	1149	586	181	645	672	776	0	367	109	0	203
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1749	1822	1687	0	1746	1781	0	1811
Q Serve(g_s), s	10.2	47.3	41.6	17.2	53.2	53.3	28.1	0.0	28.1	9.7	0.0	18.8
Cycle Q Clear(g_c), s	10.2	47.3	41.6	17.2	53.2	53.3	28.1	0.0	28.1	9.7	0.0	18.8
Prop In Lane	1.00		1.00	1.00		0.06	1.00		0.40	1.00		0.18
Lane Grp Cap(c), veh/h	107	1482	923	191	812	846	558	0	289	220	0	224
V/C Ratio(X)	1.02	0.78	0.63	0.95	0.79	0.80	1.39	0.00	1.27	0.50	0.00	0.91
Avail Cap(c_a), veh/h	107	1482	923	191	812	846	558	0	289	227	0	231
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	79.9	42.7	23.5	75.4	38.7	38.7	70.9	0.0	71.0	69.6	0.0	73.5
Incr Delay (d2), s/veh	92.5	4.0	3.3	50.5	7.9	7.6	187.0	0.0	146.5	2.4	0.0	35.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.5	21.7	23.8	10.6	24.7	25.7	26.7	0.0	24.4	4.6	0.0	11.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	172.4	46.7	26.8	126.0	46.5	46.3	258.0	0.0	217.5	72.0	0.0	109.0
LnGrp LOS	F	D	C	F	D	D	F		F	E		F
Approach Vol, veh/h		1844			1498			1143			312	
Approach Delay, s/veh		47.8			56.0			245.0			96.1	
Approach LOS		D			E			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	26.0	78.7		28.3	18.0	86.7		37.0				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	18.2	70.2		21.7	10.2	78.2		28.1				
Max Q Clear Time (g_c+I1), s	19.2	49.3		20.8	12.2	55.3		30.1				
Green Ext Time (p_c), s	0.0	14.6		0.2	0.0	13.4		0.0				

Intersection Summary		
HCM 7th Control Delay, s/veh		100.5
HCM 7th LOS		F

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	75	1792	36	102	1893	72	0	0	48	0	0	4
Future Vol, veh/h	75	1792	36	102	1893	72	0	0	48	0	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	345	-	-	-	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	99	99	99	99	99	99	99	99	99	99	99	99
Heavy Vehicles, %	2	2	2	2	5	2	2	2	2	2	2	2
Mvmt Flow	76	1810	36	103	1912	73	0	0	48	0	0	4

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	1985	0	0	1846	0	0	-	-	923
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32
Pot Cap-1 Maneuver	287	-	-	325	-	-	0	0	272
Stage 1	-	-	-	-	-	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	287	-	-	325	-	-	-	0	272
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0.87	1.04	21.11
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	272	287	-	-	325	-	-
HCM Lane V/C Ratio	0.178	0.264	-	-	0.317	-	-
HCM Control Delay (s/veh)	21.1	22	-	-	21.1	-	-
HCM Lane LOS	C	C	-	-	C	-	-
HCM 95th %tile Q(veh)	0.6	1	-	-	1.3	-	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	133	0	1118	840	66
Future Vol, veh/h	0	133	0	1118	840	66
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	145	0	1215	913	72

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	492	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.94	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.32	-	-	-	-
Pot Cap-1 Maneuver	0	522	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	522	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s/v	14.51	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	522	-	-
HCM Lane V/C Ratio	-	0.277	-	-
HCM Control Delay (s/veh)	-	14.5	-	-
HCM Lane LOS	-	B	-	-
HCM 95th %tile Q(veh)	-	1.1	-	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↱		↑↑↑				↱			
Traffic Vol, veh/h	0	1740	108	0	0	0	0	0	70	0	0	0
Future Vol, veh/h	0	1740	108	0	0	0	0	0	70	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	150	50	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1891	117	0	0	0	0	0	76	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	0	-	-	0	-	-	946
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.92
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	225
Stage 1	0	-	-	0	-	0	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	0	225
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	28.89
HCM LOS			D

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT
Capacity (veh/h)	225	-	-	-
HCM Lane V/C Ratio	0.337	-	-	-
HCM Control Delay (s/veh)	28.9	-	-	-
HCM Lane LOS	D	-	-	-
HCM 95th %tile Q(veh)	1.4	-	-	-

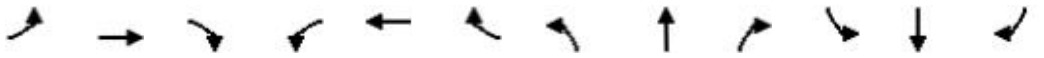
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	110	919	424	211	1066	642	97	49	97
Future Volume (vph)	110	919	424	211	1066	642	97	49	97
Turn Type	Prot	NA	pt+ov	Prot	NA	Split	NA	Split	NA
Protected Phases	5	2	2 8	1	6	8	8	4	4
Permitted Phases									
Detector Phase	5	2	2 8	1	6	8	8	4	4
Switch Phase									
Minimum Initial (s)	6.0	15.0		6.0	15.0	6.0	6.0	6.0	6.0
Minimum Split (s)	13.8	22.8		13.8	22.8	14.9	14.9	13.3	13.3
Total Split (s)	18.0	66.0		29.0	77.0	57.0	57.0	28.0	28.0
Total Split (%)	10.0%	36.7%		16.1%	42.8%	31.7%	31.7%	15.6%	15.6%
Yellow Time (s)	4.9	4.9		4.9	4.9	4.8	4.8	3.4	3.4
All-Red Time (s)	2.9	2.9		2.9	2.9	4.1	4.1	3.9	3.9
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.8	7.8		7.8	7.8	8.9	8.9	7.3	7.3
Lead/Lag	Lead	Lag		Lead	Lag				
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				
Recall Mode	None	C-Min		None	C-Min	None	None	None	None

Intersection Summary

Cycle Length: 180
Actuated Cycle Length: 180
Offset: 0 (0%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 100
Control Type: Actuated-Coordinated

Splits and Phases: 1: Tuskawilla Rd & SR 434





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	919	424	211	1066	23	642	97	177	49	97	43
Future Volume (veh/h)	110	919	424	211	1066	23	642	97	177	49	97	43
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1826	1870	1870	1841	1870	1870	1870	1870	1870	1870	1856
Adj Flow Rate, veh/h	115	957	442	220	1110	24	669	101	184	51	101	45
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	5	2	2	4	2	2	2	2	2	2	3
Cap, veh/h	100	1336	968	210	1561	34	780	134	244	169	116	52
Arrive On Green	0.06	0.38	0.38	0.12	0.45	0.45	0.23	0.23	0.23	0.09	0.09	0.09
Sat Flow, veh/h	1767	3469	1585	1781	3500	76	3456	594	1082	1781	1226	546
Grp Volume(v), veh/h	115	957	442	220	555	579	669	0	285	51	0	146
Grp Sat Flow(s),veh/h/ln	1767	1735	1585	1781	1749	1827	1728	0	1676	1781	0	1772
Q Serve(g_s), s	10.2	42.2	27.1	21.2	46.3	46.3	33.5	0.0	28.6	4.8	0.0	14.6
Cycle Q Clear(g_c), s	10.2	42.2	27.1	21.2	46.3	46.3	33.5	0.0	28.6	4.8	0.0	14.6
Prop In Lane	1.00		1.00	1.00		0.04	1.00		0.65	1.00		0.31
Lane Grp Cap(c), veh/h	100	1336	968	210	780	815	780	0	378	169	0	168
V/C Ratio(X)	1.15	0.72	0.46	1.05	0.71	0.71	0.86	0.00	0.75	0.30	0.00	0.87
Avail Cap(c_a), veh/h	100	1336	968	210	780	815	923	0	448	205	0	204
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	84.9	47.0	18.9	79.4	40.4	40.4	66.9	0.0	65.0	75.9	0.0	80.4
Incr Delay (d2), s/veh	135.4	3.3	1.6	75.5	5.4	5.2	7.7	0.0	6.8	1.4	0.0	29.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.5	19.0	17.5	14.2	21.3	22.3	15.7	0.0	13.0	2.3	0.0	8.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	220.3	50.3	20.5	154.9	45.9	45.7	74.5	0.0	71.8	77.3	0.0	109.4
LnGrp LOS	F	D	C	F	D	D	E		E	E		F
Approach Vol, veh/h		1514			1354			954			197	
Approach Delay, s/veh		54.5			63.5			73.7			101.1	
Approach LOS		D			E			E			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	29.0	77.1		24.4	18.0	88.1		49.5				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	21.2	58.2		20.7	10.2	69.2		48.1				
Max Q Clear Time (g_c+I1), s	23.2	44.2		16.6	12.2	48.3		35.5				
Green Ext Time (p_c), s	0.0	9.1		0.4	0.0	10.7		5.2				

Intersection Summary	
HCM 7th Control Delay, s/veh	64.4
HCM 7th LOS	E

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	43	1337	38	95	1664	22	0	0	64	0	0	10
Future Vol, veh/h	43	1337	38	95	1664	22	0	0	64	0	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	345	-	-	-	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	3	2	2	3	2	2	2	2	2	2	2
Mvmt Flow	46	1422	40	101	1770	23	0	0	68	0	0	11

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	1794	0	0	1463	0	0	-	-	731
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32
Pot Cap-1 Maneuver	341	-	-	458	-	-	0	0	364
Stage 1	-	-	-	-	-	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	341	-	-	458	-	-	-	0	364
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0.52	0.8	17.15
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	364	341	-	-	458	-	-
HCM Lane V/C Ratio	0.187	0.134	-	-	0.221	-	-
HCM Control Delay (s/veh)	17.2	17.2	-	-	15.1	-	-
HCM Lane LOS	C	C	-	-	C	-	-
HCM 95th %tile Q(veh)	0.7	0.5	-	-	0.8	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	80	0	943	688	60
Future Vol, veh/h	0	80	0	943	688	60
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	3	2
Mvmt Flow	0	89	0	1048	764	67

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	416	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.94	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.32	-	-	-	-
Pot Cap-1 Maneuver	0	586	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	586	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s/v	12.24	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	586	-	-
HCM Lane V/C Ratio	-	0.152	-	-
HCM Control Delay (s/veh)	-	12.2	-	-
HCM Lane LOS	-	B	-	-
HCM 95th %tile Q(veh)	-	0.5	-	-

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↱		↑↑↑				↱			
Traffic Vol, veh/h	0	1506	84	0	21	0	0	0	99	0	0	0
Future Vol, veh/h	0	1506	84	0	21	0	0	0	99	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	150	50	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	3	13	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1637	91	0	23	0	0	0	108	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	0	-	-	0	-	-	818
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.92
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	274
Stage 1	0	-	-	0	-	0	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	0	274
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	26.42
HCM LOS			D

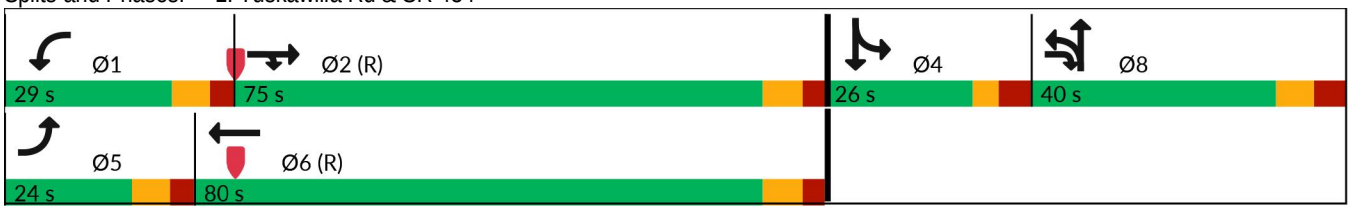
Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT
Capacity (veh/h)	274	-	-	-
HCM Lane V/C Ratio	0.393	-	-	-
HCM Control Delay (s/veh)	26.4	-	-	-
HCM Lane LOS	D	-	-	-
HCM 95th %tile Q(veh)	1.8	-	-	-

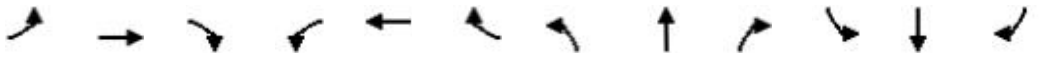
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	153	1135	574	209	1230	781	218	107	164
Future Volume (vph)	153	1135	574	209	1230	781	218	107	164
Turn Type	Prot	NA	pt+ov	Prot	NA	Split	NA	Split	NA
Protected Phases	5	2	2 8	1	6	8	8	4	4
Permitted Phases									
Detector Phase	5	2	2 8	1	6	8	8	4	4
Switch Phase									
Minimum Initial (s)	6.0	15.0		6.0	15.0	6.0	6.0	6.0	6.0
Minimum Split (s)	13.8	22.8		13.8	22.8	14.9	14.9	13.3	13.3
Total Split (s)	24.0	75.0		29.0	80.0	40.0	40.0	26.0	26.0
Total Split (%)	14.1%	44.1%		17.1%	47.1%	23.5%	23.5%	15.3%	15.3%
Yellow Time (s)	4.9	4.9		4.9	4.9	4.8	4.8	3.4	3.4
All-Red Time (s)	2.9	2.9		2.9	2.9	4.1	4.1	3.9	3.9
Lost Time Adjust (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	7.8	7.8		7.8	7.8	8.9	8.9	7.3	7.3
Lead/Lag	Lead	Lag		Lead	Lag				
Lead-Lag Optimize?	Yes	Yes		Yes	Yes				
Recall Mode	None	C-Min		None	C-Min	None	None	None	None

Intersection Summary

Cycle Length: 170
Actuated Cycle Length: 170
Offset: 0 (0%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 150
Control Type: Actuated-Coordinated
Description: signal timing improvements

Splits and Phases: 1: Tuskawilla Rd & SR 434





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	153	1135	574	209	1230	37	781	218	142	107	164	36
Future Volume (veh/h)	153	1135	574	209	1230	37	781	218	142	107	164	36
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1841	1870	1826	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	156	1158	586	213	1255	38	797	222	145	109	167	37
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	2	4	2	5	2	2	2	2	2
Cap, veh/h	170	1405	917	222	1472	45	617	193	126	196	163	36
Arrive On Green	0.10	0.40	0.40	0.12	0.42	0.42	0.18	0.18	0.18	0.11	0.11	0.11
Sat Flow, veh/h	1781	3554	1585	1781	3466	105	3374	1056	690	1781	1483	329
Grp Volume(v), veh/h	156	1158	586	213	633	660	797	0	367	109	0	204
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1749	1822	1687	0	1746	1781	0	1811
Q Serve(g_s), s	14.8	49.7	42.1	20.2	55.5	55.6	31.1	0.0	31.1	9.9	0.0	18.7
Cycle Q Clear(g_c), s	14.8	49.7	42.1	20.2	55.5	55.6	31.1	0.0	31.1	9.9	0.0	18.7
Prop In Lane	1.00		1.00	1.00		0.06	1.00		0.40	1.00		0.18
Lane Grp Cap(c), veh/h	170	1405	917	222	743	774	617	0	319	196	0	199
V/C Ratio(X)	0.92	0.82	0.64	0.96	0.85	0.85	1.29	0.00	1.15	0.56	0.00	1.02
Avail Cap(c_a), veh/h	170	1405	917	222	743	774	617	0	319	196	0	199
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	76.2	46.1	24.0	74.0	44.1	44.1	69.4	0.0	69.5	71.7	0.0	75.7
Incr Delay (d2), s/veh	46.3	5.6	3.4	48.7	11.9	11.5	143.0	0.0	97.0	4.3	0.0	70.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	9.0	23.1	24.7	12.3	26.5	27.6	25.7	0.0	22.6	4.8	0.0	12.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	122.5	51.7	27.4	122.6	55.9	55.6	212.4	0.0	166.5	76.1	0.0	145.8
LnGrp LOS	F	D	C	F	E	E	F		F	E		F
Approach Vol, veh/h		1900			1506			1164			313	
Approach Delay, s/veh		50.0			65.2			197.9			121.5	
Approach LOS		D			E			F			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	29.0	75.0		26.0	24.0	80.0		40.0				
Change Period (Y+Rc), s	7.8	7.8		7.3	7.8	7.8		8.9				
Max Green Setting (Gmax), s	21.2	67.2		18.7	16.2	72.2		31.1				
Max Q Clear Time (g_c+I1), s	22.2	51.7		20.7	16.8	57.6		33.1				
Green Ext Time (p_c), s	0.0	11.7		0.0	0.0	9.6		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			94.6									
HCM 7th LOS			F									

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	75	1778	61	131	1856	72	0	0	86	0	0	4
Future Vol, veh/h	75	1778	61	131	1856	72	0	0	86	0	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	345	-	-	-	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	99	99	99	99	99	99	99	99	99	99	99	99
Heavy Vehicles, %	2	2	2	2	5	2	2	2	2	2	2	2
Mvmt Flow	76	1796	62	132	1875	73	0	0	87	0	0	4

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	1947	0	0	1858	0	0	-	-	929
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32
Pot Cap-1 Maneuver	297	-	-	322	-	-	0	0	269
Stage 1	-	-	-	-	-	-	0	0	-
Stage 2	-	-	-	-	-	-	0	0	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	297	-	-	322	-	-	-	0	269
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0.83	1.51	24.6
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	269	297	-	-	322	-	-
HCM Lane V/C Ratio	0.322	0.255	-	-	0.411	-	-
HCM Control Delay (s/veh)	24.6	21.2	-	-	23.8	-	-
HCM Lane LOS	C	C	-	-	C	-	-
HCM 95th %tile Q(veh)	1.3	1	-	-	1.9	-	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	153	0	1138	840	104
Future Vol, veh/h	0	153	0	1138	840	104
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	166	0	1237	913	113

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	-	513	-	0	-	0
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	6.94	-	-	-	-
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	3.32	-	-	-	-
Pot Cap-1 Maneuver	0	506	0	-	-	-
Stage 1	0	-	0	-	-	-
Stage 2	0	-	0	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	-	506	-	-	-	-
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s/v	15.55	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	-	506	-	-
HCM Lane V/C Ratio	-	0.329	-	-
HCM Control Delay (s/veh)	-	15.6	-	-
HCM Lane LOS	-	C	-	-
HCM 95th %tile Q(veh)	-	1.4	-	-

Intersection	
Int Delay, s/veh	3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑↑	↱		↑↑↑				↱			
Traffic Vol, veh/h	0	1732	157	0	16	0	0	0	134	0	0	0
Future Vol, veh/h	0	1732	157	0	16	0	0	0	134	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	150	50	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1883	171	0	17	0	0	0	146	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	-	0	0	-	-	0	-	-	941
Stage 1	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	7.14
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.92
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	227
Stage 1	0	-	-	0	-	0	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-
Platoon blocked, %		-	-		-				
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	0	227
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	0	-
Stage 1	-	-	-	-	-	-	-	0	-
Stage 2	-	-	-	-	-	-	-	0	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	0	45.51
HCM LOS			E

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT
Capacity (veh/h)	227	-	-	-
HCM Lane V/C Ratio	0.642	-	-	-
HCM Control Delay (s/veh)	45.5	-	-	-
HCM Lane LOS	E	-	-	-
HCM 95th %tile Q(veh)	3.9	-	-	-

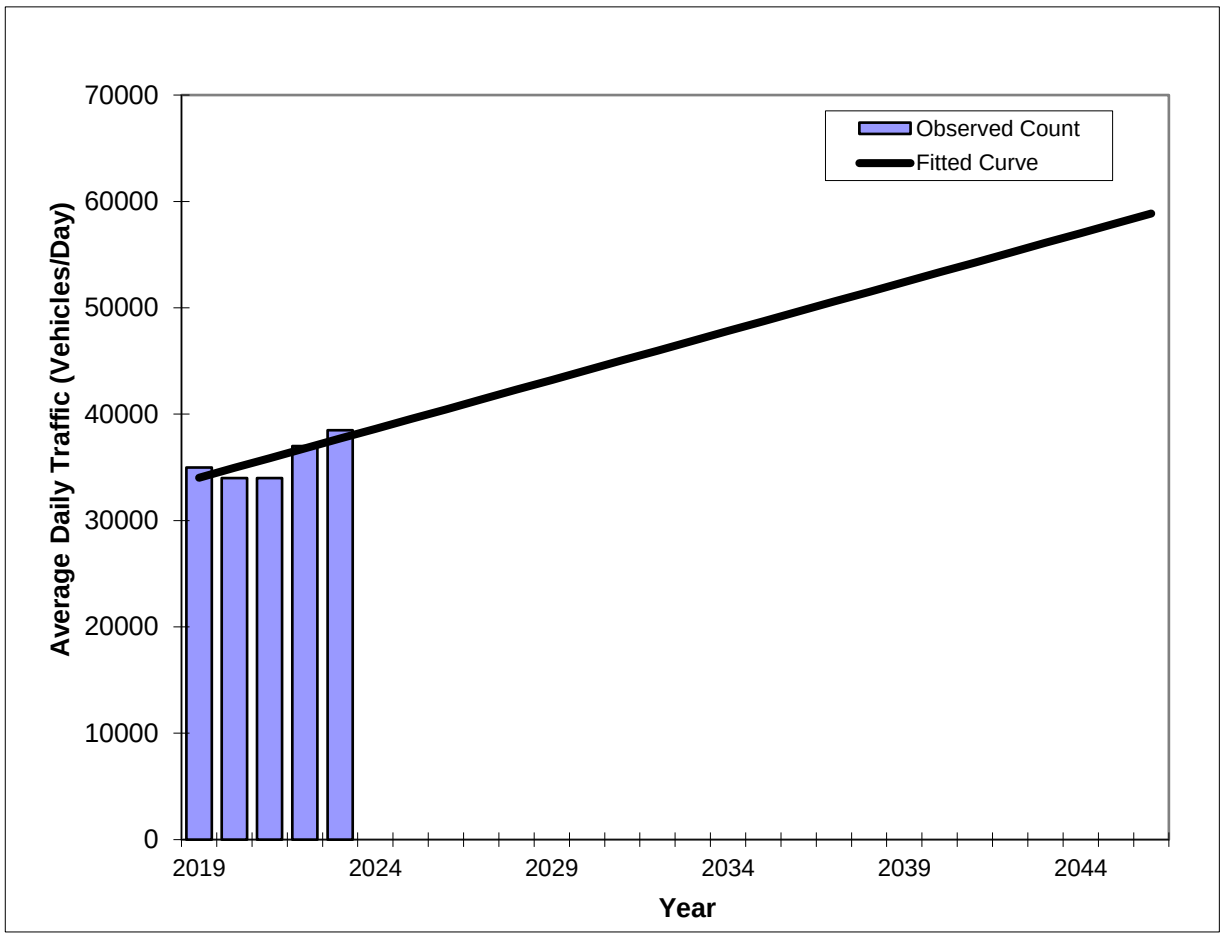
APPENDIX G
AADT Historical Trend

Traffic Trends - V2023

-- ON SR-434, 0.464 MI. E OF SR-419 (UCLP) NW

FM #	
Location	**1**

County:	Seminole (77)
Station #:	771002
Roadway:	



Annual Trend Increase:	920
Trend R-squared:	74.96%
Trend Annual Historic Growth Rate:	2.70%
Trend Growth Rate (2023 to Design Year)	2.44%
Printed:	12/5/2024

Linear Growth Option

	Traffic (ADT/AADT)	
Year	**Count***	**Trend**
2019	35,000	34,020
2020	34,000	34,940
2021	34,000	35,860
2022	37,000	36,780
2023	38,500	37,700
2026 Opening Year Trend		
2026	N/A	40,460
2036 Interim Year Trend		
2036	N/A	49,660
2046 Design Year Trend		
2046	N/A	58,860
FSUTMS Forecasts/Trends		

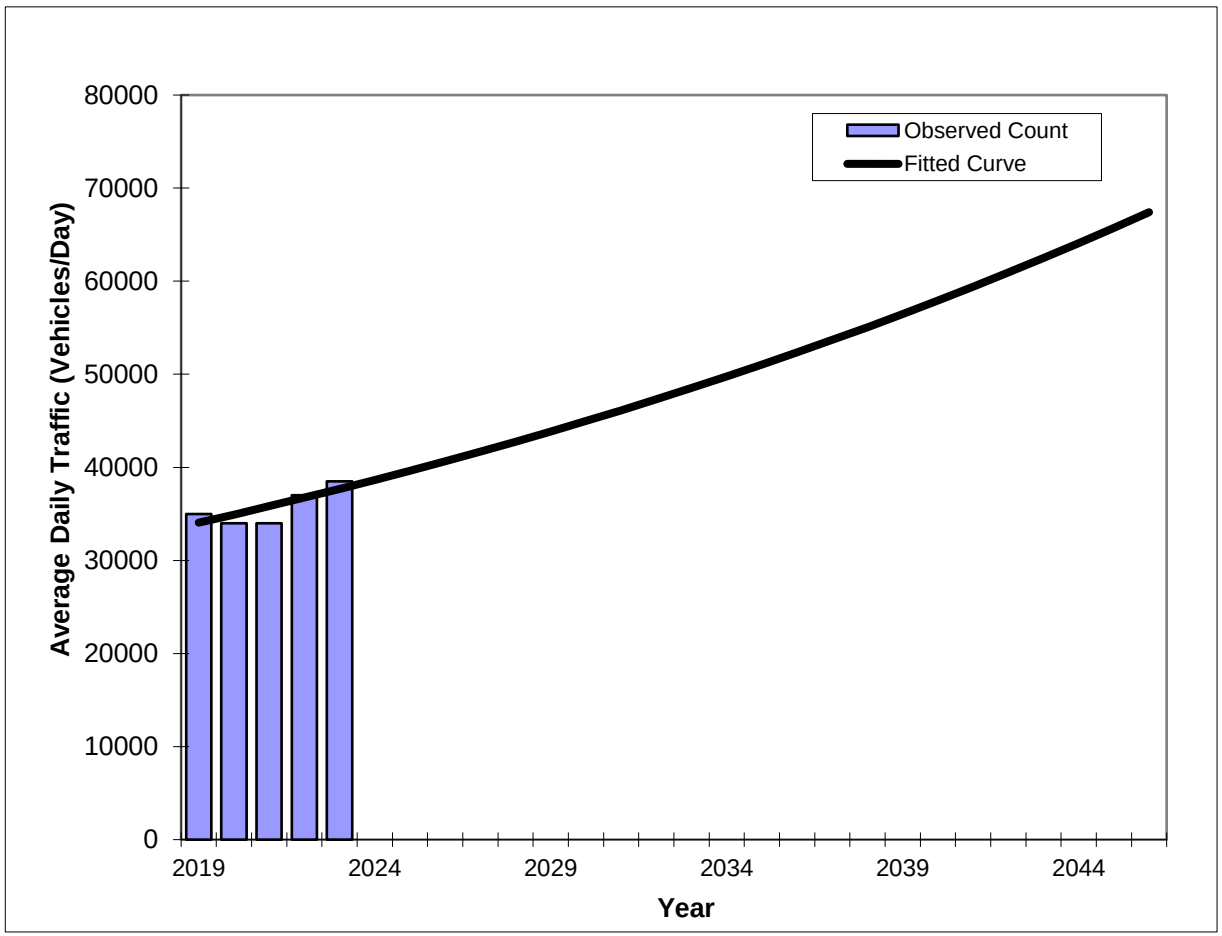
***Axle-Adjusted**

Traffic Trends - V2023

-- ON SR-434, 0.464 MI. E OF SR-419 (UCLP) NW

FM #	
Location	**1**

County:	Seminole (77)
Station #:	771002
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	35,000	34,060
2020	34,000	34,930
2021	34,000	35,830
2022	37,000	36,750
2023	38,500	37,690
2026 Opening Year Trend		
2026	N/A	40,660
2036 Interim Year Trend		
2036	N/A	52,350
2046 Design Year Trend		
2046	N/A	67,410
FSUTMS Forecasts/Trends		

*Axle-Adjusted

Trend R-squared:	75.07%
Compounded Annual Historic Growth Rate:	2.56%
Compounded Growth Rate (2023 to Design Year)	2.56%
Printed:	12/5/2024

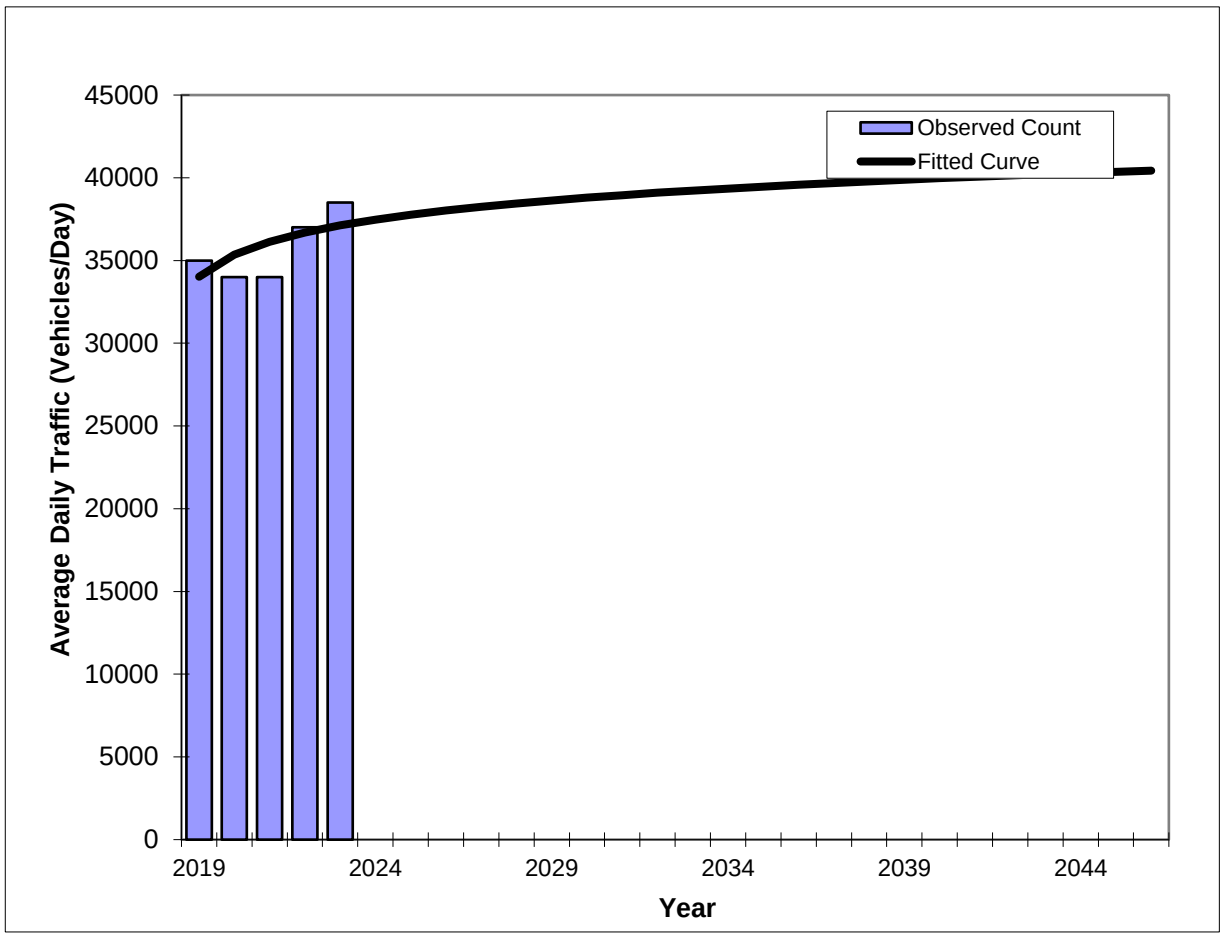
Exponential Growth Option

Traffic Trends - V2023

-- ON SR-434, 0.464 MI. E OF SR-419 (UCLP) NW

FM #	
Location	**1**

County:	Seminole (77)
Station #:	771002
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	35,000	34,020
2020	34,000	35,350
2021	34,000	36,130
2022	37,000	36,690
2023	38,500	37,120
2026 Opening Year Trend		
2026	N/A	38,020
2036 Interim Year Trend		
2036	N/A	39,580
2046 Design Year Trend		
2046	N/A	40,430
FSUTMS Forecasts/Trends		

Trend R-squared:	53.02%
Compounded Annual Historic Growth Rate:	2.20%
Compounded Growth Rate (2023 to Design Year)	0.37%
Printed:	12/5/2024

Decaying Exponential Growth Option

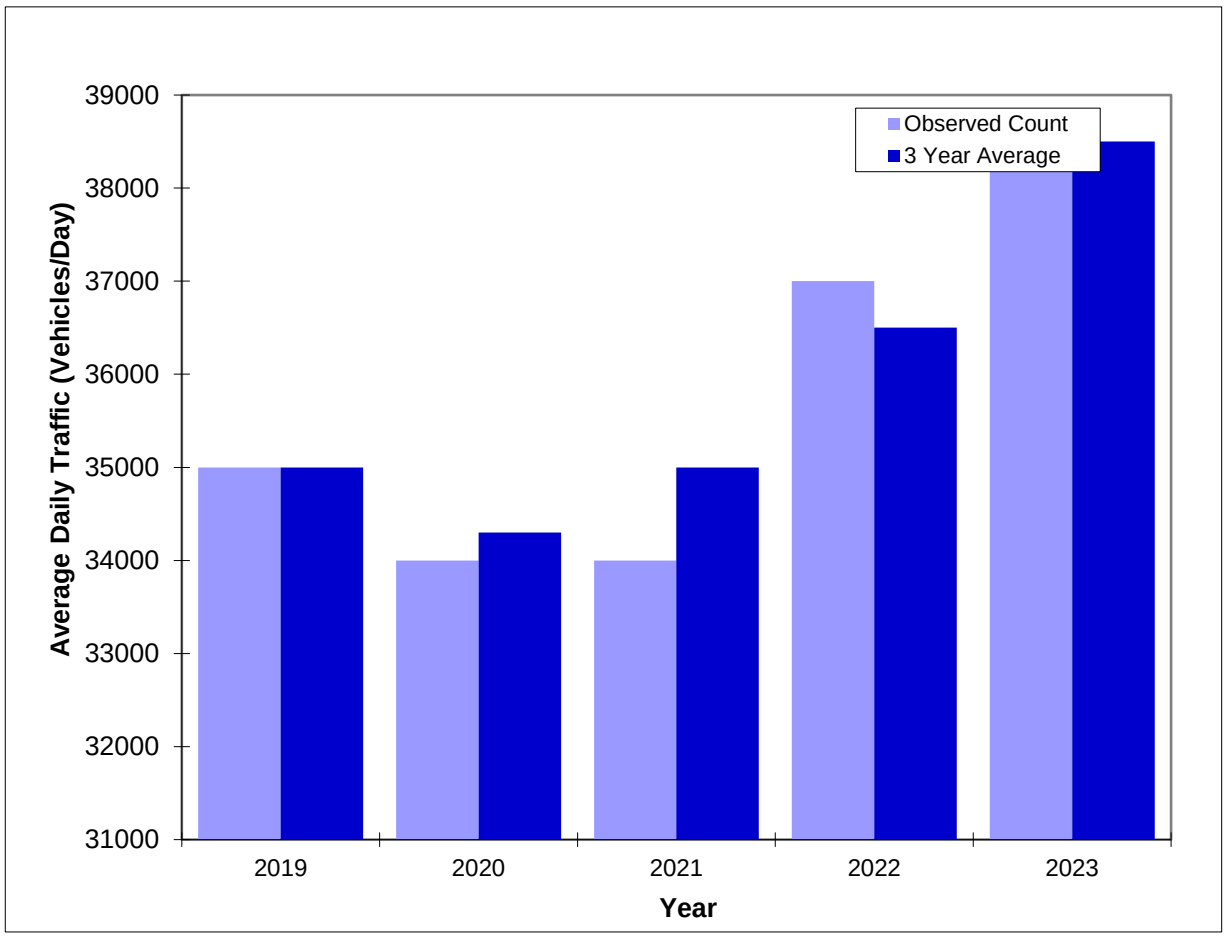
***Axle-Adjusted**

Traffic Trends - V2023

-- ON SR-434, 0.464 MI. E OF SR-419 (UCLP) NW

FM #	
Location	**1**

County:	Seminole (77)
Station #:	771002
Roadway:	



Year	Traffic (ADT/AADT) Count*	3 Yr Avg
2019	35,000	35,000
2020	34,000	34,300
2021	34,000	35,000
2022	37,000	36,500
2023	38,500	38,500

Actual AADT vs 3 Year Average

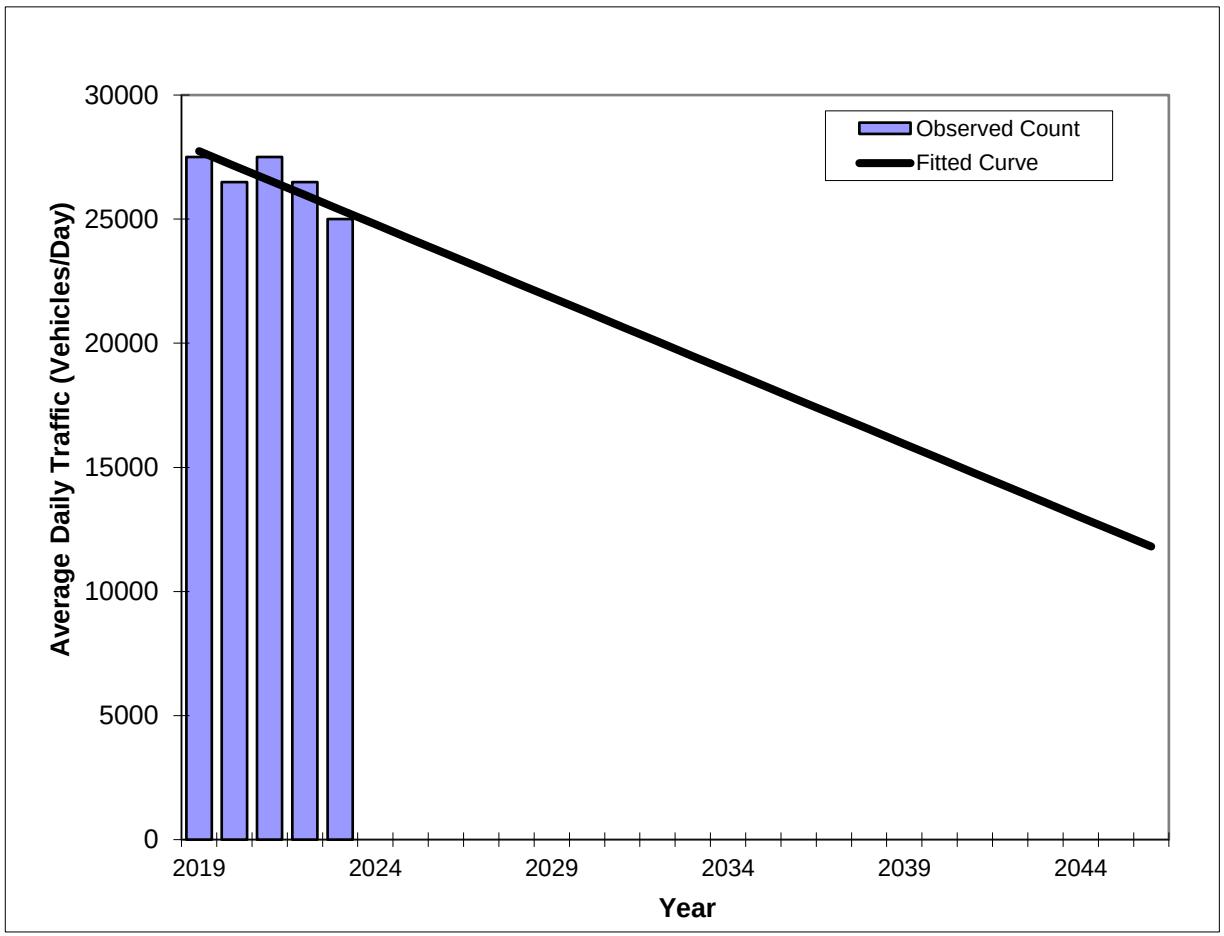
***Axle-Adjusted**

Traffic Trends - V2023

-- ON SR-434, 0.618 MI. E OF TUSKAWILA RD (UVL)

FM #	
Location	**1**

County:	Seminole (77)
Station #:	770278
Roadway:	



Annual Trend Decrease:	590
Trend R-squared:	90.37%
Trend Annual Historic Growth Rate:	-2.13%
Trend Growth Rate (2023 to Design Year)	-2.32%
Printed:	12/5/2024

Linear Growth Option

Year	Traffic (ADT/AADT) Count*	Trend
2019	27,500	27,740
2020	26,500	27,150
2021	27,500	26,560
2022	26,500	25,970
2023	25,000	25,380
2026 Opening Year Trend		
2026	N/A	23,610
2036 Interim Year Trend		
2036	N/A	17,710
2046 Design Year Trend		
2046	N/A	11,810
FSUTMS Forecasts/Trends		

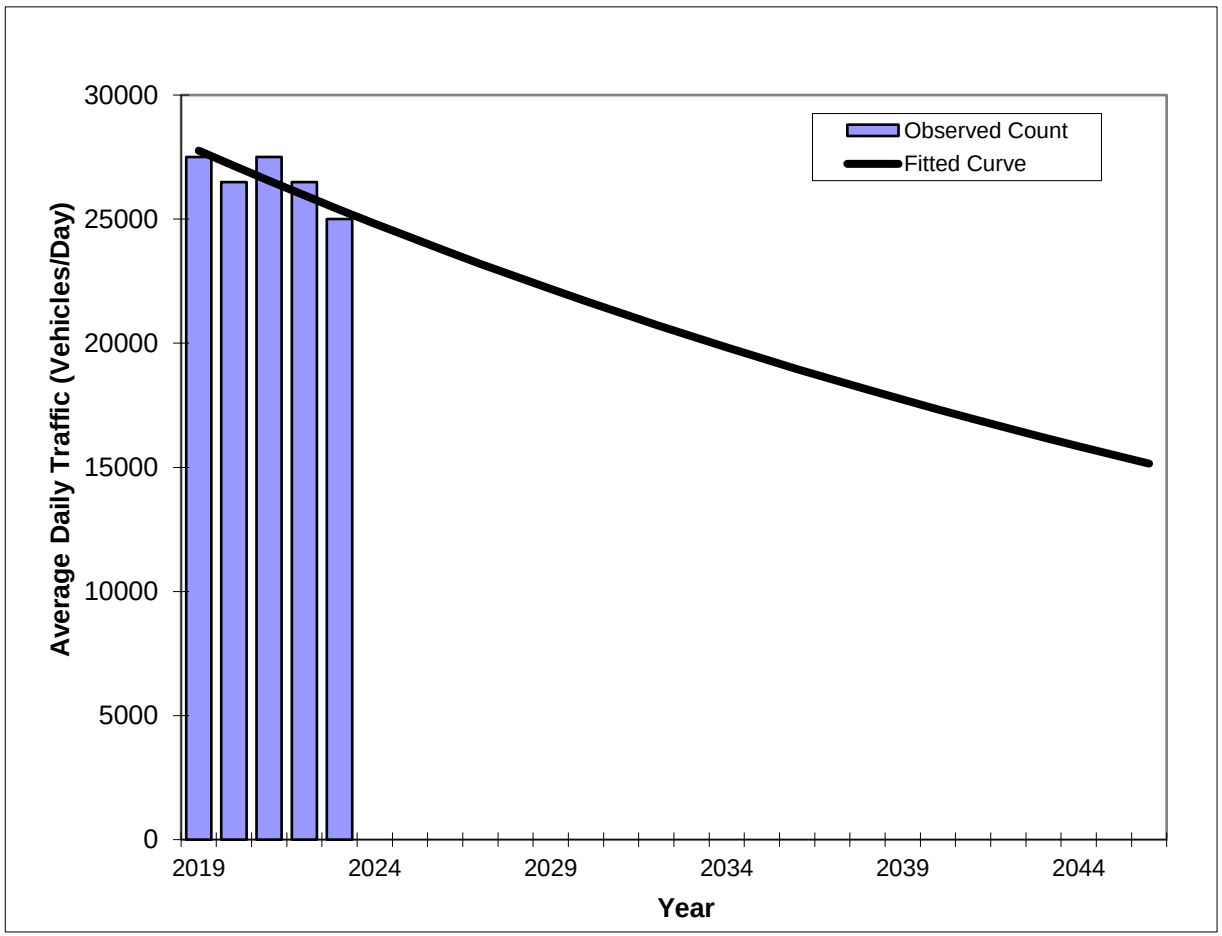
***Axle-Adjusted**

Traffic Trends - V2023

-- ON SR-434, 0.618 MI. E OF TUSKAWILA RD (UVL)

FM #	
Location	**1**

County:	Seminole (77)
Station #:	770278
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	27,500	27,760
2020	26,500	27,150
2021	27,500	26,550
2022	26,500	25,960
2023	25,000	25,380
2026 Opening Year Trend		
2026	N/A	23,730
2036 Interim Year Trend		
2036	N/A	18,960
2046 Design Year Trend		
2046	N/A	15,150
FSUTMS Forecasts/Trends		

*Axle-Adjusted

Trend R-squared:	89.55%
Compounded Annual Historic Growth Rate:	-2.22%
Compounded Growth Rate (2023 to Design Year)	-2.22%
Printed:	12/5/2024

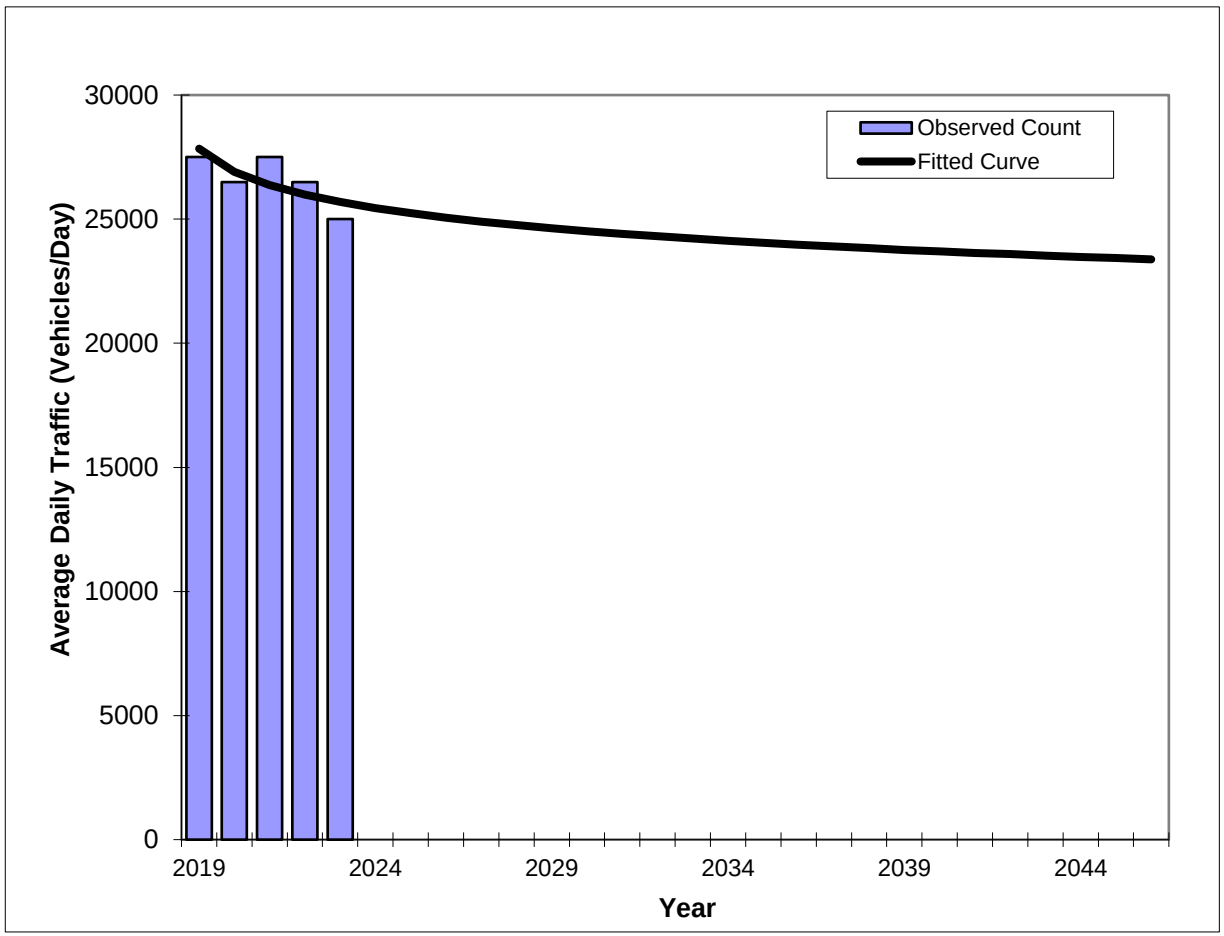
Exponential Growth Option

Traffic Trends - V2023

-- ON SR-434, 0.618 MI. E OF TUSKAWILA RD (UVL)

FM #	
Location	**1**

County:	Seminole (77)
Station #:	770278
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	27,500	27,840
2020	26,500	26,910
2021	27,500	26,370
2022	26,500	25,990
2023	25,000	25,690
2026 Opening Year Trend		
2026	N/A	25,060
2036 Interim Year Trend		
2036	N/A	23,970
2046 Design Year Trend		
2046	N/A	23,380
FSUTMS Forecasts/Trends		

Trend R-squared:	75.24%
Compounded Annual Historic Growth Rate:	-1.99%
Compounded Growth Rate (2023 to Design Year)	-0.41%
Printed:	12/5/2024

Decaying Exponential Growth Option

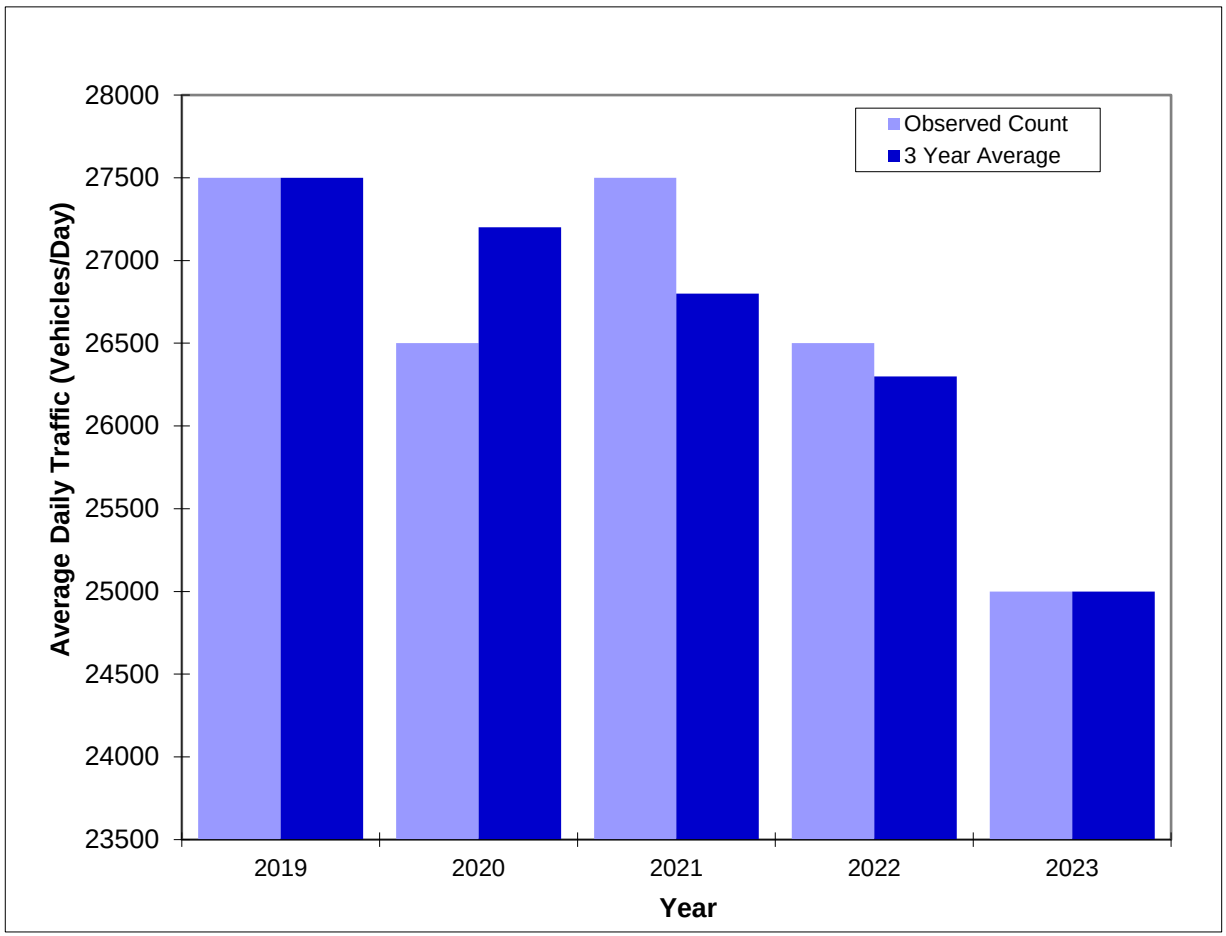
***Axle-Adjusted**

Traffic Trends - V2023

-- ON SR-434, 0.618 MI. E OF TUSKAWILA RD (UVL)

FM #	
Location	**1**

County:	Seminole (77)
Station #:	770278
Roadway:	



Year	Traffic (ADT/AADT) Count*	3 Yr Avg
2019	27,500	27,500
2020	26,500	27,200
2021	27,500	26,800
2022	26,500	26,300
2023	25,000	25,000

Actual AADT vs 3 Year Average

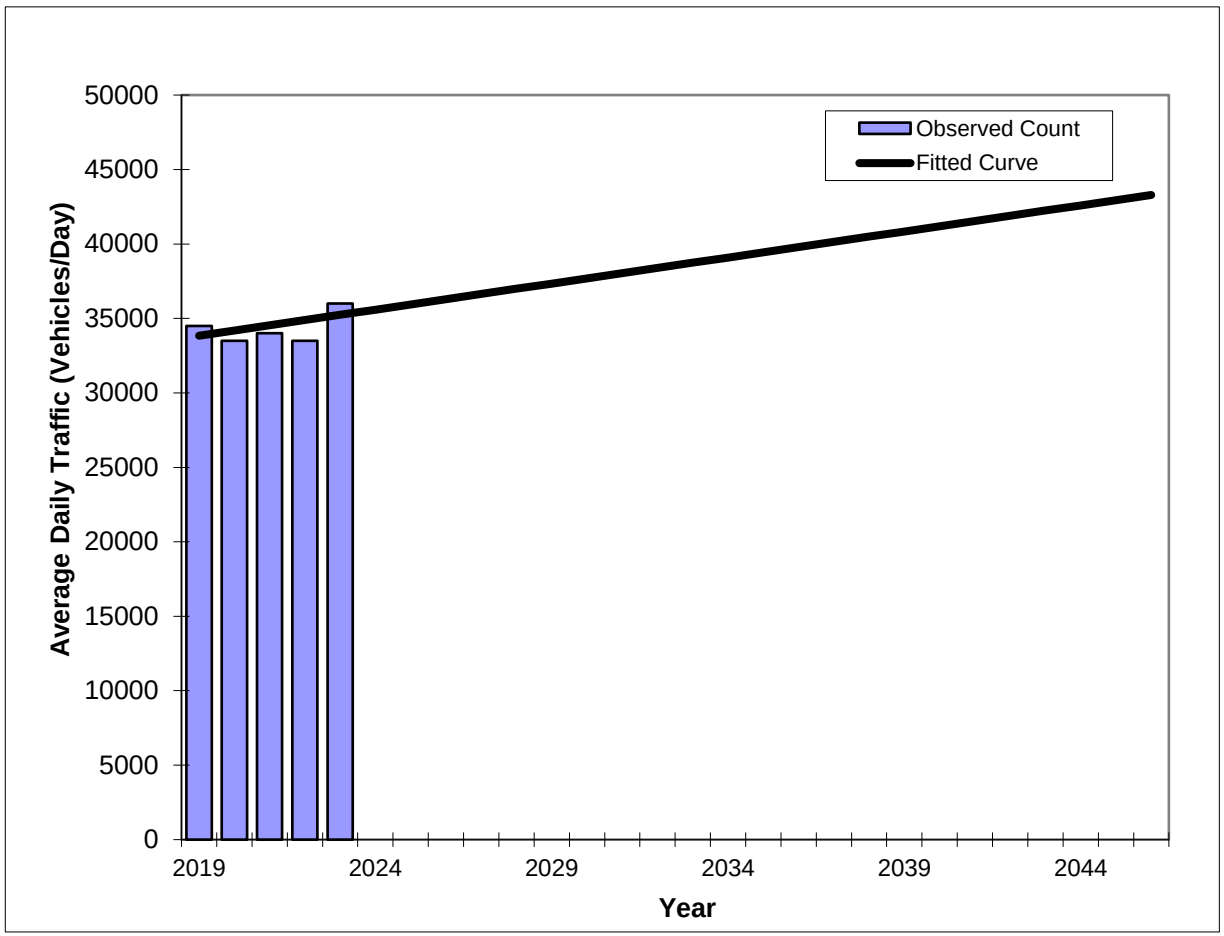
***Axle-Adjusted**

Traffic Trends - V2023

-- TUSKAWILLA RD, N OF SR-426/ALOMA AVE - OFF SYSTEM

FM #	
Location	**1**

County:	Seminole (77)
Station #:	778065
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	34,500	33,840
2020	33,500	34,190
2021	34,000	34,540
2022	33,500	34,890
2023	36,000	35,240
2026 Opening Year Trend		
2026	N/A	36,290
2036 Interim Year Trend		
2036	N/A	39,790
2046 Design Year Trend		
2046	N/A	43,290
FSUTMS Forecasts/Trends		

Annual Trend Increase:	350
Trend R-squared:	39.11%
Trend Annual Historic Growth Rate:	1.03%
Trend Growth Rate (2023 to Design Year)	0.99%
Printed:	12/5/2024

Linear Growth Option

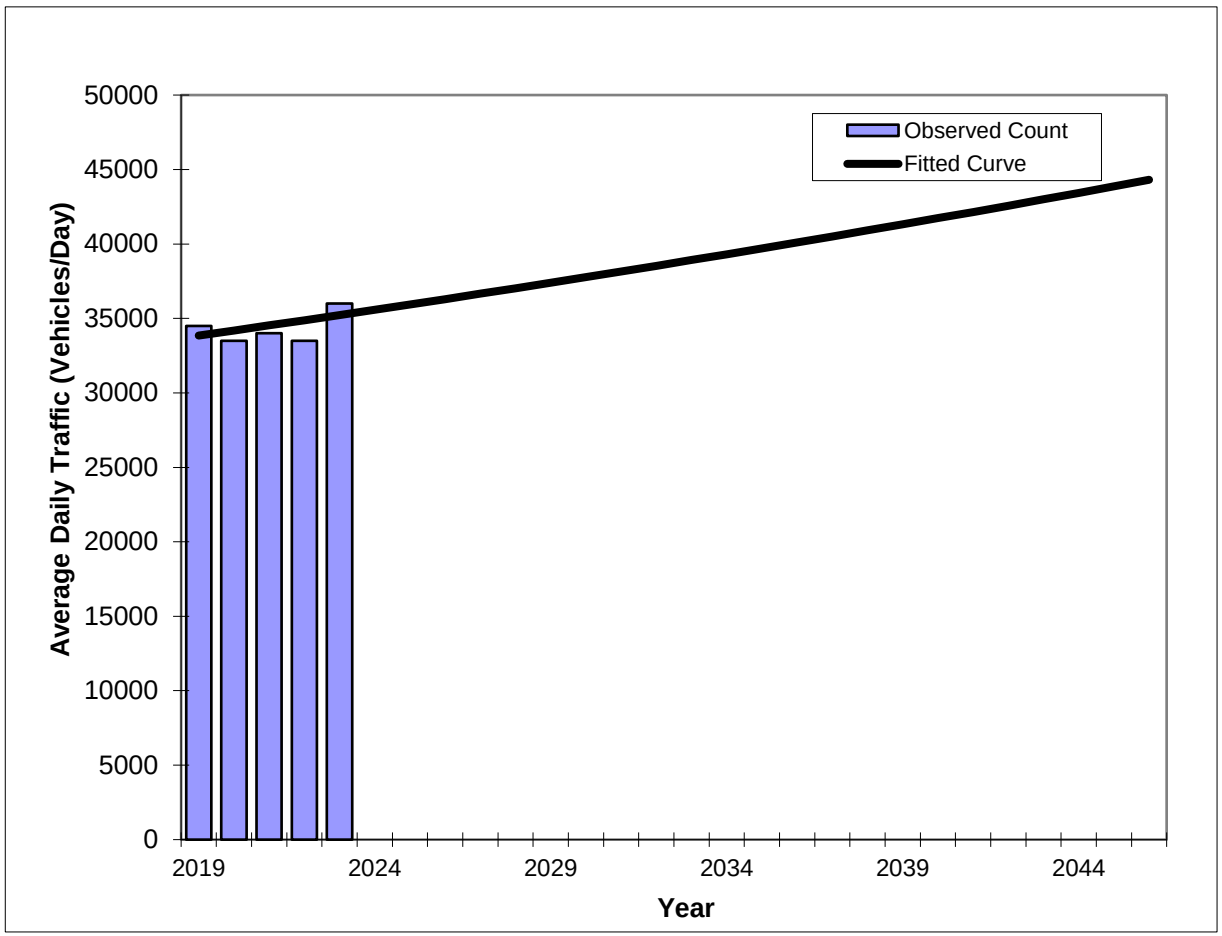
***Axle-Adjusted**

Traffic Trends - V2023

-- TUSKAWILLA RD, N OF SR-426/ALOMA AVE - OFF SYSTEM

FM #	
Location	**1**

County:	Seminole (77)
Station #:	778065
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	34,500	33,850
2020	33,500	34,190
2021	34,000	34,530
2022	33,500	34,880
2023	36,000	35,230
2026 Opening Year Trend		
2026	N/A	36,300
2036 Interim Year Trend		
2036	N/A	40,100
2046 Design Year Trend		
2046	N/A	44,310
FSUTMS Forecasts/Trends		

*Axle-Adjusted

Trend R-squared:	38.68%
Compounded Annual Historic Growth Rate:	1.00%
Compounded Growth Rate (2023 to Design Year)	1.00%
Printed:	12/5/2024

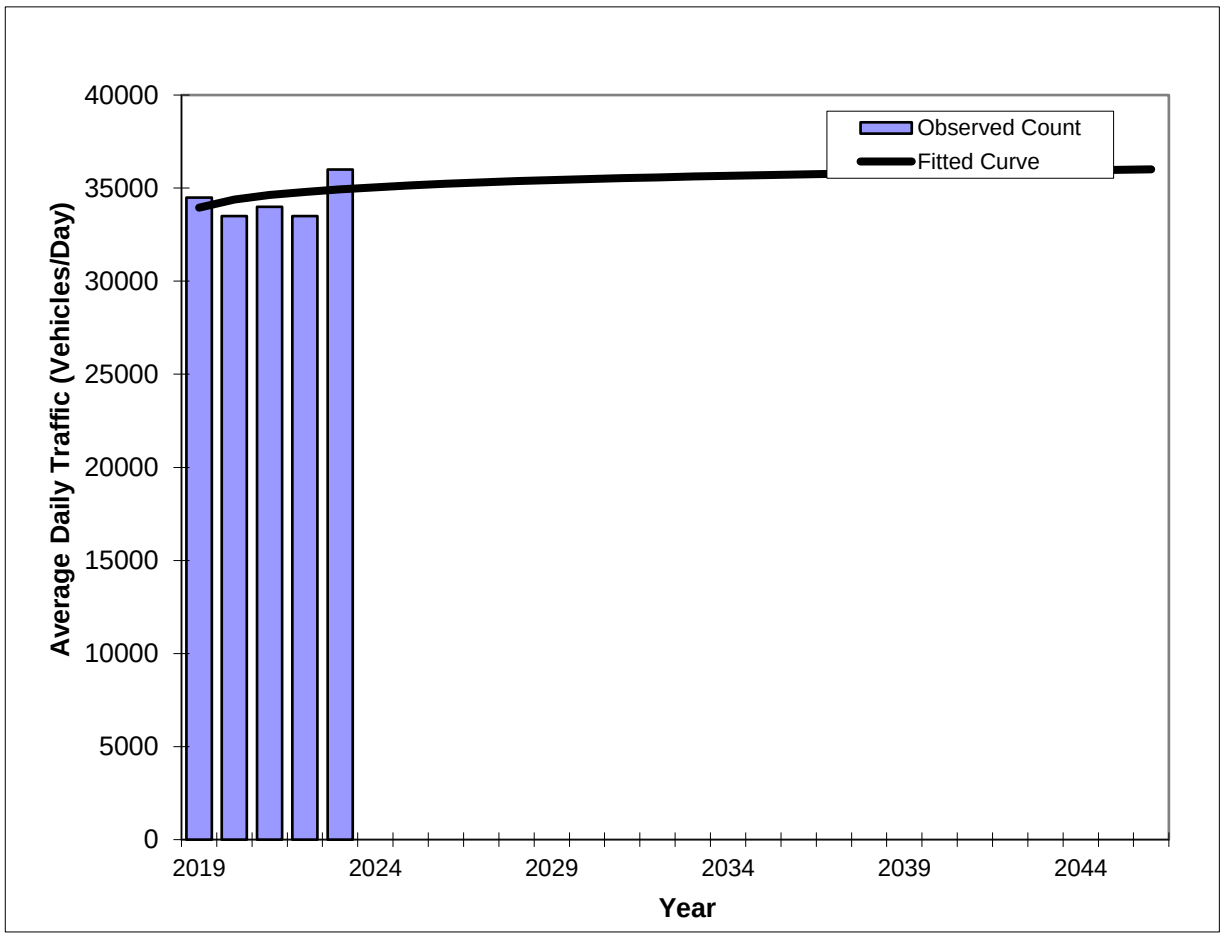
Exponential Growth Option

Traffic Trends - V2023

-- TUSKAWILLA RD, N OF SR-426/ALOMA AVE - OFF SYSTEM

FM #	
Location	**1**

County:	Seminole (77)
Station #:	778065
Roadway:	



Year	Traffic (ADT/AADT) Count*	Trend
2019	34,500	33,950
2020	33,500	34,380
2021	34,000	34,630
2022	33,500	34,800
2023	36,000	34,940
2026 Opening Year Trend		
2026	N/A	35,230
2036 Interim Year Trend		
2036	N/A	35,730
2046 Design Year Trend		
2046	N/A	36,010
FSUTMS Forecasts/Trends		

*Axle-Adjusted

Trend R-squared:	19.65%
Compounded Annual Historic Growth Rate:	0.72%
Compounded Growth Rate (2023 to Design Year)	0.13%
Printed:	12/5/2024

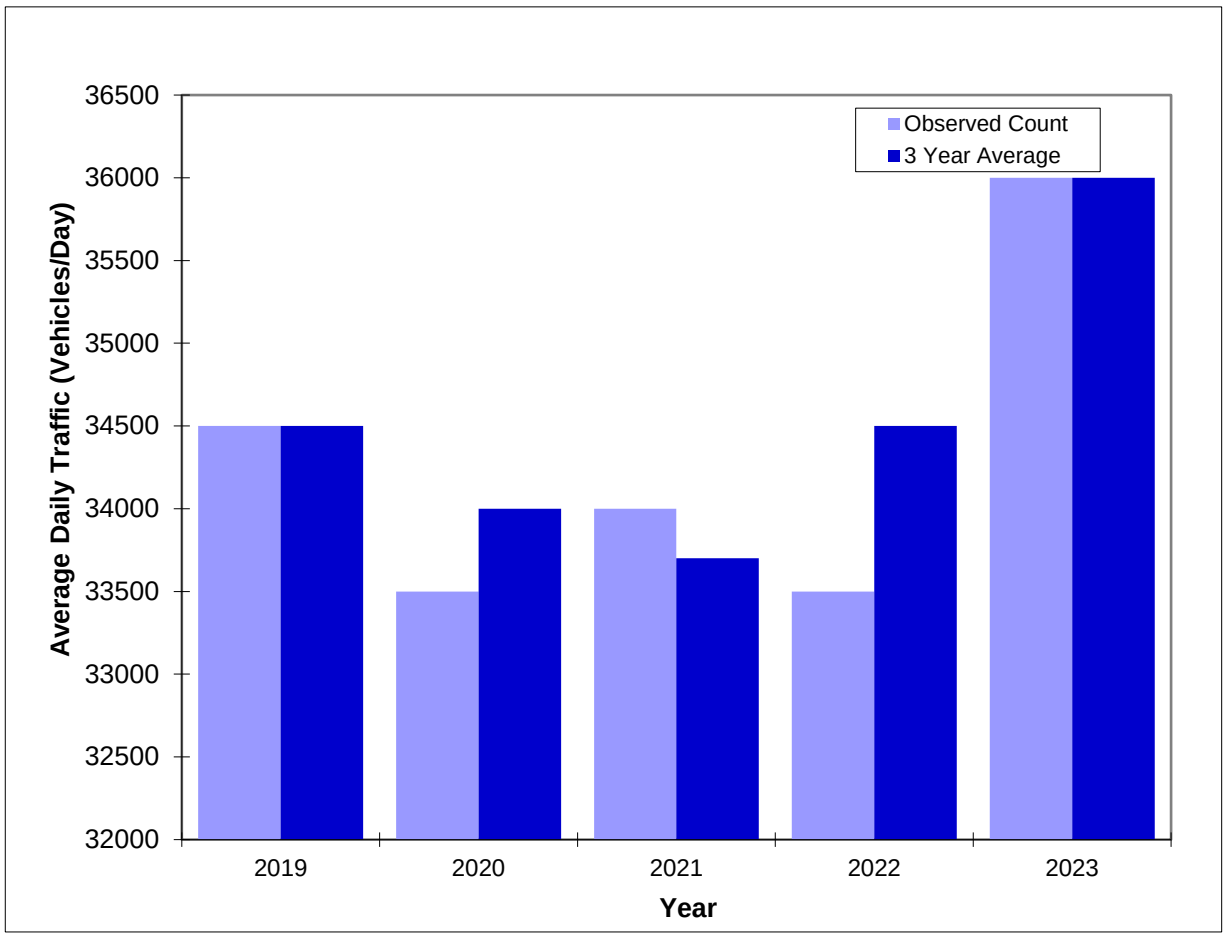
Decaying Exponential Growth Option

Traffic Trends - V2023

-- TUSKAWILLA RD, N OF SR-426/ALOMA AVE - OFF SYSTEM

FM #	
Location	**1**

County:	Seminole (77)
Station #:	778065
Roadway:	



Year	Traffic (ADT/AADT) Count*	3 Yr Avg
2019	34,500	34,500
2020	33,500	34,000
2021	34,000	33,700
2022	33,500	34,500
2023	36,000	36,000

Actual AADT vs 3 Year Average

***Axle-Adjusted**

Historical Trends Analysis

FDOT Site	Location	Years of Historical AADT	Historic Trend Analysis		
			Type	R Square	Annual Growth Rate
#778065	TUSKAWILLA RD, N OF SR-426/ALOMA AVE - OF	2019 to 2023	Linear	**39.11%**	**1.03%**
			Exponential	38.68%	1.00%
			Decaying Exponential	19.65%	0.72%
#770278	ON SR-434, 0.618 MI. E OF TUSKAWILA RD (UVL	2019 to 2023	Linear	**90.37%**	**-2.13%**
			Exponential	89.55%	-2.22%
			Decaying Exponential	75.24%	-1.99%
#771002	ON SR-434, 0.464 MI. E OF SR-419 (UCLP) NW	2019 to 2023	Linear	74.96%	2.70%
			Exponential	**75.07%**	**2.56%**
			Decaying Exponential	53.02%	2.20%

APPENDIX H
ITE Land Use Code

Land Use: 945
Convenience Store/Gas Station

Description

A convenience store/gas station is a facility with a co-located convenience store and gas station. The convenience store sells grocery and other everyday items that a person may need or want as a matter of convenience. The gas station sells automotive fuels such as gasoline and diesel.

A convenience store/gas station is typically located along a major thoroughfare to optimize motorist convenience. Extended hours of operation (with many open 24 hours, 7 days a week) are common at these facilities.

The convenience store product mix typically includes pre-packaged grocery items, beverages, dairy products, snack foods, confectionary, tobacco products, over-the-counter drugs, and toiletries. A convenience store may sell alcohol, often limited to beer and wine. Coffee and pre-made sandwiches are also commonly sold at a convenience store. Made-to-order food orders are sometimes offered. Some stores offer limited seating.

The sites in this land use include both self-pump and attendant-pumped fueling positions and both pre-pay and post-pay operations.

Convenience store (Land Use 851), gasoline/service station (Land Use 944), and truck stop (Land Use 950) are related uses.

Land Use Subcategory

Multiple subcategories were added to this land use to allow for multi-variable evaluation of sites with single-variable data plots. All study sites are assigned to one of three subcategories, based on the number of vehicle fueling positions (VFP) at the site: between 2 and 8 VFP, between 9 and 15 VFP, and between 16 and 24 VFP. For each VFP range subcategory, data plots are presented with GFA as the independent variable for all time periods and trip types for which data are available. The use of both GFA and VFP (as the independent variable and land use subcategory, respectively) provides a significant improvement in the reliability of a trip generation estimate when compared to the single-variable data plots in prior editions of *Trip Generation Manual*.

Further, the study sites were also assigned to one of three other subcategories, based on the gross floor area (GFA) of the convenience store at the site: between 2,000 and 4,000 square feet, between 4,000 and 5,500 square feet, and between 5,500 and 10,000 square feet. For each GFA subcategory range, data plots are presented with VFP as the independent variable for all time periods and trip types for which data are available. The use of both VFP and GFA (as the independent variable and land use subcategory, respectively) provides a significant improvement in the reliability of a trip generation estimate when compared to the single-variable data plots in prior editions of *Trip Generation Manual*.

When analyzing the convenience store/gas station land use with each combination of GFA and VFP values as described above, the two sets of data plots will produce two estimates of site-generated trips. Both values can be considered when determining a site trip generation estimate.

Data plots are also provided for three additional independent variables: AM peak hour traffic on adjacent street, PM peak hour traffic on adjacent street, and employees. These independent variables are intended to be analyzed as single independent variables and do not have sub-categories associated with them. Within the data plots and within the ITETripGen web app, these plots are found under the land use subcategory "none."

Additional Data

ITE recognizes there are existing convenience store/gas station sites throughout North America that are larger than the sites presented in the data plots. However, the ITE database does not include any site with more than 24 VFP or any site with gross floor area greater than 10,000 square feet. Submission of trip generation data for larger sites is encouraged.

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/trip-and-parking-generation/).

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in Alberta (CAN), Arkansas, California, Connecticut, Delaware, Florida, Indiana, Iowa, Kentucky, Maryland, Massachusetts, Minnesota, Nevada, New Hampshire, New Jersey, Pennsylvania, Rhode Island, South Dakota, Texas, Utah, Vermont, Washington, and Wisconsin.

Source Numbers

221, 245, 274, 288, 300, 340, 350, 351, 352, 355, 359, 385, 440, 617, 718, 810, 813, 844, 850, 853, 864, 865, 867, 869, 882, 883, 888, 904, 926, 927, 936, 938, 954, 960, 962, 977, 1004, 1024, 1025, 1027, 1052

Convenience Store/Gas Station - GFA (4-5.5k) (945)

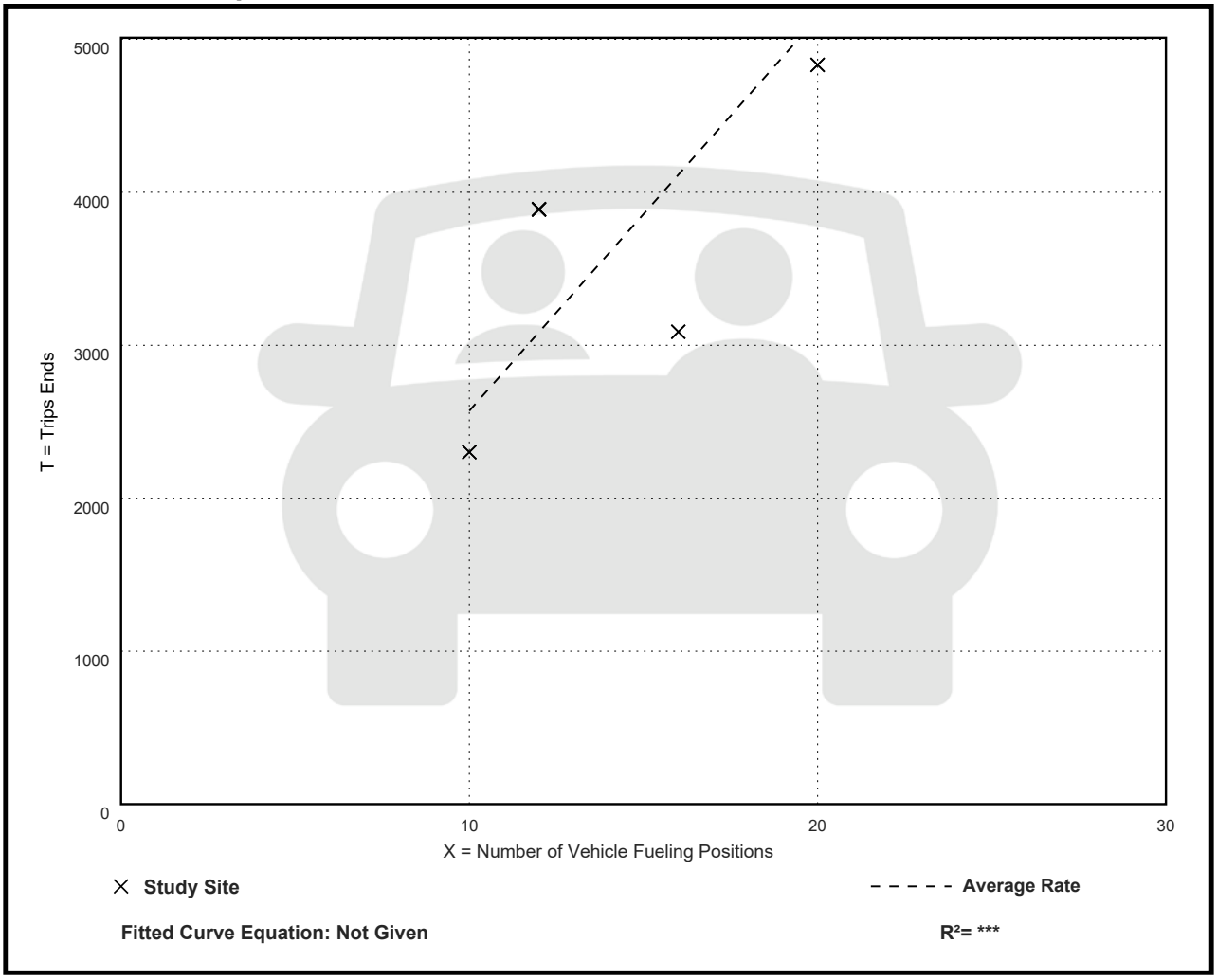
Vehicle Trip Ends vs: Vehicle Fueling Positions
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 5
Avg. Num. of Vehicle Fueling Positions: 14
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
257.13	193.00 - 324.17	57.53

Data Plot and Equation



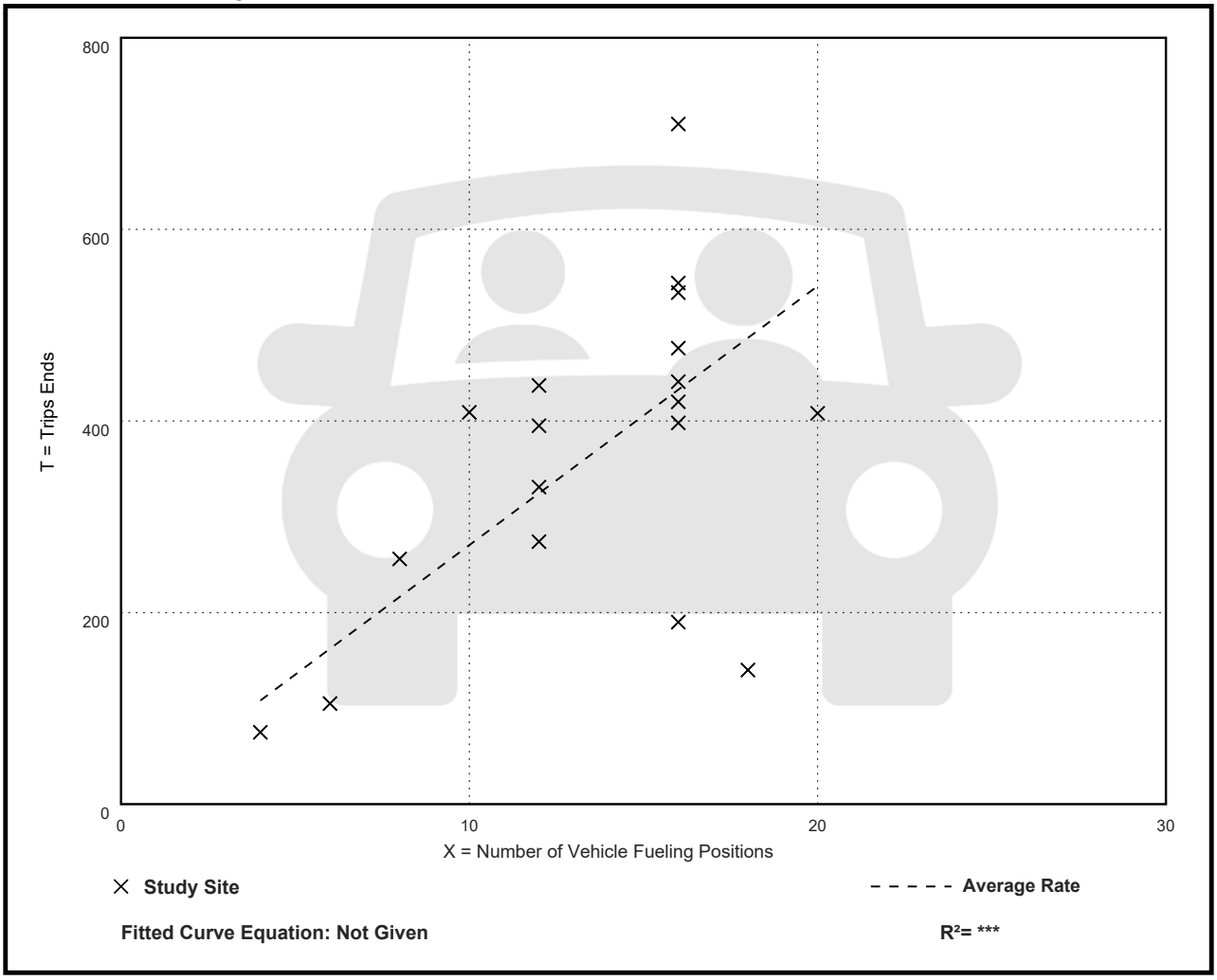
Convenience Store/Gas Station - GFA (4-5.5k) (945)

Vehicle Trip Ends vs: Vehicle Fueling Positions
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.
Setting/Location: General Urban/Suburban
Number of Studies: 18
Avg. Num. of Vehicle Fueling Positions: 13
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
27.04	7.78 - 44.38	9.88

Data Plot and Equation



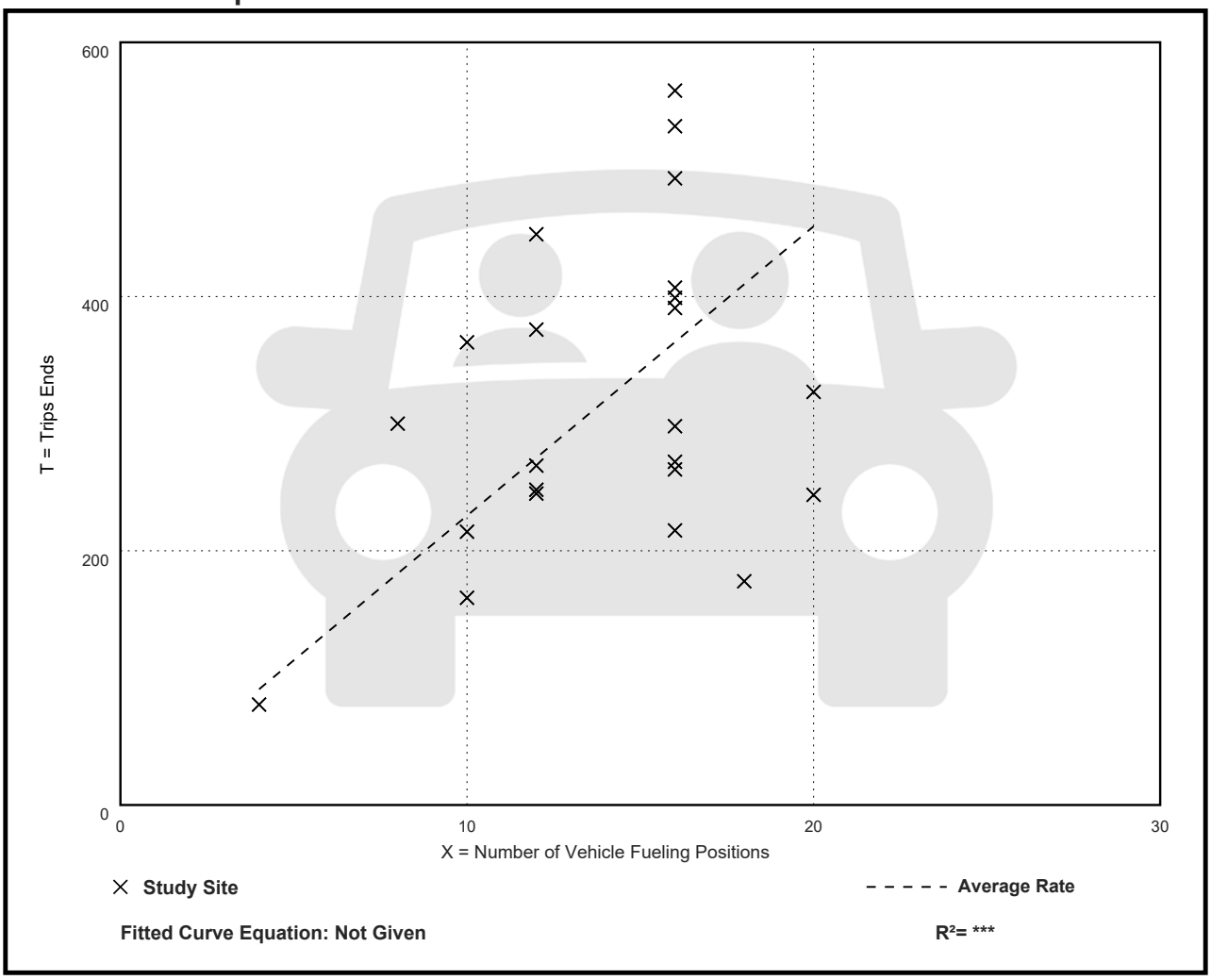
Convenience Store/Gas Station - GFA (4-5.5k) (945)

Vehicle Trip Ends vs: Vehicle Fueling Positions
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
Number of Studies: 23
Avg. Num. of Vehicle Fueling Positions: 14
Directional Distribution: 50% entering, 50% exiting

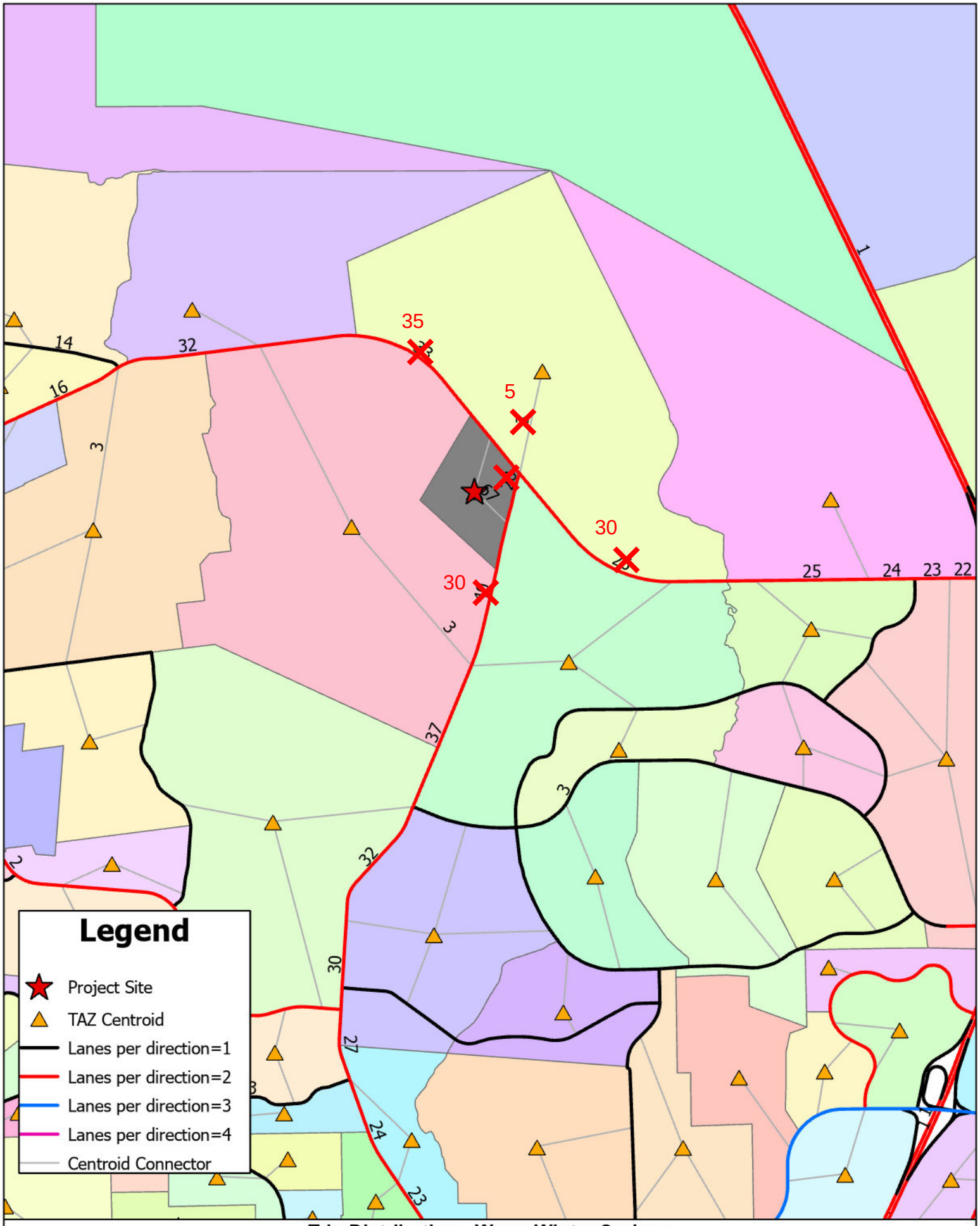
Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
22.76	9.78 - 37.50	8.49

Data Plot and Equation



APPENDIX I
CFRPMv7 Model Plot



Trip Distribution - Wawa Winter Springs
CFRPMv7 - 2025 - November 2024

APPENDIX J
Seminole County Roadway Concurrency Information

Summary of Roadway Concurrency Information

Traffic Counter ID	Roadway Name	From	To	
			Net Available Capacity	-1617
294	SR 434	DeLeon St	E-W Expressway	
			Current Traffic Count	23955
			Roadway Link Capacity	18270
			Committed Trips	293
			Net Available Capacity	-5978
295	SR 434	E-W Expressway	Springs Ave	
			Current Traffic Count	27563
			Roadway Link Capacity	48000
			Committed Trips	0
			Net Available Capacity	20437
296	SR 434	Springs Ave	Tuskawilla Rd	
			Current Traffic Count	27610
			Roadway Link Capacity	48000
			Committed Trips	293
			Net Available Capacity	20097

This information has been provided by Tony Nelson, P.E. at Seminole County Engineering and is current information as of the above referenced date.

Summary of Roadway Concurrency Information

Traffic Counter ID	Roadway Name	From	To	
297	SR 434	Tuskawilla Rd	SR 419	
			Current Traffic Count	36344
			Roadway Link Capacity	48000
			Committed Trips	0
			Net Available Capacity	11656
298	SR 434	SR 419	Belle Ave	
			Current Traffic Count	24671
			Roadway Link Capacity	48000
			Committed Trips	0
			Net Available Capacity	23329
299	SR 434	Belle Ave	US 17-92	
			Current Traffic Count	33165
			Roadway Link Capacity	48000
			Committed Trips	0
			Net Available Capacity	14835
300	SR 434	US 17-92	CR 427	
			Current Traffic Count	23146

This information has been provided by Tony Nelson, P.E. at Seminole County Engineering and is current information as of the above referenced date.

Summary of Roadway Concurrency Information

Traffic Counter ID	Roadway Name	From	To	
			Net Available Capacity	15958
325	TRIPLET LAKE	US 17-92	N. Triplet Lake Dr	
			Current Traffic Count	2483
			Roadway Link Capacity	19360
			Committed Trips	0
			Net Available Capacity	16877
326	TUSKAWILLA RD	SR 434	Trotwood Blvd	
			Current Traffic Count	21241
			Roadway Link Capacity	42560
			Committed Trips	0
			Net Available Capacity	21319
327	TUSKAWILLA RD	Trotwood Blvd	Winter Springs Blvd	
			Current Traffic Count	20748
			Roadway Link Capacity	42560
			Committed Trips	8
			Net Available Capacity	21804

This information has been provided by Tony Nelson, P.E. at Seminole County Engineering and is current information as of the above referenced date.

Wawa at Winter Springs Marketplace

Economic Fiscal Impact

October 2025

This economic fiscal impact is prepared for the proposed development of the Wawa at Winter Springs Marketplace ("Development"). The Development will be a ground up project which will be constructed on the approximately 1.2-acre remaining corner parcel located at the western quadrant of State Road 434 & Tuscawilla Road over the upcoming one-year period.

At final build-out, the Development will consist of approximately 4,750 square feet of convenience store space, plus approximately 5,700 square foot comprising a fuel canopy. The combined uses will bring to completion the development of Winter Springs Marketplace by complimenting the existing uses and creating a one-stop location for residents to cover their daily needs.

Revenue to the City of Winter Springs based on the Development will consist of the Ad Valorem Tax and State Shared Revenues (Revenue Sharing and Half-Cent Sales Tax).

AD VALOREM TAX

The assessed value of the Development is anticipated to be approximately $7,000,000 based on an estimate of today's capitalized value.

The following table provides the 2024 Millage Rate breakdown for properties located within the City of Winter Springs:

	Property Location	County	City	Total
W1	Winter Springs	12.919	2.799	15.718

Based on the 2024 Millage rate, the following are estimated tax revenues to the City of Winter Springs from the Development:

Estimated Assessed Value	Millage Rate	Estimated City Revenue
$7,000,000	2.799	$170,100

STATE SHARED REVENUES (REVENUE SHARING AND HALF-CENT SALES TAX)

The City's State shared revenue is estimated based on retail sales generated by the future development of the shopping center. It is estimated that the Development will generate a yearly sales volume of approximately $5,000,000 based on typical convenience stores in the Central Florida area.

TOTAL REVENUE

Based on the above Ad Valorem Tax and State Shared Revenues, the total revenue to the City of Winter Springs will be approximately $21,500 per year for the overall Development.

PUBLIC HEARINGS AGENDA ITEM 401

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Winter Springs Marketplace Additional Parking – Site/Final Engineering and Development Agreement.

SUMMARY

The development site consists of undeveloped land that is currently part of the Winter Springs Marketplace development. The applicant is proposing to modify the existing parking area and stormwater pond by proposing 10 additional parking spaces for the adjacent Wawa development. The existing site was permitted under the Winter Springs Marketplace (2021-00002152). This site plan was submitted simultaneously with the Wawa at Winter Springs Marketplace Site Plan (FEDP-2025-0016).

FUNDING SOURCE

RECOMMENDATION

Staff recommends that the City Commission recommend approval of the Site/Final Engineering and Development Agreement, subject to the following conditions of approval:

1. Execution of the Development Agreement.
2. Construction on the site shall not begin until the stormwater permit from St. Johns River Water Management District is approved.
3. All grass on the Property shall be Bahia grass. No St. Augustine grass or grass types with low drought tolerance shall be permitted.

PUBLIC HEARINGS AGENDA ITEM

CITY COMMISSION
MONDAY, OCTOBER 13, 2025
REGULAR MEETING

TITLE

Winter Springs Marketplace Additional Parking – Site/Final Engineering and Development Agreement.

SUMMARY

The Community Development Department requests that the City Commission hold a Public Hearing to consider Site/Final Engineering and Development Agreement regarding the applicant's request to add parking and make changes to Robert Family Lane in the Town Center District, T5 Transect.

General Information			
Applicant	Tuskawilla Property Investors, LLC		
Property Owner(s)	WINTER SPRINGS NET, LLC		
Location	180 Tuskawilla Rd		
Tract Size	1.22 Acres		
Parcel ID Number	36-20-30-502-0000-0090		
Zoning Designation	Town Center District, T-5 Transect		
FLUM Designation	Town Center District		
Adjacent Land Use	North: State Road 419/434 East: Tuskawilla Rd		South: Winter Springs Marketplace West: Winter Springs Marketplace
Height	Not applicable		
Setbacks	Front: 25 ft, minimum, 50 ft. maximum	Rear: 15 ft. minimum	Side: 5 ft. minimum, 100 ft. maximum
Development Standards	Lot Coverage 100%		
Development Permits	Not applicable		
Development Agreement	Pending		

Code Enforcement	Not applicable
City Liens	Not applicable

Background Data:

The development site consists of undeveloped land that is currently part of the Winter Springs Marketplace development. The applicant is proposing to modify the existing parking area and stormwater pond by proposing 10 additional parking spaces for the adjacent Wawa development. The existing site was permitted under the Winter Springs Marketplace (2021-00002152). This site plan was submitted simultaneously with the Wawa at Winter Springs Marketplace Site Plan (FEDP-2025-0016).

Public Notices:

Notices were mailed to all owners of real property adjacent to and within approximately five-hundred (500) feet of the subject property and all Homeowner's Associations on file with the City of Winter on July 29, 2025.

A Community Workshop was held on June 30, 2025 at 7:00 PM at The Foundry Church. There were no objections raised at the Community Workshop regarding the proposed development. Please see (Figure "1") Community Workshop Flyer and (Figure "2") Community Workshop Attendance.

Analysis of Final Engineering Plans (Sec. 20-33.1) Criteria:
The criteria for Final Engineering Plans are provided and analyzed below:

(a) Site and final engineering plans and the subdivision of land shall also be subject to the technical requirements set forth in Chapter 9 of the City Code. It is the intent of this section to apply to applications for site and final engineering plans and to any subdivision of land requiring a plat, if applicable, and does not include review and approval of a lot split application.

Please see the discussion below regarding technical requirements of Chapter 9. The Final Engineering Plans have been reviewed by the City's contract engineer, who concluded that the Plans satisfy the technical requirements. provided the conditions of approval set forth below are met.

(b) Except in situations involving one (1) single-family home, the Planning and Zoning Board shall be required to review all site and final engineering plan and subdivision of land applications and make a written recommendation to the city commission. Such recommendation shall include the reasons for the board's recommendation and show the board has considered the applicable criteria set forth in this section.

(c) Upon receipt of the planning and zoning board's recommendation, the city commission shall make a final decision on the application. If the city commission determines that the planning and zoning board has not made a recommendation on an application within a reasonable period of time, the city commission may, at its discretion, consider an application without the planning and zoning board's recommendation.

Except in situations involving one (1) single-family home, all site and final engineering plan and subdivision recommendations and final decisions shall be based on whether the site and final engineering plan and subdivision of land complies with all the technical requirements set forth in chapter 9 of the City Code and the following criteria to the extent applicable:

(1) Whether the applicant has demonstrated the site and final engineering plan and subdivision of land, including its proposed density, height, scale and intensity, hours of operation, building and lighting design, setbacks, buffers, noise, refuse, odor, particulates, smoke, fumes and other emissions, parking and traffic-generating characteristics, number of persons anticipated using, residing or working under the plan, and other off-site impacts, is compatible and harmonious with adjacent land uses, and will not adversely impact land use activities in the immediate vicinity.

Analysis: Subject to the Conditions of Approval, Staff finds that the proposed Development is compatible and harmonious with adjacent land uses and will not adversely impact land use activities in the immediate vicinity.

(2) Whether the applicant has demonstrated the size and shape of the site, the proposed access and internal circulation, and the design enhancements to be adequate to accommodate the proposed density, scale and intensity of the site and final engineering plan requested. The site shall be of sufficient size to accommodate design amenities such as screening, buffers, landscaping, open space, off-street parking, safe and convenient automobile, bicycle, and pedestrian mobility at the site, and other similar site plan improvements needed to mitigate against potential adverse impacts of the proposed use.

Analysis: Staff finds that the Applicant has demonstrated that the size and shape of the site, the proposed access and internal circulation, and the design enhancements to be adequate to accommodate the proposed density, scale, and intensity of the site and final engineering plan requested for the reasons described above.

(3) Whether the proposed site and final engineering plan and subdivision of land will have an adverse impact on the local economy, including governmental fiscal impact, employment, and property values.

Analysis: Staff finds that the proposed site and final engineering plan and subdivision of land will not have an adverse impact on the local economy, including governmental fiscal impact, employment, and property values.

(4) Whether the proposed site and final engineering plan and subdivision of land will have an adverse impact on the natural environment, including air, water, and noise pollution, vegetation and wildlife, open space, noxious and desirable vegetation, and flood hazards.

Analysis: Staff finds that the proposed site and final engineering plan will not have an adverse impact on the natural environment, including air, water, and noise pollution, vegetation and wildlife, open space, noxious and desirable vegetation, and flood hazards. The project is located outside of the special flood hazard area. Adequate stormwater detention will be provided for the project both on-site and through the stormwater system for the Winter Springs Marketplace development, of which this development is a part. Please see Figure "3", Site Plan. An Environmental Site Assessment was provided for the site that dates from 2020. As the property has since been developed, additional studies have not been conducted. Please see Figure "5", Environmental Report.

(5) Whether the proposed site and final engineering plan and subdivision of land will have an adverse impact on historic, scenic, and cultural resources, including views and vistas, and loss or degradation of cultural and historic resources.

Analysis: The proposed site and final engineering plan will have no impact on historical resources. No additional scenic or cultural resources. Including scenic views or vistas, will be impacted by this site and final engineering plan.

(6) Whether the proposed site and final engineering plan and subdivision of land will have an adverse impact on public services, including water, sewer, stormwater and surface water management, police, fire, parks and recreation, streets, public transportation, marina and waterways, and bicycle and pedestrian facilities.

Analysis: City Staff have reviewed this project from a planning and engineering perspective. Staff did not find any adverse impact on any of the public services listed above.

(7) Whether the site and final engineering plan and subdivision of land, and related traffic report and plan provided by the applicant, details safe and efficient means of ingress and egress into and out of the neighborhood and adequately addresses the impact of projected traffic on the immediate neighborhood, traffic circulation pattern for the neighborhood, and traffic flow through immediate intersections and arterials.

Analysis: Transportation questions were not considered with this site plan as they were not relevant to the addition of the ten parking spaces and changes to the stormwater pond.

(8) Whether the proposed site and final engineering plan and subdivision of land will have an adverse impact on housing and social conditions, including variety of housing unit types and prices, and neighborhood quality.

Analysis: As a commercial project, the proposed site and final engineering plan will not have an adverse impact on the variety of housing unit types and prices. As for neighborhood quality, subject to the Conditions of Approval, the proposed site and final engineering plan development will not have an adverse impact on neighborhood quality. See Figure "3", Winter Springs Marketplace Final Engineering and Development Plan.

(9) Whether the proposed site and final engineering plan and subdivision of land avoids significant adverse odor, emission, noise, glare, and vibration impacts on adjacent and surrounding lands regarding refuse collection, service delivery, parking and loading, signs, lighting, and other site elements.

Analysis: Staff finds that proposed site and final engineering plan avoids significant adverse odor, emissions, noise, glare and vibration impacts on adjacent and surrounding lands regarding refuse collection, service delivery, parking and loading, signs, lighting, and other site elements.

(10) Whether the applicant has provided an acceptable security plan for the proposed establishment to be located on the site and final engineering plan and subdivision of land that addresses the safety and security needs of the establishment and its users and employees and minimizes impacts on the neighborhood, if applicable.

Analysis: A security plan is not applicable to the addition of parking spaces and changes to a stormwater pond.

(11) Whether the applicant has provided on the site and final engineering plan and subdivision of land an acceptable plan for the mass delivery of merchandise for new large footprint buildings (greater than twenty thousand (20,000) square feet) including the hours of operation for delivery trucks to come into and exit the property and surrounding neighborhood, if applicable.

Analysis: Not applicable. The project does not involve a large footprint building.

(12) Whether the applicant has demonstrated that the site and final engineering plan and subdivision of land have been designed to incorporate mitigative techniques and plans needed to prevent adverse impacts addressed in the criteria stated herein or to adjacent and surrounding uses and properties.

Analysis: Staff finds that subject to the Conditions of Approval, the site and final engineering plans have been designed to incorporate mitigative techniques and plans needed to prevent the adverse impacts mentioned in the criteria on adjacent and surrounding uses and properties.

(13) If the proposed conditional use is a residential use, whether the elementary, middle and high schools (K—12) that will be initially assigned to the residential project by the school district at the time the city commission considers final

approval of the conditional use have both sufficient capacity, are in close proximity to the project so as to make each of the assigned schools accessible and convenient (e.g., walking distance, travel time, private and public transportation, and quality of route environment) to the majority of the school population that will be drawn from the project, and promote and support the integration of future residents of the project into the existing city of Winter Springs community in a sustainable manner.

Analysis: Not applicable. This is not a residential development.

(14) Whether the applicant has agreed to execute a binding development agreement required by city to incorporate the terms and conditions of approval deemed necessary by the city commission including, but not limited to, any mitigative techniques and plans required by City Code.

Analysis: The applicant has agreed to and is working on a binding development agreement with the City addressing terms and conditions deemed necessary by the City Commission.

Water and Sewer:
Not applicable for this project as water and sewer are not required.

Stormwater:
The applicant included a Drainage and Grading plan as part of the Final Engineering/Site Plan (Figure "3"). Staff have reviewed and approved the information necessary from this development. However, the applicant will also need to receive approval from the St Johns River Water Management District and this approval is included as part of the Conditions of Approval.

Transportation:
Not applicable for this project. A Traffic Impact Analysis was included with FEDP-2025-0016 for Wawa.

Parking:
The Town Center does not have minimum required parking standards, however, the applicant provided documentation (Figure "4") that it would provide an additional ten ("10") parking spaces to meet the needs of the Marketplace.

Reports:
The Final Engineering submittal is required to include the following reports or updates of previously prepared reports for the same property.

Reports	
August 4, 2020	Environmental Report (Figure "5")
December 15, 2020	Geotechnical Report (Figure "6")
December 6, 2024	Parking Analysis (Figure "4")

Procedural History:	
May 6, 2025	Pre-Application Meeting
June 30, 2025	Community Workshop
August 7, 2025	Planning & Zoning Board | Recommendation on Site/Final Engineering Plan and Development Agreement.
August 25, 2025	City Commission | Hearing on Final Engineering Site/Final Engineering Plan and Development Agreement.

Applicable Law, Public Policy, and Events:

Florida Statutes 163.2511-163.3246: Growth Policy; County and Municipal Planning; Land Development Regulation (Provides that land development regulations for municipal planning be consistent with the Comprehensive Plan).

Home Rule Powers

Code of Ordinances City of Winter Springs.

Section 20-1. Definitions.

Fiscal Impact:

A Fiscal Impact Statement was not required for this part of the development.

Development Agreement:

The Applicant is currently working with the City Attorney on the Development Agreement for the project. The Development Agreement shall be executed prior to any work on the project covered within this document.

STAFF RECOMMENDATION

Staff recommends that the City Commission recommend approval of the Site/Final Engineering and Development Agreement, subject to the following conditions of approval:

1. Execution of the Development Agreement.
2. Construction on the site shall not begin until the stormwater permit from St. Johns River Water Management District is approved.
3. All grass on the Property shall be Bahia grass. No St. Augustine grass or grass types with low drought tolerance shall be permitted.

Attachments:

Figure “1” – Community Workshop Flyer
Figure “2” – Community Workshop Attendance Sheet
Figure “3” – Site Plan
Figure “4“ – Parking Study
Figure “5 “ – Environmental Report
Figure “6” – Geotechnical Report
Figure “7” – Development Agreement
Figure “8” – Site Plan Application
Figure “9” – Development Agreement Application

THIS INSTRUMENT WAS PREPARED BY
AND SHOULD BE RETURNED TO:

Anthony A. Garganese
City Attorney of Winter Springs
Garganese, Weiss, D'Agresta & Salzman, P.A.
111 N. Orange Avenue, Suite 2000
Orlando, FL 32802

(407) 425-9566

FOR RECORDING DEPARTMENT USE ONLY

THIRD MODIFICATION TO

DEVELOPMENT AND PROPERTY DIVISION AGREEMENT

(Winter Springs Marketplace – Additional Parking and Modifications to Robert Family Lane)

THIS THIRD MODIFICATION TO DEVELOPMENT AND PROPERTY DIVISION AGREEMENT ("Third Modification") is made and executed this _____ day of _____, 2025, by and between the **CITY OF WINTER SPRINGS**, a Florida Municipal Corporation ("City"), whose address is 1126 East S.R. 434, Winter Springs, Florida 32708, and **THISTLEWOOD WINTER SPRINGS, LLC,** a Florida Limited Liability Company, whose address is 677 King Street, 3rd Floor, Charleston, SC 29403 and **WINTER SPRINGS NET, LLC**, a Florida Limited Liability Company, whose address is 6525 3rd Street, Suite 409, Rockledge, Florida 32955 (collectively "Owners").

WITNESSETH:

WHEREAS, Owners' predecessor in interest, Tuscawilla Property Investors, LLC, and the City entered into and executed that certain Development and Property Division Agreement for Winter Springs Marketplace, dated March 8, 2021, and recorded in the Official Records of Seminole County at Book 9887, Pages 718-751 (the "Development Agreement") as well as that certain First Modification to the Development and Property Division Agreement for Winter Springs Marketplace, dated January 30, 2023, and recorded in the Official Records of Seminole County at Book 10397, Pages 628-643 (the "First Modification"), and that certain Second Modification to the Development and Property Division Agreement for Winter Springs Marketplace, dated _____, and recorded in the Official Records of Seminole County at Book _____, Pages _____ (the "Second Modification"); and

WHEREAS, the Development Agreement governs the development of the Winter Springs Marketplace shopping center, consisting of both the Property and Trust Property, as legally described and defined therein, the Trust Property having been conveyed to Tuscawilla Property

Investors subsequent to the execution and recordation of the Development Agreement, and the Trust Property being more particularly described in Exhibit "D" of the Development Agreement; and

WHEREAS, the Property and Trust Property have been subdivided and are no longer entirely owned by Tuscawilla Property Investors, LLC; and

WHEREAS, as described in the Second Modification, Tuscawilla Property Investors, LLC, desires to construct a Wawa neighborhood convenience store with gas pumps on the Resulting Trust Property Parcel #2, as more particularly described in Exhibit "G" of the Second Modification; and

WHEREAS, Tuscawilla Property Investors, LLC, as authorized by the Owners, further desires to modify the existing parking area of the Winter Springs Marketplace development by adding an additional 10 parking spaces which will be available to service the proposed Wawa development located upon the Resulting Trust Property Parcel #2, and by remodeling a portion of Roberts Family Lane which services the Property and Trust Property, as more particularly described and depicted on **Exhibit "J,"** attached hereto and incorporated herein by this reference (hereinafter the "Parking and Access Improvements"); and

WHEREAS, the Parking and Access Improvements are located on a portion of the Property within the Winter Springs Marketplace now owned by the Owners; and

WHEREAS, Section 20-29(c) of the City Code requires that all site plans shall be binding on the use of the subject property; and

WHEREAS, this Third Modification shall be recorded against a portion of the Property described herein so that the terms and conditions of approval shall run with the land; and

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties mutually agree as follows:

1.0 Recitals. The foregoing recitals are true and correct and are hereby incorporated herein by this reference.

2.0 Authority. This Third Modification is entered into pursuant to the Florida Municipal Home Rule Powers Act.

3.0 The Project Area. The real property that is the subject of this Third Modification is legally described in **EXHIBIT "I,"** attached hereto and fully incorporated herein by this reference for convenience (the "Improvements Project Area").

4.0 Project Description and Requirements; Phasing. Tuscawilla Property Investors has constructed Phases I and II of the Winter Springs Marketplace shopping center on the Property, as well as supporting infrastructure, stormwater pond, parking lots, and landscaping. Owners intend to construct certain improvements, consisting of ten (10) additional parking spaces in the

Improvements Project Area and certain improvements to Roberts Family Lane, as depicted in **Exhibit "J."**

(Hereinafter, all project description and requirements and references to the **"Parking and Access Improvements"** shall refer to the additional parking spaces and the associated improvements to Roberts Family Lane).

Owners shall construct the Parking and Access Improvements in a manner consistent with the approved Final Engineering/Site Plans that are on file with the City with the following file numbers and consistent with the requirements contained in this Third Modification:

File Nos: FEDP-2025-0017. FINAL ENGINEERING/SITE PLAN.

The overall Final Engineering/Site Plan for the Parking and Access Improvements is attached hereto as **EXHIBIT "J"** for convenience and incorporated herein by this reference.

5.0 Conditions of Approval. Specific conditions of approval for the above-referenced Final Engineering Plans include the following, which are also addressed in the staff report for the Final Engineering/Site Plans:

a. All grass areas in the Improvements Project Area shall use Bahia grass. No St. Augustine grass or any grass type with low drought tolerance shall be permitted.

b. Construction of the Parking and Access Improvements shall not commence until appropriate permitting has been obtained from the St. Johns River Water Management District, to the extent required.

6.0 Termination of Approval as to Parking and Access Improvements. In the event the Owners or their authorized agents fail to obtain the building permit and substantially commence construction of the Parking and Access Improvements within two (2) years of the Effective Date of this Third Modification, then the City shall have the right to terminate and/or void the approvals set forth herein and require the Owners to reapply to the City. The Owners may apply to the City Commission for an extension of this deadline, which may be granted upon good cause shown.

7.0 Representations of the Parties. The City and Owners hereby each represent and warrant to the other that it has the power and authority to execute, deliver and perform the terms and provisions of this Third Modification and has taken all necessary action to authorize the execution, delivery and performance of this Third Modification. The Owners further agrees and make the following representations and warranties to the City:

A. The Owners are lawfully seized of the Improvements Project Area property in fee simple and has full and lawful authority to execute this Third Modification and bind the Improvements Project Area property as set forth herein.

This Third Modification will, when duly executed and delivered by the City and Owners, constitute a legal, valid and binding obligation enforceable against the parties hereto. Upon recording of this Third Modification in the Public Records of Seminole County, Florida, the Third Modification shall be a binding obligation upon the Improvements Project Area property in accordance with the terms and conditions of this Agreement. Owners represent that it has voluntarily and willfully executed this Third Modification for purposes of binding himself and the Project Area property to the terms and conditions set forth in this Third Modification.

8.0 Successors and Assigns. This Third Modification shall automatically be binding upon and shall inure to the benefit of the City and Owners and their respective successors and assigns. The terms and conditions of this Third Modification similarly shall be binding upon the Improvements Project Area property, and shall run with title to the same upon being duly recorded against the Improvements Project Area property by the City.

9.0 Effective Date. This Third Modification shall become effective upon approval by the City Commission and execution by all parties hereto.

10.0 Recordation. Upon full execution by the Parties, this Third Modification shall be recorded in the Public Records of Seminole County, Florida by the City and shall be binding upon the Improvements Project Area property and all future owners thereof.

11.0 Effect of Modification. All other terms and conditions of the Development Agreement, First Modification, and Second Modification not in conflict with this Third Modification, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal on the date first above written.

CITY OF WINTER SPRINGS

By: _____
Kevin McCann, Mayor

Date: _____

ATTEST:

By: _____
Christian Gowan, City Clerk

CITY SEAL

APPROVED AS TO FORM AND LEGALITY
For the use and reliance of the City of Winter Springs, Florida only.

Date: _____
By: _____
Anthony A. Garganese, City Attorney for the City of Winter Springs, Florida

STATE OF FLORIDA
COUNTY OF SEMINOLE

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by Kevin McCann, Mayor of the City of Winter Springs, Florida**,** a Florida municipal corporation, on behalf of the corporation, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

Signed, sealed and delivered in the presence of the following witnesses:

WINTER SPRINGS NET, LLC

By: _____
Print Name:_____

Date: _____

_____
Signature of Witness

_____
Printed Name of Witness

_____
Signature of Witness

_____
Printed Name of Witness

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by _____, the Manager of Winter Springs Net, LLC**,** a limited liability company, on

behalf of the company, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

Signed, sealed and delivered in the presence of the following witnesses:

THISTLEWOOD WINTER SPRINGS, LLC

By: _____
Print Name:_____

Date: _____

_____
Signature of Witness

_____
Printed Name of Witness

_____
Signature of Witness

_____
Printed Name of Witness

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by _____, the Manager of Thistlewood Winter Springs, LLC**,** a limited liability company, on behalf of the company, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

OWNERS ARE HEREBY ADVISED THAT SHOULD OWNERS FAIL TO FULLY EXECUTE, AND DELIVER TO THE CITY, THIS AGREEMENT WITHIN THIRTY (30)

DAYS FROM THE DATE THAT THE CITY COMMISSION APPROVES THIS AGREEMENT, THIS AGREEMENT, AND THE DEVELOPMENT PERMIT APPROVALS REFERENCED HEREUNDER, SHALL AUTOMATICALLY BE DEEMED NULL AND VOID.

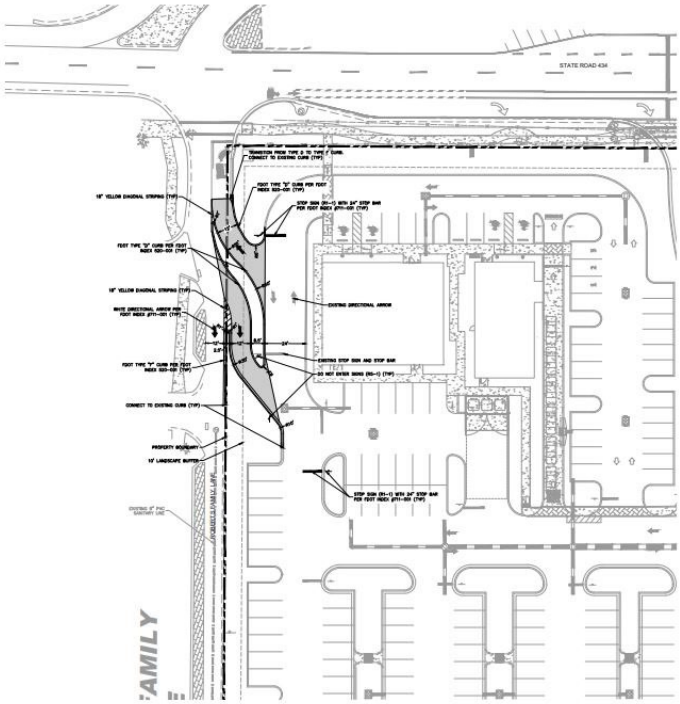
EXHIBIT I

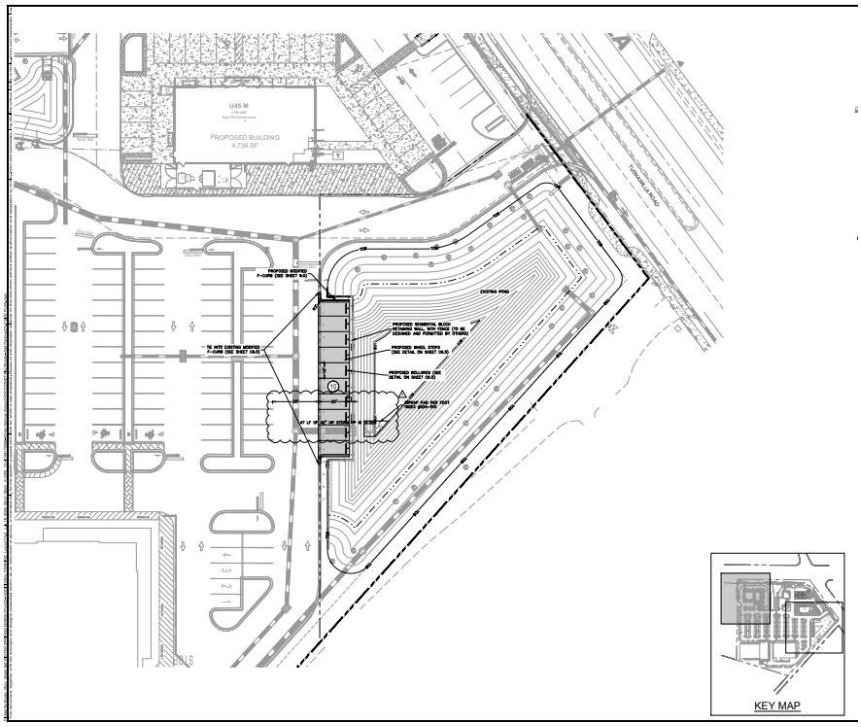
LEGAL DESCRIPTION OF IMPROVEMENTS PROJECT AREA

Lots 1, 3, and Tract C of the Winter Springs Marketplace plat, recorded in the Plat Book of Seminole County, Book 88, Page 5.

EXHIBIT J

OVERALL SITE PLAN FOR PARKING AND ACCESS IMPROVEMENTS





JOINDER AND CONSENT

For and in consideration of the mutual covenants, terms, and conditions and restrictions contained herein, together with other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **One Florida Bank**, a Florida banking corporation, as holder of that certain Mortgage and Security Agreement, which is recorded in Official Records Book 10171, Page 569 of the Public Records of Seminole County, Florida, as modified or affected by that certain Assignment of Leases and Rents, recorded in Official Records Book 10171, Page 585, that certain First Modification of Mortgage and Assignment of Leases and Rents, recorded in Official Records Book 10435, Page 458, that certain UCC-1 Financing Statement recorded in Official Records Book 10171, Page 593, and that certain UCC-1 Financing Statement Amendment, which is recorded in Official Records Book 10435, Page 461, and that certain Notice Pursuant to Florida Statutes, Section 713.10, recorded in Official Records Book 10435, Page 464, all of the Public Records of Seminole County, Florida (collectively, the "Mortgage",) hereby joins in and consents to the foregoing Third Modification to the Development and Property Division Agreement by and between the City of Winter Springs, a Florida municipal corporation, and Thistlewood Winter Springs, LLC, a Florida limited liability company, and Winter Springs Net, LLC, a Florida limited liability company, and further acknowledges and agrees that its Mortgage shall be subordinated to such Third Modification to the Development and Property Division Agreement and the obligations contained therein.

Dated this _____ day of _____, 2025.

Signed and sealed in the presence of:

By: _____

_____ Name: _____

Print Name: _____ Title :_____

Address: _____

_____

Print Name: _____

Address: _____

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by _____, the _____ of _____, a _____, on behalf of the company, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

COMMUNITY WORKSHOP

Date: June 30, 2025 @ 6:00 P.M.

Location: The Foundry Church – Classroom 5
1491 E. State Road 434, Winter Springs, FL 32708

Community Workshop to consider Final Engineering Site Plans, Aesthetic Review and Conditional Use in order to construct a 4,736 sq. ft. gas station/convenience store in the Winter Springs Marketplace within the Town Center District on the subject site.



Project: Wawa gas station/convenient store

Location: SW corner of Tuskawilla Road and E. State Road 434
Parcel ID: 36-20-30-502-0000-0090
Acreage: ± 1.22-acre project
Zoning: Town Center District (T5)
Future Land Use: Town Center (TC)
Applicant/Presenter: Ryan Stahl, Scott Kearney, Kimley-Horn Associates

COMMUNITY WORKSHOP SIGN-IN SHEET

PROJECT NAME: Wawa gas station/convenient store

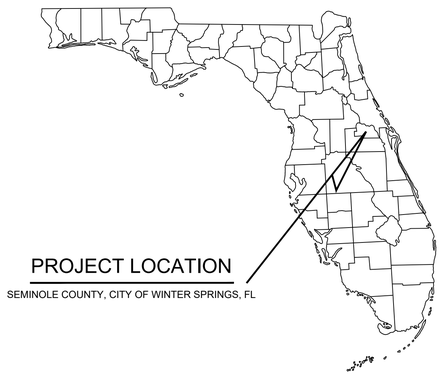
MEETING LOCATION & DATE: The Foundry Church (Classroom #5) – June 30, 2025

NAME	MAILING ADDRESS (STREET, CITY, ZIP)	E-MAIL ADDRESS
1. LOUIS ATTI	119 MCLEODS WAY WINTER SPRINGS 32708	ACCESSIBLE@MSN.COM
2. Gina + Jeff Shafer	Winter Springs Villiage	
3. Mark Caruso	1054 chokecherry Dr	mcaruso@winterspringsfl.org
4. Daina Todd	630 S. Maitland Ave, ste 100 Maitland 32751	Daina@equinox-development.com
5. Kristin Banks	630 S Maitland Ave, Ste 100 Maitland FL	kristin@equinox-development.com
6. Cory Sitler	6876 Morwick Lane, Ste 350, Orlando, FL 32827	cory.sitler@kimley-horn.com
7. Stephen Donahoe	1233 Natures Way Winter Springs FL 32708	steve@donahoe.com
8. LINDA FREESLIRN	1604 COUGAR CT 32708	
9. Krystal Kearney	609 Timberwilde Ct.	
10. Lalon Grago	1212 Deer Run Dr., Winter Springs, FL 32708	Lgrago@aol.com
11. Maureen Landgraf	443 Tradition Ln. WSpr.	
12. Victoria Bruce	city Hall	Vbruce@winterspringsfl.org
13. Leah Wegman	Brookshire	
14. Jennifer Garnett	City of Winter Springs	jgarnett@winterspringsfl.org
15.		
16.		
17.		
18.		
19.		
20.		

CIVIL SITE CONSTRUCTION PLANS
FOR
WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

PARCEL #01-21-30-5VK-0C00-0000
JULY 2025

CITY OF WINTER SPRINGS, FL





AERIAL PHOTOGRAPH
N.T.S.

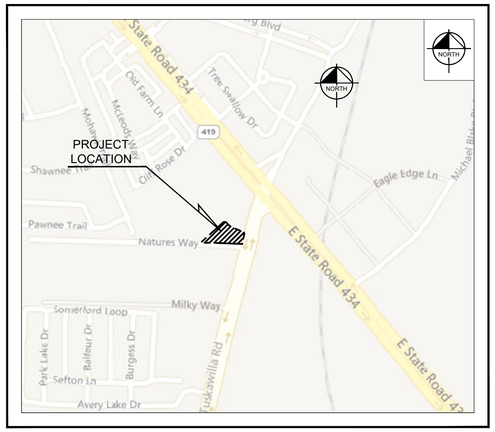
LEGAL DESCRIPTION

PARCEL 1:
LOT 7, JOE E. JOHNSTON'S SURVEY, RECORDED IN DEED BOOK 147, PAGE 221, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, AND ALSO BEING THAT PART OF THE UNPLATTED PART OF BLOCK B OF D. R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT 186 FEET NORTH 38 DEGREES 45 MINUTES WEST OF THE MOST EASTERLY CORNER OF THAT PART OF SAID BLOCK B LYING SOUTHWEST OF THE SANFORD-OVIEDO ROAD AND RUNNING NORTH 38 DEGREES 45 MINUTES WEST, 200 FEET ALONG THE WESTERLY LINE OF THE SANFORD-OVIEDO; THENCE SOUTH 51 DEGREES 15 MINUTES WEST 650.30 FEET; THENCE SOUTH 22 DEGREES 15 MINUTES EAST 208.8 FEET; THENCE NORTH 51 DEGREES 15 MINUTES EAST 710.14 FEET TO THE POINT OF BEGINNING;
LESS AND EXCEPT THAT PART TAKEN FOR ROAD RIGHT OF WAY BY THE ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 2803, PAGE 1023, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.

PARCEL 2:
THAT PART OF THE UNPLATTED PART OF BLOCK B OF D. R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT 186 FEET NORTH 38 DEGREES 45 MINUTES WEST OF THE MOST EASTERLY CORNER OF THAT PART OF SAID BLOCK B LYING SOUTHWEST OF THE SANFORD-OVIEDO HIGHWAY AND RUNNING NORTH 38 DEGREES 45 MINUTES WEST 200 FEET ALONG THE WESTERLY LINE OF THE SANFORD-OVIEDO HIGHWAY; THENCE SOUTH 51 DEGREES 15 MINUTES WEST 710.14 FEET; THENCE SOUTH 22 DEGREES 15 MINUTES EAST 208 FEET; THENCE NORTH 51 DEGREES 15 MINUTES EAST 770 FEET TO THE POINT OF BEGINNING;
LESS AND EXCEPT THAT PART TAKEN FOR ROAD RIGHT OF WAY BY THE ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 2831, PAGE 1024, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.

PARCEL 3:
THAT PART OF THE UNPLATTED PART OF BLOCK B OF D. R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, OF THE PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, DESCRIBED AS FOLLOWS: BEGINNING AT THE MOST EASTERLY CORNER OF THAT PART OF SAID BLOCK B LYING SOUTHWESTERLY OF THE SANFORD-OVIEDO HIGHWAY AND RUNNING NORTH 38 DEGREES 43 MINUTES 16 SECONDS WEST 186.0 FEET ALONG THE WESTERLY LINE OF THE RIGHT OF WAY OF THE SANFORD-OVIEDO HIGHWAY; THENCE SOUTH 51 DEGREES 15 MINUTES WEST 770.0 FEET; THENCE SOUTH 22 DEGREES 15 MINUTES EAST, 13.5 FEET TO THE SOUTHWEST CORNER OF THE UNPLATTED PART OF BLOCK B; THENCE EAST ALONG THE NORTH LINE OF TUSKAWILLA, A DISTANCE OF 497.0 FEET; THENCE NORTH 30 DEGREES EAST 420.0 FEET TO THE POINT OF BEGINNING; ALSO DESCRIBED AS LOT 9, ACCORDING TO JOE E. JOHNSTON'S SURVEY AS RECORDED IN DEED BOOK 147, PAGE 221, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.
TOGETHER WITH THE WEST HALF OF THE VACATED STREET ADJACENT ON THE EAST AS SET FORTH IN RESOLUTION RECORDED IN OFFICIAL RECORDS BOOK 2972, PAGE 373, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA;
LESS AND EXCEPT ROAD RIGHTS OF WAY AS SET FORTH IN ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 2831, PAGE 1024, AND WARRANTY DEED TO SEMINOLE COUNTY, FLORIDA, RECORDED IN OFFICIAL RECORDS BOOK 8377, PAGE 27, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.

PARCEL 4:
THAT PART OF LOT 8 BLOCK A, D. R. MITCHELL'S SURVEY OF THE LEVY GRANT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 1, PAGE 5, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA, LYING WESTERLY FROM THE WESTERLY FIFTY FEET FROM THE CENTER LINE OF TUSKAWILLA ROAD; TOGETHER WITH THE EAST HALF OF THE VACATED STREET ADJACENT ON THE WEST AS SET FORTH IN RESOLUTION RECORDED IN OFFICIAL RECORDS BOOK 2972, PAGE 373, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA;
LESS AND EXCEPT ROAD RIGHTS OF WAY AS SET FORTH IN WARRANTY DEED TO COUNTY OF SEMINOLE RECORDED IN OFFICIAL RECORDS BOOK 1571, PAGE 707; ORDER OF TAKING RECORDED IN OFFICIAL RECORDS BOOK 2831, PAGE 1024; AND WARRANTY DEED TO SEMINOLE COUNTY, FLORIDA, RECORDED IN OFFICIAL RECORDS BOOK 8377, PAGE 27, PUBLIC RECORDS OF SEMINOLE COUNTY, FLORIDA.



SECTION 09, TOWNSHIP 22S, RANGE 26E
LOCATION MAP
N.T.S.

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C0.0	COVER SHEET
C1.0	GENERAL NOTES
C1.1	GENERAL NOTES
C2.0	EROSION CONTROL DETAILS
C2.1	SWPPP NOTES
C3.0	OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN
C3.1	EXISTING CONDITIONS AND DEMOLITION PLAN
C3.2	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0	OVERALL SITE PLAN
C4.1	SITE PLAN
C4.2	SITE PLAN
C5.0	OVERALL PAVING GRADING & DRAINAGE
C5.1	PAVING GRADING & DRAINAGE PLAN
C5.2	PAVING GRADING & DRAINAGE PLAN
C6.0	CONSTRUCTION DETAILS
L1.00	LANDSCAPE PLAN
L1.51	LANDSCAPE SPECIFICATIONS
L1.50	LANDSCAPE DETAILS

PROJECT TEAM

OWNER/DEVELOPER
TUSCAWILLA PROPERTY INVESTORS LLC.
630 S. MAITLAND AVE., SUITE 100
MAITLAND, FL 32751
CONTACT: RYAN STAHL
PHONE: (407) 628-0077
EMAIL: Rstahl@equinox-development.com

ENGINEER
KIMLEY HORN AND ASSOCIATES, INC.
200 S. ORANGE AVE., SUITE 600
ORLANDO, FL 32801
CONTACT: CORY SITLER, P.E.
PHONE: (407) 427-1612
EMAIL: cory.sitler@kimley-horn.com

LANDSCAPE ARCHITECT
KIMLEY HORN AND ASSOCIATES, INC.
200 S. ORANGE AVE., SUITE 600
ORLANDO, FL 32801
CONTACT: SCOTT MINGONET, PLA, AICP
PHONE: (407) 898-1511
EMAIL: scott.mingonet@kimley-horn.com

SURVEYOR
IRELAND & ASSOCIATES SURVEYING, INC
800 CURRENCY CIRCLE, SUITE 1020
LAKE MARY, FL 32746
CONTACT: PATRICK IRELAND, P.L.S.
PHONE: (407) 678-3366
EMAIL: shannosurv@aol.com

PREPARED BY
Kimley»Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
6876 MARWICK LANE, SUITE 350, ORLANDO FL 32827
Phone: (407) 898-1511
WWW.KIMLEY-HORN.COM CA 00000696

CORY N. SITLER LICENSE No. 89984 STATE OF FLORIDA PROFESSIONAL ENGINEER

CORY SITLER FL P.E. # 89984

WINTER SPRINGS MARKETPLACE-
ADDITIONAL PARKING
K-H PROJECT# 149170026 07/18/2025

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS #1	07/18/25	MMB

Drawing name: K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONST\PlanSheets- Add Parking\C0.0 COVER SHEET.dwg COVER SHEET Jul 18, 2025 8:49am by: MaryBusby
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Plotted By:Bixby, Mary Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:GENERAL NOTES July 18, 2025 08:49:45am K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONST\PlanSheets- Add Parking\C1.0 GENERAL NOTES.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, SUCH AS DEWATERING PERMITS, RIGHT OF WAY PERMIT(S), EXCAVATION/FILL PERMIT(S), FIRE PROTECTION PERMIT(S), OR UNDERGROUND UTILITY PERMIT(S), PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL INSPECTION CRITERIA OF APPLICABLE AGENCIES, SCHEDULING OF INSPECTIONS, AND OBTAINING REQUIRED INSPECTIONS FROM AGENCY.
2. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY IRELAND & ASSOCIATES AND SURVEYING, INC. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES, AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OF THE SURVEY. SHOULD A DISCREPANCY ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, WHICH WOULD APPRECIABLY AFFECT THE EXECUTION OF THESE PLANS, THE CONTRACTOR SHALL HALT CONSTRUCTION AND NOTIFY THE OWNER, ENGINEER, AND APPLICABLE GOVERNING AGENCY IMMEDIATELY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING (HORIZONTALLY AND VERTICALLY) ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES (DURING STANDARD BUSINESS HOURS) TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, TEMPORARY DISTRIBUTION SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. THE CONTRACTOR SHALL COOPERATE WITH UTILITY COMPANY (DURING STANDARD BUSINESS HOURS) DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. FLORIDA LAW (F.S. 556) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA: SUNSHINE STATE ONE-CALL OF FLORIDA) BY CALLING 800-432-4770 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPONSE TO THE POSITIVE RESPONSE SYSTEM.
4. ALL DISTURBED AREAS (ON-SITE AND/OR OFF-SITE) NOT DESIGNED OR NOTED TO BE LANDSCAPED OR SODDED, SHALL BE MULCHED AND SEEDED.
5. THE CONTRACTOR SHALL NOT EXCAVATE, REMOVE, OR OTHERWISE DISTURB ANY MATERIAL, STRUCTURE, OR PART OF A STRUCTURE WHICH IS LOCATED OUTSIDE THE LINES, GRADES, OR GRADING SECTIONS ESTABLISHED FOR THIS PROJECT, EXCEPT WHERE SUCH EXCAVATION OR REMOVAL IS PROVIDED FOR IN THE CONTRACT, PLANS, OR SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS.
6. ALL WORK AND MATERIALS FURNISHED SHALL BE IN CONFORMITY WITH THE LINES, GRADES, GRADING SECTIONS, CROSS SECTIONS, DIMENSIONS, MATERIAL REQUIREMENTS, AND TESTING REQUIREMENTS THAT ARE SPECIFIED IN THE CONTRACT PLANS OR SPECIFICATIONS.
7. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION, AS APPLICABLE AT THE TIME ALL PERMITS HAVE BEEN OBTAINED.
8. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
9. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES.
10. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO THE OWNER'S ENGINEER FOR REVIEW.

    SHOP DRAWINGS OF ALL DRAINAGE STRUCTURES, MATERIALS, AND COMPONENTS TO BE INSTALLED WITHIN CITY OF WINTER SPRINGS PUBLIC RIGHTS-OF-WAY, SHALL BE SUBMITTED TO THE CITY OF WINTER SPRINGS FOR REVIEW AND APPROVAL. UPON ENGINEER OR RECORD'S COMPLETION OF REVIEW AND APPROVAL OF SHOP DRAWINGS FOR WORK WITHIN THE CITY OF WINTER SPRINGS'S JURISDICTION THE ENGINEER OF RECORD SHALL COORDINATE SHOP DRAWING SUBMITTALS TO THE CITY OF WINTER SPRINGS FOR THEIR REVIEW AND APPROVAL.
11. CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATION(S) OF UNDERGROUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAD(S) AND ASSOCIATED ELECTRIC FACILITIES.
12. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
13. THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOAD RESTRICTIONS IN HAULING OF MATERIALS IN PUBLIC ROADS BEYOND THE LIMITS OF WORK. A SPECIAL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR THE DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL AND EQUIPMENT.
14. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA.
15. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
16. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARD PLANS FOR ROAD CONSTRUCTION" (ED. 2025-26) FOR DETAILS AND SPECIFICATIONS OF ALL CURB AND GUTTERS CALLED FOR IN THESE PLANS WITHIN PUBLIC RIGHTS OF WAY.
17. WHERE ASPHALT PAVING MEETS CONCRETE PAVING SUCH AS AT CONCRETE CURBING, THE ASPHALT SHOULD BE FINISHED ¼" TO ½" ABOVE THE CONCRETE SURFACE TO ALLOW FOR FURTHER TRAFFIC COMPACTION OF THE ASPHALT.
18. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE SOIL AND/OR PAVEMENT TESTING WITH THE GEOTECHNICAL ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE GEOTECHNICAL SOILS REPORT. UPON COMPLETION OF WORK, THE GEOTECHNICAL ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
19. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
20. ALL CONCRETE SIDEWALKS SHALL BE CONSTRUCTED PER FDOT DESIGN INDEX (ED. 2025/2026) #522-001.
21. SITEWORK SHALL COMPLY WITH 2025 FLORIDA BUILDING CODE AND FLORIDA ACCESSIBILITY CODE.
22. ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED AND SHALL COPY THE CITY OF WINTER SPRINGS ON ANY WELL ABANDONMENT PERMITS.
23. . ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.

TREES AND VEGETATION

1. THE CONTRACTOR IS TO MINIMIZE THE REMOVAL OF VEGETATION TO THE GREATEST EXTENT PRACTICAL. NO TREES SHALL BE REMOVED OR DAMAGED WITHOUT OWNER'S APPROVAL. TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED BY ORANGE FENCING.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS AND RETENTION AND DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
3. REFER TO LANDSCAPE PLANS FOR DETAILS REGARDING TREE REMOVAL AND TREE PRESERVATION.

STORM DRAINAGE SYSTEM

1. THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARDS" (ED. 2025/2026) IS REFERRED TO FOR THE STRUCTURAL DESIGN OF DRAINAGE STRUCTURES SPECIFIED IN THESE PLANS, AS REFERENCED BY STANDARD INDEX. ALL SPECIALTY DRAINAGE STRUCTURES REQUIRE SEPARATE STRUCTURAL DESIGN, WHICH IS NOT INCLUDED IN THESE PLANS. STATION OFFSETS ARE TO THE CENTERLINE OF THE STRUCTURE TOP (I.E. DITCH BOTTOM INLET OR CURB INLET TOP), AS OPPOSED TO THE STRUCTURE BASE.
2. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS.
3. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES, WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS. LENGTHS OF PIPE SHOWN WHICH TERMINATE WITH MITERED END OR FLARED END SECTIONS ARE MEASURED TO THE DOWNSTREAM INVERT OF THE MITERED END OR FLARED END SECTION.
4. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED SHALL BE TRAFFIC RATED FOR H-20 LOADINGS.
5. CONSTRUCTION OF THE STORM WATER MANAGEMENT SYSTEM MUST BE COMPLETE AND ALL DISTURBED AREAS STABILIZED IN ACCORDANCE WITH THE PERMITTED PLANS AND CONDITIONS PRIOR TO ANY OF THE FOLLOWING: ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY; INITIATION OF INTENDED USE OF THE INFRASTRUCTURE; OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.
6. STORM WATER PIPES, STRUCTURES, MINIMUM COVER, AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH F.D.O.T. AND THE CITY OF WINTER SPRINGS STANDARDS AND SPECIFICATIONS.
7. DURING CONSTRUCTION, NO DIRECT DISCHARGE OF WATER TO DOWNSTREAM RECEIVING WATERS WILL BE ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER QUALITY AND SHALL ROUTE DISCHARGE WATER IN SUCH A MANNER AS TO ADEQUATELY REMOVE SILT PRIOR TO RUNOFF FROM THE SITE.
8. ALL DRAINAGE PIPES SHALL BE FILTER FABRIC WRAPPED PER FDOT STANDARD DESIGN INDEX (ED. 2025/2026) #430-001.
9. THE CONTRACTOR SHALL MAINTAIN AND PROTECT THE STORMWATER COLLECTION SYSTEM (INLETS, PIPES) FROM EXCESSIVE MUD, SILT, DIRT, DEBRIS, TRASH, ETC. UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE INSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL CLEAN AND FLUSH STORM PIPES AND INLETS OF ALL EXCESSIVE SILT, DEBRIS, ETC. THE CITY OF WINTER SPRINGS SHALL BE NOTIFIED OF THE FINAL INSPECTION OF THE STORMWATER SYSTEM SHOULD A REPRESENTATIVE WANT TO ATTEND.

SAFETY

1. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
2. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL PROVIDE FOR THE SAFETY AND CONTROL OF LOCAL TRAFFIC DURING CONSTRUCTION. ADDITIONAL INFORMATION MAY BE REQUIRED IF LANE CLOSURE DURATIONS ARE LONGER THAN DAYTIME OPERATIONS.

DEMOLITION

1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS.
3. CONTRACTOR SHALL CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
4. CONTRACTOR SHALL PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN".
5. CONTRACTOR SHALL RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
6. CONTRACTOR SHALL REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER.
7. CONTRACTOR SHALL DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED".
8. CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.

DEWATERING NOTES

1. DURING THE EXCAVATION OF THE STORMWATER FACILITIES, AND IF GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL CONSTRUCT A SEDIMENT BASIN TO PROVIDE A DISCHARGE POINT FOR DEWATERING. THE SEDIMENT BASIN CAN BE IN THE PROPOSED EXCAVATION AREA OF A POND OR IT CAN BE A BERMED AREA ABOVE GROUND. ALL DEWATERING MUST BE HELD IN THE SEDIMENT AREA UNTIL THE WATER IS CLEAN SUCH THAT THERE WOULD BE NO TURBID DISCHARGE. AFTER THE WATER IN THE SEDIMENT BASIN IS CLEAN, THE WATER MAY BE RELEASED INTO THE ON-SITE POND PROVIDED THERE IS NO ADVERSE IMPACT TO THE EXISTING WATER QUALITY.
2. UNDER NO CIRCUMSTANCES WILL THE DISCHARGE FROM THE ON-SITE DEWATERING BE DIRECTLY DISCHARGED OFFSITE.
3. IF CONTRACTOR ENCOUNTERS SILTY/CLAY SAND, WHICH CAUSES THE WATER TO BECOME TURBID, HE/SHE SHALL TREAT THE SEDIMENT BASIN WITH CHEMICAL ADDITIVE SUCH AS ALUM IN ORDER TO PROMOTE THE COAGULATION OF THE PARTICLES WHICH ALLOW THE TO SETTLE AND THE WATER TO BECOME LESS TURBID. IF TURBID WATER ENCOUNTERED DURING EXCAVATION OF THE PONDS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY TO DETERMINE THE COURSE OF ACTION THAT IS APPROPRIATE TO ELIMINATE THE TURBIDITY AND ALLOW DISCHARGE THAT MEETS WATER QUALITY STANDARDS.
4. THE CONTRACTOR SHALL SEQUENCE THE EXCAVATION OF THE STORMWATER PONDS SUCH THAT A SEDIMENT BASIN WILL BE AVAILABLE AT ALL TIMES. THE SEDIMENT BASIN CAN BE RELOCATED AS NECESSARY SUBJECT TO THE WATER WITHIN THE SEDIMENT BASIN BEING NON-TURBID AND ACCEPTABLE FOR DISCHARGE OFF-SITE.

EARTHWORK / GRADING / DEMUCKING PROCEDURES

1. A GEOTECHNICAL ENGINEERING INVESTIGATION REPORT HAS BEEN PREPARED, OF WHICH COPIES ARE AVAILABLE THROUGH THE OWNER OR THEIR SOIL TESTING COMPANY. A GEOTECHNICAL ENGINEER SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE ON-SITE INSPECTIONS DURING EXCAVATION/FILL OPERATIONS AND TESTING OF THE COMPACTED FILL SO THAT PROPER DOCUMENTATION OF THE REQUIRED COMPACTING CRITERIA CAN BE PROVIDED. THE CITY OF WINTER SPRINGS SHALL BE COPIED ON ALL INSPECTION REPORTS.
2. CONTRACTOR TO FOLLOW THE GUIDANCE OF THE REFERENCED GEOTECHNICAL ENGINEERING INVESTIGATION REPORT OR INDICATE WHETHER ON-SITE GEOTECHNICAL ENGINEER SHALL DETERMINE DEPTH OF DEMUCKING AND/OR REMOVAL OF UNSUITABLE FILL.
3. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS IN A LEGAL MANNER.
4. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
5. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE OWNER OR THEIR SOILS TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
7. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
8. THE CONTRACTOR SHALL INSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ALL HEADWALL/ENDWALL FOOTINGS, RETAINING WALL FOOTINGS, AND IN GENERAL, ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO FINAL INSTALLATION OF IMPROVEMENTS.
9. ANY UNSUITABLE ORGANIC SOIL SHALL BE EXCAVATED TO A MINIMUM MARGIN OF 6 FEET BEYOND ITS PERIPHERY EXCAVATED TO EXPOSE THE UNDERLYING NON-ORGANIC FINE SAND.
10. IF DETERMINED NECESSARY, DEWATERING DURING EXCAVATING/BACKFILLING OPERATIONS MAY BE ACCOMPLISHED BY DITCHING AND THE USE OF SUMP PUMPS AND/OR OTHER METHODS (WELL POINTS), AS NECESSARY. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR DEWATERING ACTIVITIES THAT MAY BE REQUIRED.
11. UPON APPROVAL OF THE GEOTECHNICAL ENGINEER, THE EXCAVATED AREAS MAY BE BACKFILLED WITH CLEAN FINE SAND FREE OF UNSUITABLE OR DELETERIOUS MATERIAL. HOWEVER, THE FILL SHOULD NOT BE PLACED IN MORE THAN 6 INCHES OF STANDING WATER. ONCE THE FILL IS AT LEAST 2 FEET ABOVE THE DEWATERED LEVEL, BACKFILLING MAY PROCEED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
12. SEDIMENT CONTROL MEASURES SHOULD BE EMPLOYED DURING THE CONSTRUCTION PROCESS TO KEEP THE POND FROM RECEIVING SIGNIFICANT AMOUNTS OF STORMWATER RUNOFF FROM THE SURROUNDING CONSTRUCTION SITE. THIS RUNOFF IS LIKELY TO CONTAIN SUSPENDED FINE-GRAINED SOIL PARTICLES THAT CAN IMPEDE THE INFILTRATION CAPACITY OF THE PONDS IF ALLOWED TO SETTLE OUT ON THE POND BOTTOMS. IF DEWATERING EFFLUENT OR STORMWATER RUNOFF FROM THE ACTIVE CONSTRUCTION SITE IS DISCHARGED TO THE POND, CONTRACTOR SHALL SCRAPE AND REMOVE FINE-GRAINED SEDIMENTS THAT HAVE ACCUMULATED ON THE POND BOTTOM, AND REPLACE WITH SUITABLE SOIL TO THE PLAN SPECIFIED GRADE ELEVATIONS. REQUIRED DEPTH OF SCRAPE AND REMOVAL SHALL BE DETERMINED BY GEOTECHNICAL ENGINEER.

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	NMB

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LICENSED LANDSCAPE ARCHITECT CHRISTOPHER N. STELLER LICENSE NUMBER 6667 STATE OF FLORIDA PROFESSIONAL ENGINEER DATE

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

GENERAL NOTES

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING
CITY OF WINTER SPRINGS FL

SHEET NUMBER
C1.0

Plotted By: Busby, Mary Sheet Set: WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout: GENERAL NOTES (2) July 18, 2025 08:49:51am K:\ORL_Civil\149170026-Winter Springs Wawa\CAD\CONST\PlanSheets- Add Parking\C1.0 GENERAL NOTES.dwg
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F.D.O.T. RIGHT-OF-WAY WORK GENERAL NOTES

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
2. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
3. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.
4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN ON PLANS.
6. THE CONTRACTOR SHALL REMOVE ANY ORGANIC AND PLASTIC MATERIAL ENCOUNTERED IN THE FIELD IN ACCORDANCE WITH FDOT 2023/2024 STANDARD PLANS INDEX 120-002. COST OF REMOVAL OF ORGANIC AND PLASTIC MATERIAL AND BACKFILL OF SUITABLE MATERIAL IN ACCORDANCE WITH FDOT 2023/2024 STANDARD PLANS INDEX 120-001 SHALL BE INCLUDED IN THE COST OF REGULAR EXCAVATION.
7. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
8. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
9. FLORIDA LAW (F.S. 556) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA: SUNSHINE STATE ONE-CALL OF FLORIDA) BY CALLING 800-432-4770 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPONSE TO THE POSITIVE RESPONSE SYSTEM.
10. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND SURVEYS BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND PROTECT EXISTING UTILITY FACILITIES DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WITH UTILITY OWNERS.
11. ALL MAINTENANCE OF TRAFFIC (MOT) ITEMS REQUIRED IN ACCORDANCE WITH FDOT 2023/2024 STANDARD PLANS INDEX '102-' SERIES INDICES SHALL BE FURNISHED, INSTALLED, AND MAINTAINED TO PROPERLY MAINTAIN TRAFFIC AND ADDRESS DROP OFF CRITERIA IN THE WORK ZONE.
12. NO LANES CLOSED BETWEEN THE HOURS OF 6:00 AM TO 8:00 PM.
13. THE EXISTING POSTED SPEED LIMIT ON SR-434 WILL REMAIN DURING ALL PHASES OF CONSTRUCTION.
14. ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED BY THE CONTRACTOR PER INDEX 600 AND WHEN THE CONFLICT NO LONGER EXISTS THE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC.
15. IF ONLY FDOT 2023/2024 STANDARD PLANS INDEX (SUCH AS #'S. 102-600, 102-611, 102-612, 102-613, 102-616, 102-660, ETC.) WILL BE USED, THEN THE CONTRACTOR WILL NOT BE REQUIRED TO PROVIDE SIGNED AND SEALED MAINTENANCE OF TRAFFIC (M.O.T.) PLANS. IF THE CONTRACTOR REQUIRES M.O.T. PLANS OTHER THAN THE 2023/2024 STANDARD PLANS INDICES, THEN THE CONTRACTOR WILL HAVE TO SUBMIT SIGNED AND SEALED PLANS TO FDOT FOR REVIEW AND APPROVAL.
16. MAINTENANCE OF TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT 2023/2024 STANDARD PLANS INDEX, 2023 FDOT DESIGN MANUAL (FDM), THE STANDARDS SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2019) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (ED. 2009 AND 2012 SUPPLEMENT) AS A MINIMUM.
17. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO CLOSING ANY LANES OR BEGINNING ANY CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY.
18. TEST RESULTS OF ANY TESTS TAKEN FOR OR DURING CONSTRUCTION OF THE PERMITTED WORK SHALL BE PROVIDED TO THE FDOT UPON REQUEST.
19. IF THE DEPARTMENT DETERMINES THAT AS-BUILT CONDITIONS VARY SIGNIFICANTLY FROM APPROVED PLANS, THE PERMITTEE OR THE PERMITTEE'S CONTRACTOR SHALL PROVIDE AS-BUILT PLANS, ALONG WITH A RECORD DRAWINGS REPORT BY PERMITTEE'S PROFESSIONAL ENGINEER, FORM 850-040-19, WITHIN 30 DAYS OF COMPLETING CONSTRUCTION.
20. ALL DISTURBED AREAS WITHIN FDOT RIGHT-OF-WAY MUST BE SODDED ONLY WITH COMMON BERMUDA SOD.
21. CONTRACTORS CERTIFICATE OF LIABILITY INSURANCE MUST BE ISSUED PRIOR TO STARTING CONSTRUCTION IN FDOT RIGHT-OF-WAY.
22. MAINTENANCE OF TRAFFIC:
    a. FOR WORK WITHIN FDOT RIGHT-OF-WAY, THE CONTRACTOR SHALL PROVIDE A TEMPORARY TRAFFIC CONTROL PLAN PREPARED UNDER THE DIRECTION OF, AND SIGNED AND SEALED BY, A LICENSED FLORIDA PROFESSIONAL ENGINEER WHO IS EXPERIENCED IN PREPARING TRAFFIC CONTROL PLANS AND WHO IS CERTIFIED PER FDOT PROCEDURE, TOPIC NO. 625-010-010.
    b. FOR WORK WITHIN FDOT RIGHT-OF-WAY, THE FDOT REQUIRES DOCUMENTATION FOR SUCCESSFUL COMPLETION OF AN APPROVED WORK ZONE TRAFFIC CONTROL TRAINING COURSE FOR THE AGENCY, UTILITY, OR CONTRACTOR EMPLOYEE(S) DESIGNING, INSTALLING, AND/OR MAINTAINING THE APPROVED MAINTENANCE OF TRAFFIC PLAN IN ACCORDANCE WITH DEPARTMENT PROCEDURE, TOPIC NO. 625-010-010.
    c. ALL TEMPORARY TRAFFIC CONTROL DEVICES FOR THE FOLLOWING FACILITIES SHALL BE DESIGNED AND INSTALLED TO MEET THE EXISTING POSTED SPEEDS AS STATED FOR ALL TRAFFIC CONTROL PHASES: SR-434 – 50 MPH
23. ALL WORK PERFORMED WITHIN FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH FDOT 2020 STANDARD PLANS INDEX, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2019) ND THE UTILITY ACCOMMODATION MANUAL (ED. 2017).
24. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO FDOT FACILITIES CAUSED BY CONSTRUCTION OF THE PROJECT.
25. ALL SIDEWALK CLOSURES SHALL ABIDE TO THE STANDARD PROCEDURES PER FDOT 2023/2024 RD PLANS INDEX 102-660.
26. ALL CONCRETE SIDEWALKS SHALL BE CONSTRUCTED PER FDOT 2023/2024 STANDARD PLANS INDEX 522-001 & 522-002.
27. ALL ROADWAY SIGNAGE AND/OR SIGNAGE COLUMS/POSTS LOCATED WITHIN RIGHT-OF-WAY IMPACTED BY PROPOSED IMPROVEMENTS SHALL BE ADJUSTED AND/OR RE-INSTALLED IN ACCORDANCE WITH 2023/2024 STANDARD PLANS INDEX AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ED. 2019).
28. A COPY OF THE FDOT PERMIT FOR WORK WITHIN THE SR 434 ROW SHALL BE FURNISHED TO THE CITY OF WINTER SPRINGS.

PAVING, GRADING AND DRAINAGE

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE GEOTECHNICAL ENGINEER OF RECORD OR THE OWNERS ENGINEERS. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS AND PER THE GEOTECHNICAL REPORT. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
3. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
4. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED.
5. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.
6. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
7. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE 2023/2024 EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS.
8. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL.
9. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER POURED)
10. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX #711-001.
11. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.
12. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
13. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES.
14. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A REGISTERED LAND SURVEYOR AT CONTRACTORS EXPENSE.
15. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
16. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND JURISDICTIONAL PERMITTING AGENCIES.
17. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.

PAVING/GRADING TESTING AND INSPECTION

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE SOILS REPORT. UPON COMPLETION OF WORK THE SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
2. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS AND GEOTECHNICAL REPORT, THE VARIOUS AGENCIES AND PERMIT CONDITIONS. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THESE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.
3. A COPY OF ALL TESTING REPORTS SHALL BE FURNISHED TO THE CITY OF WINTER SPRINGS.

CONTRACTOR'S AS-BUILT

1. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH THE OWNER'S ENGINEER WITH COMPLETE "AS-BUILT" INFORMATION, CERTIFIED BY A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA. AT A MINIMUM, THIS "AS-BUILT" INFORMATION SHALL INCLUDE: TOP OF PIPE/INVERT ELEVATIONS AND HORIZONTAL LOCATIONS OF ALL WATER, SANITARY SEWER, AND RECLAIM WATER UTILITIES INSTALLED (AS APPLICABLE); PAVEMENT GRADE BREAK LOCATIONS AND SUFFICIENT ELEVATIONS OF FINISHED GRADE SURFACES WHICH ALLOW THE ENGINEER TO DETERMINE COMPLIANCE WITH THE PROPOSED DESIGN; TOP, GRATE, & INVERT ELEVATIONS OF THE STORMWATER COLLECTION SYSTEM, INCLUDING THE POND GRADES (TOP, BANK, BOTTOM), POND CONTROL STRUCTURE, & SWALES; ANY IMPROVEMENTS WITHIN FDOT OR COUNTY RIGHT-OF-WAYS.
2. THE DIGITAL "AS-BUILT" FILE, PROVIDED IN AUTOCAD FORMAT, SHALL ALSO BE PROVIDED IN THE FLORIDA STATE PLANE COORDINATE SYSTEM. NO ENGINEER'S CERTIFICATIONS OF COMPLETION OR REQUESTS FOR FINAL ACCEPTANCE WILL BE SUBMITTED UNTIL THIS INFORMATION HAS BEEN RECEIVED AND APPROVED BY THE OWNER'S ENGINEER.
3. SURVEYOR AS-BUILT SHALL CONTAIN COMPLETED ASSET TABLE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS UTILITY STANDARDS AND SPECIFICATIONS.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

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1	REVISED PER CITY COMMENTS	07/18/25	NMB

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LICENSED LANDSCAPE ARCHITECTURAL CONSULTANT, KRISTY N. SITTLER, LICENSE NUMBER 1667, STATE OF FLORIDA, REGISTERED LANDSCAPE ARCHITECT, DATE

LICENSED PROFESSIONAL ENGINEER, CORY N. SMITH, LICENSE NUMBER 84267, STATE OF FLORIDA, REGISTERED PROFESSIONAL ENGINEER, DATE

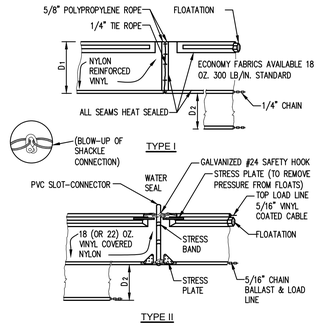
KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

GENERAL NOTES

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

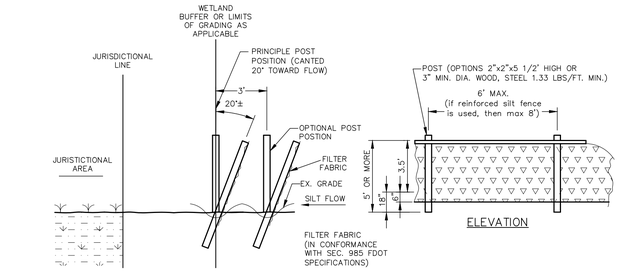
SHEET NUMBER C1.1



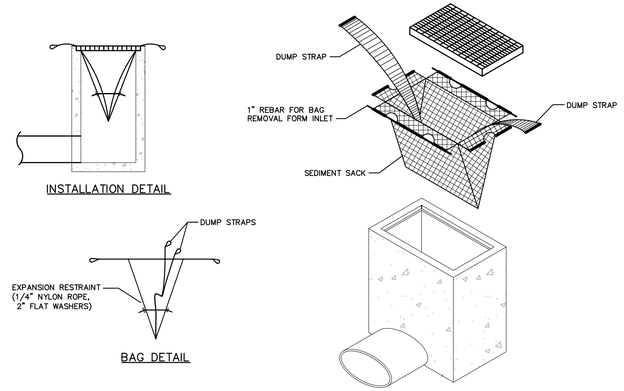
D1 = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
D2 = 5' STD. (ADDITIONAL PANEL FOR DEPTHS 5'). CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTE:
COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

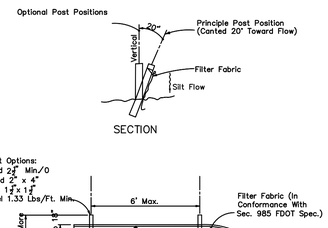
FLOATING TURBIDITY BARRIERS
NTS



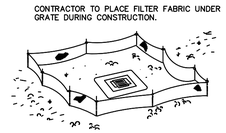
DOUBLE SILT FENCE
NTS



STANDARD INLET SEDIMENT CONTROL DEVICE
NTS

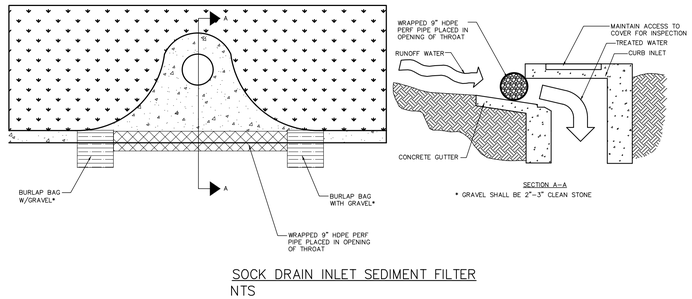


TYPE III SILT FENCE
NTS



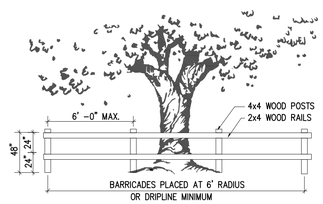
Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS
NTS



SOCK DRAIN INLET SEDIMENT FILTER
NTS

NOTE: THE PERFORATED PIPE MUST EXTEND AT LEAST 1' BEYOND THE CURB OPENING ON EACH SIDE AND BE ANCHORED WITH GRAVEL BAGS, OR SIMILAR, ON EACH END. A SPACER MUST BE PROVIDED FOR BETWEEN THE INLET OPENING AND THE PIPE TO ALLOW FOR OVERFLOW, PREVENT FLOODING AND TO PREVENT THE PIPE FROM FALLING INTO THE INLET.



TREE PROTECTION DETAIL
NTS

1. ORANGE CONSTRUCTION FENCING CAN BE USED IN LIEU OF WOOD FENCE PER ENGINEER'S REVIEW AND APPROVAL.
2. NO STOCKPILING OF MATERIAL, TRASH OR DEBRIS SHALL BE PERMITTED WITHIN THE BARRIER. CONTRACTOR SHALL ADJUST AND MAINTAIN BARRIER LIMITS AS NECESSARY TO ACCOMMODATE ADJACENT CONSTRUCTION AS DIRECTED BY OWNER. REMOVE PROTECTION AFTER OWNER'S FINAL ACCEPTANCE OF THE PROJECT.

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	NMB

Kimley»Horn
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LICENSED LANDSCAPE ARCHITECT CORY N. STELLEN * 0001703 * STATE OF FLORIDA * REGISTERED LANDSCAPE ARCHITECT * PROFESSIONAL ENGINEER
DATE:

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

EROSION CONTROL DETAILS

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING
CITY OF WINTER SPRINGS FL

SHEET NUMBER
C2.0

Plotted By:Busby, Mary Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:EROSION CONTROL DETAILS July 18, 2025 08:50:00am K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONST\PlanSheets- Add Parking\C2.0 SWPPP NOTES.dwg
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STORMWATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

PROJECT NAME AND LOCATION
WINTER SPRINGS MARKETPLACE
TAX PARCEL: 36-20-30-502-0000-0090
CITY OF WINTER SPRINGS, FL

*SEE COVER SHEET FOR LOCATION MAP

DEVELOPER NAME AND ADDRESS

TUSCAWILLA PROPERTY INVESTORS, LLC
630 SOUTH MAITLAND AVE., SUITE 100
MAITLAND, FL 32751
CONTACT: RYAN STAHL
PHONE: (407) 628-0277
EMAIL: RSTAHL@EQUINOX-DEVELOPMENT.COM

PROJECT DESCRIPTION

THIS PROJECT IS TO DEVELOP ADDITIONAL PARKING WITHIN THE WINTER SPRINGS MARKETPLACE COMMERCIAL PROPERTY. THIS SITE IS LOCATED AT SOUTHWEST CORNER OF INTERSECTION OF TUSKAWILLA RD AND SR-434 IN WINTER SPRINGS, SEMINOLE COUNTY, FL.

PROJECT AREA: 0.12 ACRES
CONTRIBUTING DRAINAGE AREA: 1.22 ACRES

CONTROL STRUCTURE :

CS-A

LONGITUDE : 81°15'47.71"W LATITUDE: 28°41'44.80"N

CS-B

LONGITUDE : 81°15'49.48"W LATITUDE: 28°41'44.89"N

CS-C

LONGITUDE : 81°15'51.87"W LATITUDE: 28°41'44.90"N

ULTIMATE RECEIVING WATERS: LAKE JESSUP via MASTER SYSTEM

ACTIVITIES THAT REQUIRE EROSION CONTROL

SITE CLEARING AND GRUBBING; PROVIDING A STABILIZED CONSTRUCTION ENTRANCE, PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; EXCAVATION FOR THE RETENTION POND; SITE GRADING; INSTALLATION OF STORM WATER, SANITARY SEWER, AND WATER STRUCTURES; CURB, ROADWAYS, AND PARKING FACILITIES.

*SEE PLANS FOR THE LOCATION OF TEMPORARY SEDIMENT BARRIERS AND OTHER EROSION CONTROL METHODS.

SOIL PARAMETERS

SOIL TYPES:

SERIES NAME	HYDROLOGIC GROUP
MYAKKA AND EAUGALLIE FINE SANDS	A/D
PAOLA–ST. LUCIE SANDS, 0 TO 5 PERCENT SLOPES	A
TAVARES–MILLHOPPER FINE SANDS, 0 TO 5 PERCENT SLOPES	A

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF CONSTRUCTION IS AS FOLLOWS:

1. PROVIDE STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCES AND OTHER EROSION CONTROL METHODS
3. CLEAR AND GRUB FOR SEDIMENT BASIN AND EARTH DIKE
4. CONSTRUCT EARTH DIKE AND SEDIMENT BASIN
5. FINISH CLEARING AND GRUBBING
6. REMOVE AND STORE TOPSOIL
7. PROVIDE INITIAL GRADING AS REQUIRED
8. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
9. INSTALL UTILITIES, STORM SEWER, CURB AND GUTTER
10. INSTALL BASE TO ROAD AND PARKING AREA
11. FINISH GRADING ENTIRE SITE
12. CONSTRUCT FINAL PAVING
13. REMOVE ACCUMULATED SEDIMENT
14. REMOVE ANY ITEMS THAT ARE NOT REQUIRED

TIMING OF CONTROL MEASURES

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES), A STABILIZED ENTRANCE AND SEDIMENT BASIN SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE LOCATION AND DETAILS OF EROSION CONTROL METHODS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS SHOWN ON THE PLANS OR AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW.

STORM WATER MANAGEMENT

STORM WATER COLLECTION SHALL BE MANAGED BY AN EXISTING WET POND SYSTEM, AS WELL AS AN EXISTING EXFILTRATION SYSTEM. THE POND SYSTEM HAS BEEN DESIGNED TO MEET OR EXCEED ALL THE REQUIREMENTS OF ST. JOHNS RIVER WATER MANAGEMENT DISTRICT AND CITY OF WINTER SPRINGS, FL.

STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND 450 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EQUIVALENT EQUAL. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLES 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY. ALL RETENTION/DETENTION BASINS SHALL BE SODDED AT LEAST TO THE NORMAL WATER LINE. ALL EXPOSED AREAS WITHIN PUBLIC RIGHTS-OF-WAY SHALL BE SOLID SODDED, OTHER AREAS WITH SLOPES STEEPER THAN 4:1 SHALL BE SODDED.

STRUCTURAL PRACTICES:

EARTH DIKE - IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERIMETER. A PORTION OF THE DIKE SHALL DIVERT RUN-ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.

SEDIMENT BASIN - A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.

WASTE DISPOSAL

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

OFF-SITE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT, OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES, DUE TO CONSTRUCTION. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

DUST & DEBRIS CONTROL
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AS WELL AS ALONG HAUL ROUTES AND ROADWAYS USED BY THE EQUIPMENT AND VEHICLES. THE CONTRACTOR SHALL ENSURE THAT EXCESSIVE DUST IS NOT TRANSPORTED BEYOND THE LIMITS OF CONSTRUCTION IN POPULATED AREAS. THE CONTRACTOR MAY CONTROL DUST FOR EMBANKMENTS OR OTHER CLEARED OR UNSURFACED AREAS BY APPLYING WATER. INSTALL MULCH, SEED, SOD, OR TEMPORARY PAVING AS EARLY AS PRACTICAL. CONTROL DUST DURING STORAGE AND HANDLING OF DUSTY MATERIALS BY WETTING, COVERING, OR OTHER MEANS AS APPROVED BY THE ENGINEER.
DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE ON THE PROJECT SITE.

ITEMS REQUIRING POLLUTION PREVENTION

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT ON THE PROJECT SITE:

-ASPHALT
-CONCRETE
-FERTILIZERS
-METAL PIECES
-PETROLEUM BASED PRODUCTS
-TAR
-CLEANING SUPPLIES
-DETERGENTS
-MASONARY BLOCK/BRICKS
-PAINT
-WOOD

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT WILL BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE:

-UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
-WATER FROM WATER LINE FLUSHING
-PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

SPILL PREVENTION AND CONTROL

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

-SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

-STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

-ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

-ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

-PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

-ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

HAZARDOUS PRODUCTS

-MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

-PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

PRODUCT SPECIFIC PRACTICES

-PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

-THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

-PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.

-CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

-SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

-THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

-TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

-AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

-THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE CHECKED DAILY AND AFTER EACH 0.5 INCH OR GREATER RAINFALL BY THE SUPERINTENDENT OR SOMEONE UNDER HIS/HER DIRECT SUPERVISION.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD CONDITION. REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

-THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES ONE-THIRD THE HEIGHT OF THE FENCE.

-THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE.

-DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

-ALL SEEDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY. UNSTABALIZED AREAS SHALL BE RE-SODDED.

-A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

-THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

ADDITIONAL CONTRACTOR RESPONSIBILITIES

-C.O.R. IS REQUIRED TO SUBMIT A SWPPP TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO MOBILIZING TO THE SITE AND INSTALLING ANY BMPS.

-C.O.R. IS REQUIRED TO COMPLY WITH THE REGULATIONS OF THE CITY, WATER MANAGEMENT DISTRICT, AND FDEP IN MANAGING STORMWATER RUNOFF FROM CONSTRUCTION SITES.

-C.O.R. IS REQUIRED TO SUBMIT AND OBTAIN A NOTICE OF INTENT FROM FDEP FOR THIS PROJECT.

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED: _____ DATE:_____

CORY SITLER
FLORIDA REGISTRATION NUMBER: 89984
PROFESSIONAL ENGINEER

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FORM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

SIGNATURE AND DATE	NAME AND TITLE, COMPANY / ADDRESS AND TELEPHONE NUMBER	RESPONSIBILITY

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

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PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

LICENSED PROFESSIONAL ENGINEER CORY R. SITLER STATE OF FLORIDA 89984 PROFESSIONAL ENGINEER 07/18/2025

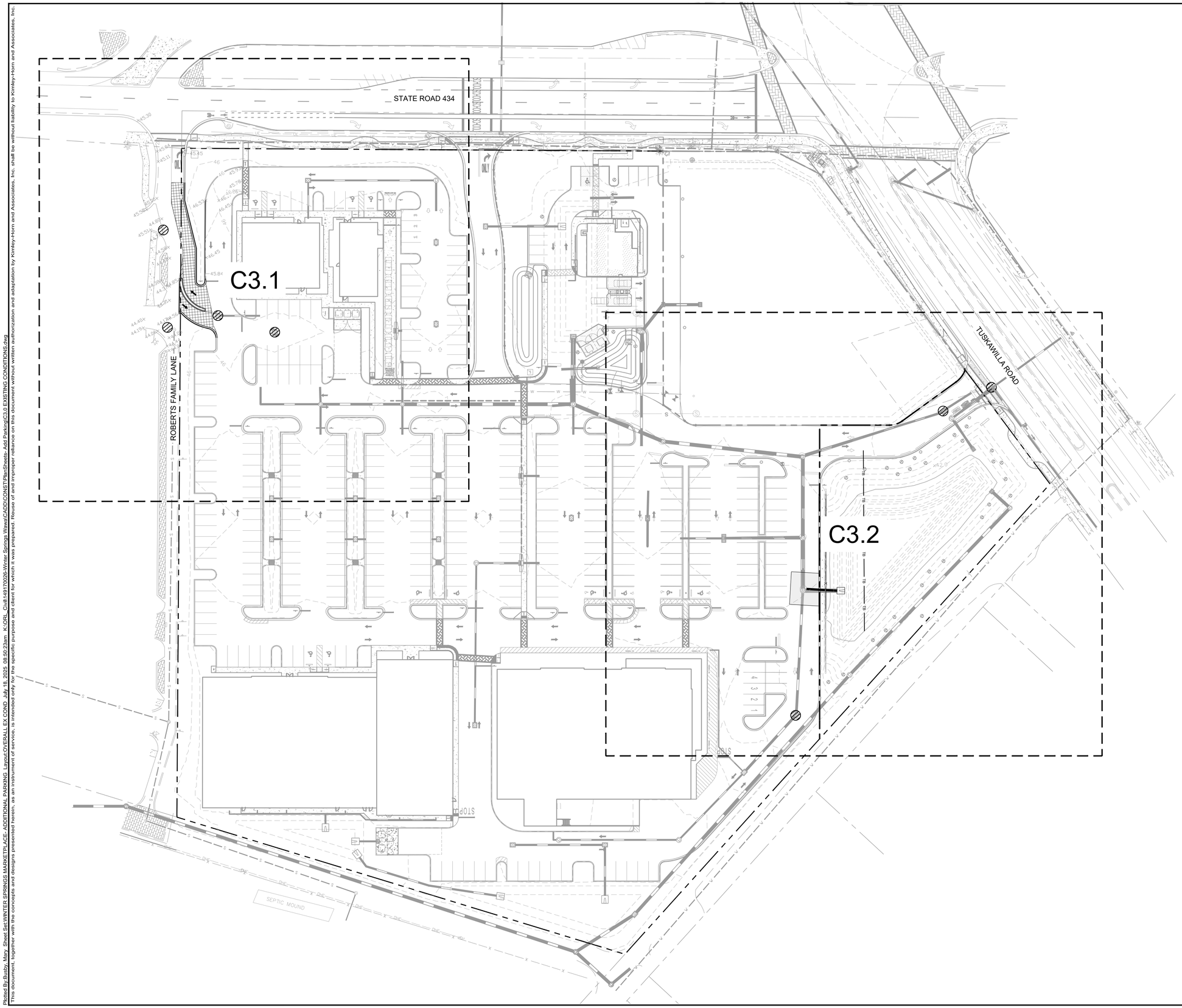
KHA PROJECT 149170026
DATE 07/18/2025
SCALE AS SHOWN
DESIGNED BY ADL
DRAWN BY JCB
CHECKED BY CNS

SWPPP NOTES

WINTER SPRINGS MARKETPLACE-ADDITIONAL PARKING
CITY OF WINTER SPRINGS FL

SHEET NUMBER
C2.1

Plotted By:Busby, Mary Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:SWPPP NOTES July 18, 2025 08:50:08am K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONST\PlanSheets- Add Parking\C2.0 SWPPP NOTES.dwg
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SIDEWALK NOTES:

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GEOTECH NOTE:

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EROSION CONTROL NOTE:

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BEARING NOTE:

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LEGEND

- PROPERTY LINE
- TB — TURBIDITY BARRIER
- INLET PROTECTION (FOR DETAIL, SEE SHEET C2.0)
- EXISTING LANDSCAPE
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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

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LICENSED LANDSCAPE ARCHITECT CORY R. BUTLER — STATE OF FLORIDA — LICENSED PROFESSIONAL ENGINEER — CORY R. BUTLER — DATE

KHA PROJECT 149170026
DATE 07/18/2025
SCALE AS SHOWN
DESIGNED BY ADL
DRAWN BY JCB
CHECKED BY CNS

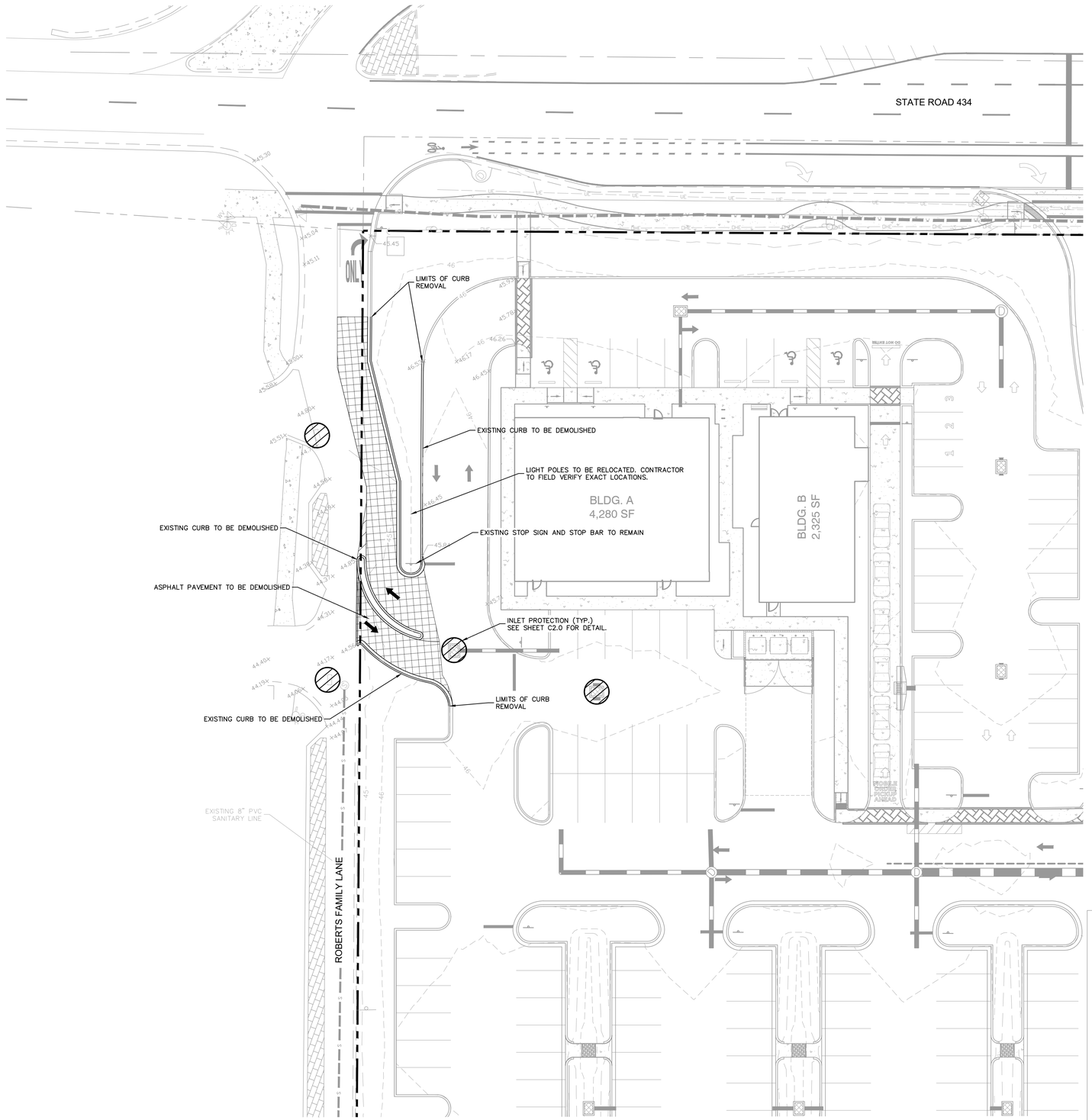
OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN

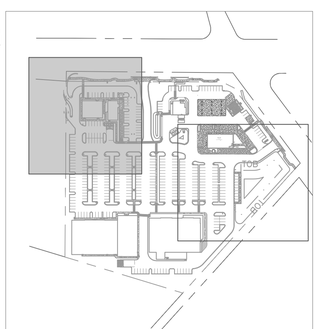
WINTER SPRINGS MARKETPLACE-ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

SHEET NUMBER C3.0

Plotted By:Busby, Mary Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:OVERALL EX COND July 18, 2025 08:50:23am K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONST\PlanSheets- Add Parking\C3.0 EXISTING CONDITIONS.dwg
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KEY MAP



GRAPHIC SCALE IN FEET
0 10 20 40

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PHONE: (407) 536-4440
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LICENSED LANDSCAPE ARCHITECT CHRISTY N. SITLER 0001696 STATE OF FLORIDA

LICENSED PROFESSIONAL ENGINEER CORY N. SMITH 0085805 STATE OF FLORIDA

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

EXISTING CONDITIONS AND DEMOLITION PLAN

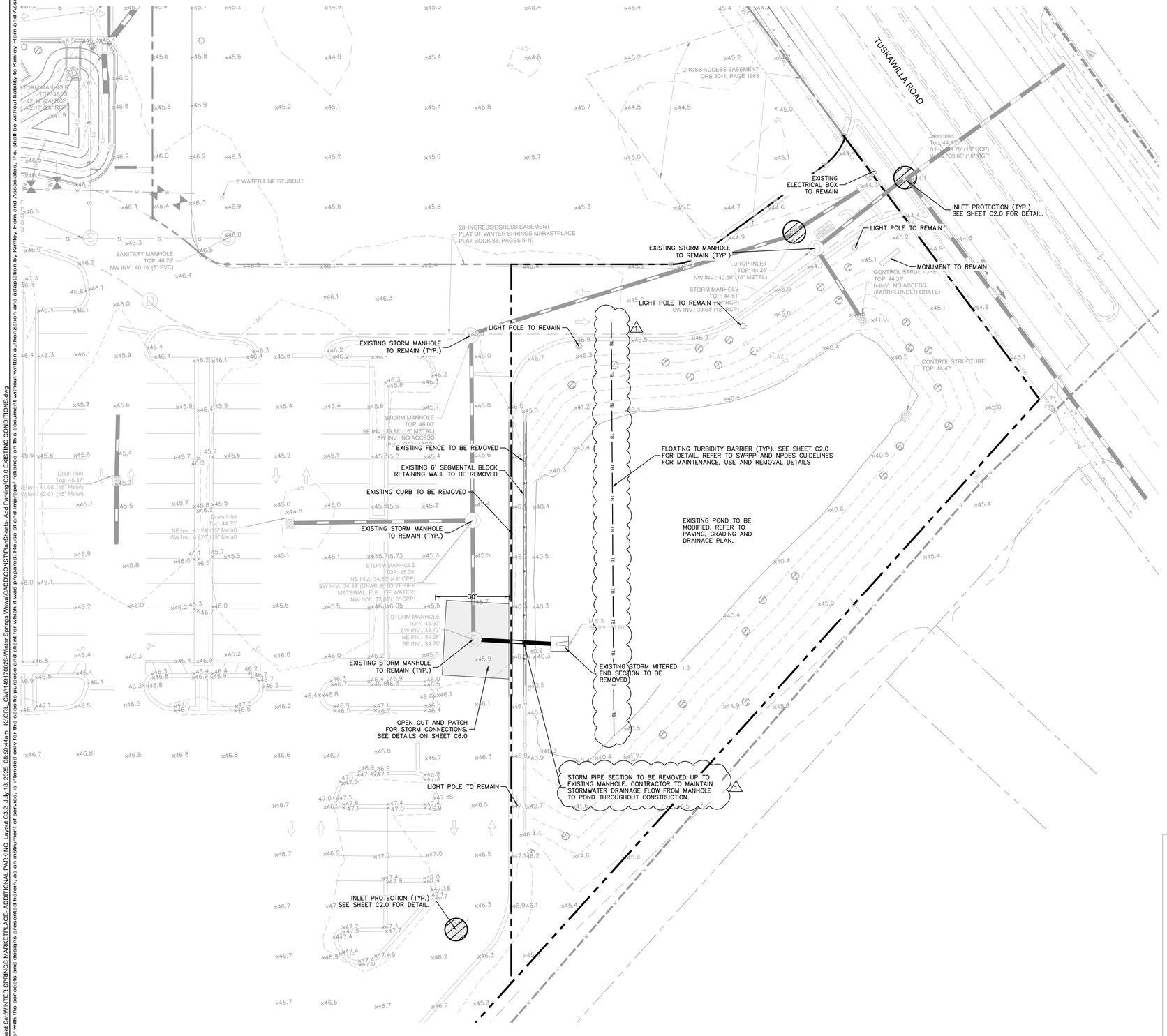
WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C3.1

Plotted By:Busby, Mary Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:C3.1 July 18, 2025 08:50:34am K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONST\PlanSheets- Add Parking\C3.0 EXISTING CONDITIONS.dwg
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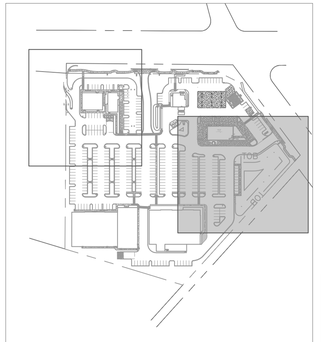
1. REFER TO SWPPP SHEETS C2.0 FOR ADDITIONAL NOTES & DETAILS.
2. PROVIDE STABILIZED CONSTRUCTION ENTRANCE AT ALL CONSTRUCTION ACCESS POINTS.
3. UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. ALONG ALL ROADWAYS.
4. INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF ALL EXISTING/PROPOSED INLETS.
5. PROVIDE TREE PROTECTION BARRIERS AROUND ALL EXISTING TREES LOCATED ON-SITE WHICH ARE DESIGNATED TO BE PRESERVED. REFER TO LANDSCAPE PLANS FOR TREES TO REMAIN AND TREE PROTECTION DETAILS/NOTES.

BEARING NOTE:

1. BEARINGS SHOWN HEREON ARE BASED ON THE WEST LINE OF LOT 1, KISSIMMEE ELEMENTARY SCHOOL, AS SHOWN ON PLAT BOOK 12, PAGE 162 OF THE PUBLIC RECORDS OF OSCEOLA COUNTY, FLORIDA. AS HAVING AN ASSUMED BEARING OF N00°04'22"W.

LEGEND

- PROPERTY LINE
- TURBIDITY BARRIER
- INLET PROTECTION (FOR DETAIL, SEE SHEET C2.0)
- EXISTING LANDSCAPE
- EXISTING LIGHT POLE
- EXISTING FENCE TO BE REMOVED
- EXISTING STORM PIPE TO REMAIN
- EXISTING STORM PIPE TO BE REMOVED
- EXISTING STORM INLET TO REMAIN
- ASPHALT PAVEMENT TO BE DEMOLISHED



KEY MAP

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

Kimley»Horn
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PHONE: (407) 535-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

LICENSED LANDSCAPE ARCHITECTURAL CONSULTANT CORY S. MILLER FLORIDA REGISTRATION NO. 1667890 STATE OF FLORIDA REGISTERED LANDSCAPE ARCHITECT CORY S. MILLER No. 1667890 PROFESSIONAL ENGINEER DATE:

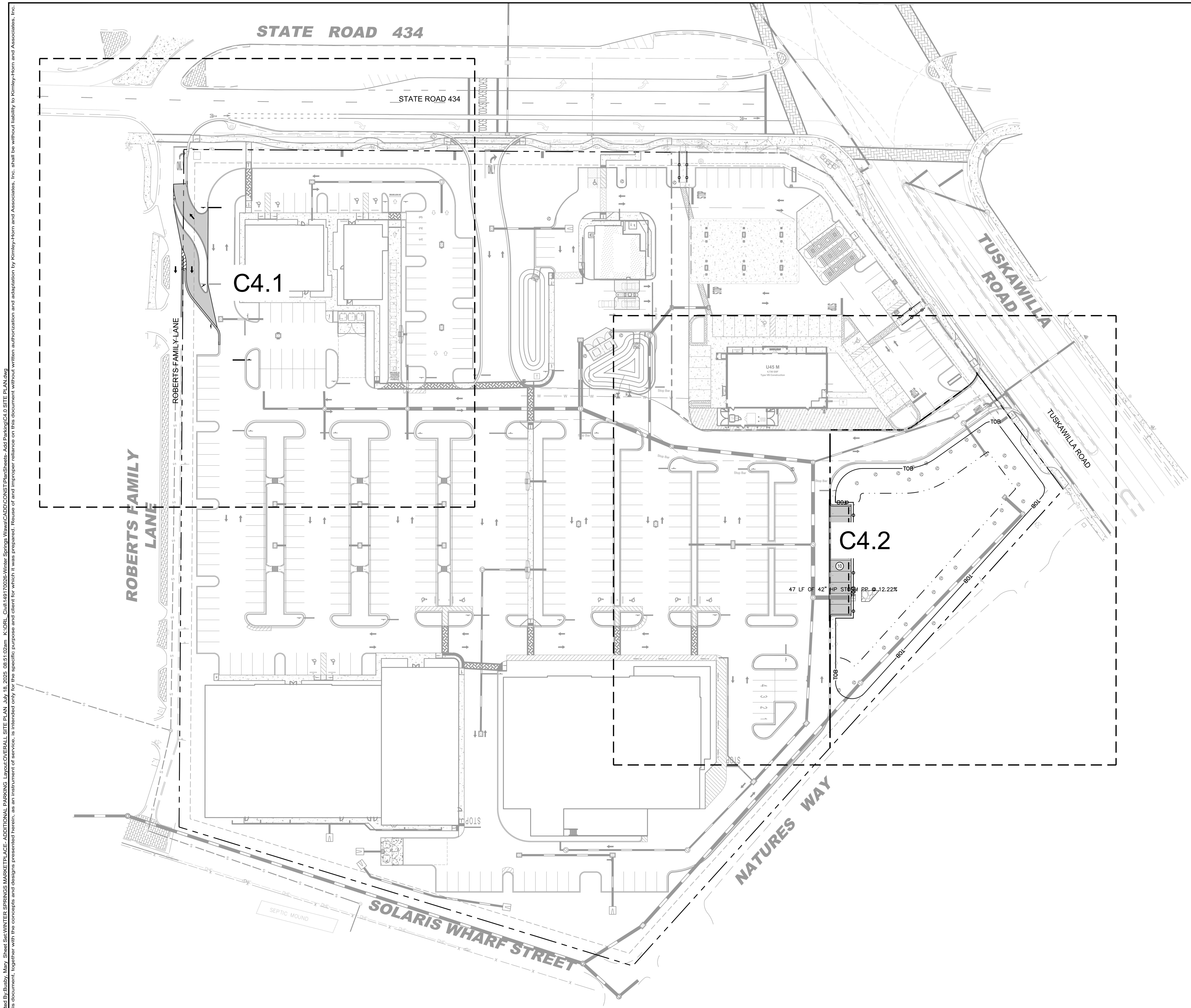
KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

EXISTING CONDITIONS AND DEMOLITION PLAN

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C3.2



OVERALL SITE DATA:

PROJECT AREA:	5,227 SQ. FT (0.12 AC)
ZONING:	T–5 URBAN CENTER ZONE
FUTURE LAND USE:	COMMERCIAL
PROPOSED USE:	COMMERCIAL

OVERALL IMPERVIOUS CALCULATIONS

MAXIMUM ALLOWABLE IMPERVIOUS AREA (100%):	0.12 AC
ASPHALT AREA:	0.05 AC (41.7%)
CONCRETE AREA:	0.02 AC (16.7%)
TOTAL IMPERVIOUS AREA:	0.07 AC (58.4%)
TOTAL OPEN SPACE:	0.05 AC (41.7%)

REQUIRED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
SIDE:	10 FT
REAR:	10 FT

PROVIDED YARD/LANDSCAPE SETBACKS

FRONT (TUSKAWILLA RD):	12 FT
SIDE:	0 FT
REAR:	0 FT

PROVIDED PARKING:

REGULAR SPACES (10'X20'):	10 SPACES
ADA SPACES (ALL VAN ACCESSIBLE, 0 REQUIRED):	0 SPACES
TOTAL PARKING SPACES PROVIDED:	10 SPACES

LANDSCAPING

ALL LANDSCAPING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE

SITE SIGNAGE

PERMANENT SITE SIGNAGE WILL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS LAND DEVELOPMENT CODE.

REGULATORY SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD (2009 ED.) AND FDOT DESIGN STANDARDS (LATEST ED.)

STORMWATER MANAGEMENT

STORMWATER RUNOFF FOR THE PROPOSED ONSITE IMPROVEMENTS WILL BE MANAGED THROUGH THE EXISTING WET DETENTION, DRY DETENTION, AND EXFILTRATION STORMWATER MANAGEMENT SYSTEM WHICH HAS BEEN DESIGNED TO MEET THE CITY OF WINTER SPRINGS CODE AND THE REQUIREMENTS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD).

100-YEAR FLOOD PLAIN

THE PROPERTY IS LOCATED OUTSIDE THE FLOODPLAIN WITHIN "ZONE X" – AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN – PER FEMA FIRM, MAP NUMBER 12117C0160F, REVISED ON SEPTEMBER 28, 2007.

PHASING

ALL SITE WORK AND INFRASTRUCTURE WILL BE COMPLETED IN ONE (1) PHASE

LEGEND

- PROPERTY LINE
- PROPOSED FENCE
- (11) PARKING SPACE COUNT
- PROPOSED CONCRETE, SEE SHEET C6.0 FOR DETAILS
- PROPOSED LIGHT DUTY ASPHALT, SEE SHEET C6.0 FOR DETAILS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

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PHONE: (407) 536-4440
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LICENSED PROFESSIONAL
CORY N. SITLER
DATE:

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

OVERALL SITE PLAN

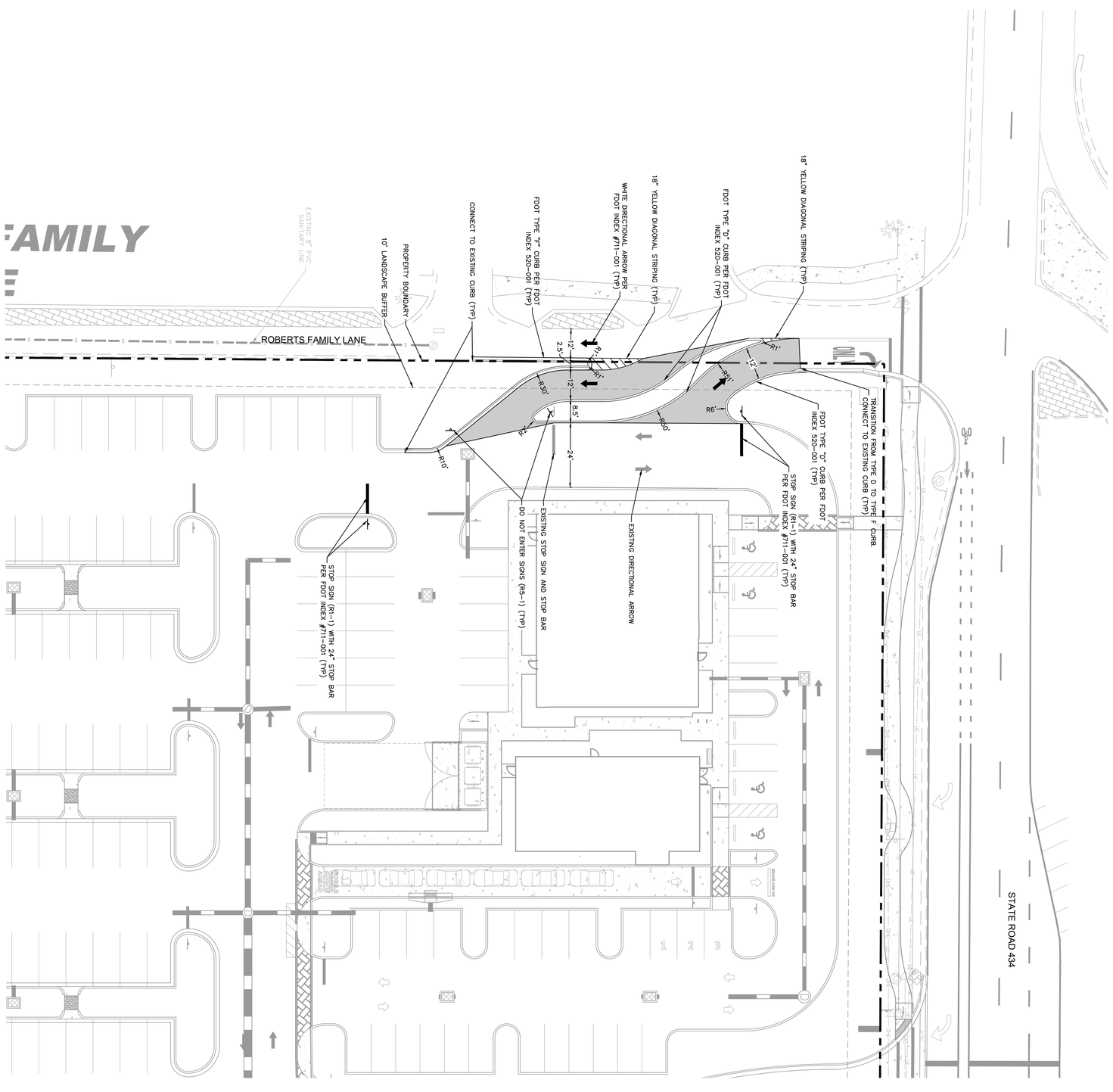
WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

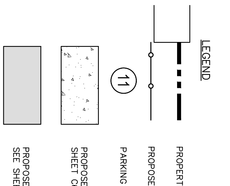
CITY OF WINTER SPRINGS FL

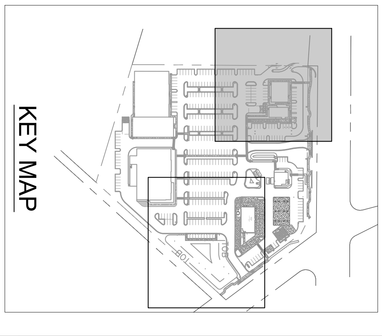
SHEET NUMBER
C4.0

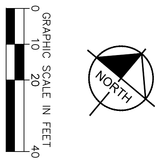
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SHEET NUMBER C4.1

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

SITE PLAN

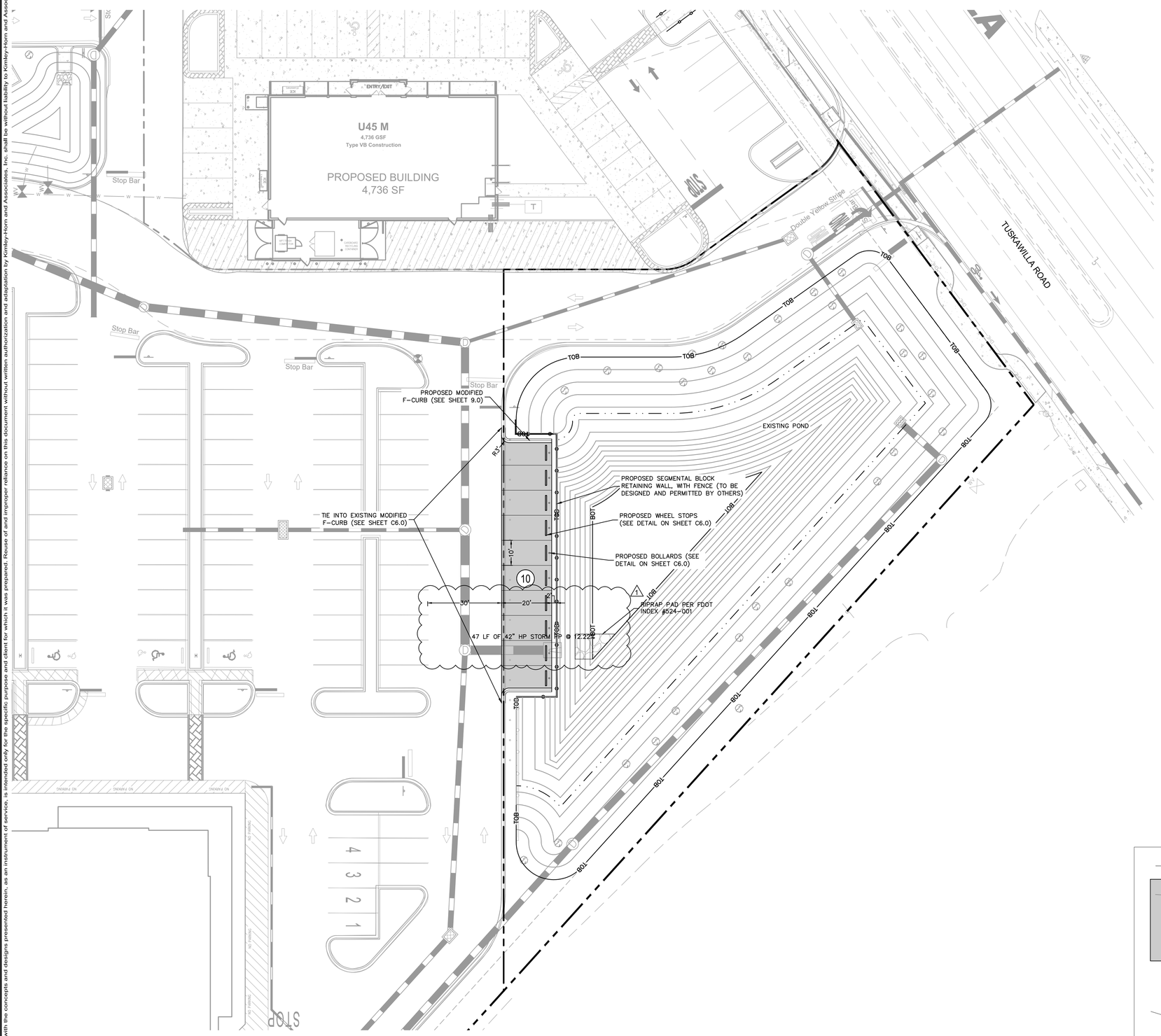
KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

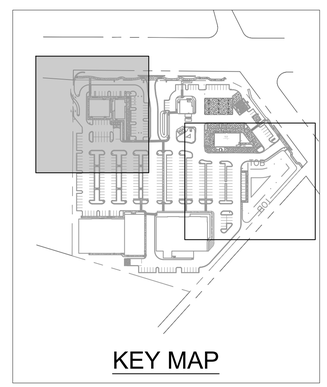
LICENSED PROFESSIONAL CORY N. SITLER LICENSE NUMBER 73930 STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE:

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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

No.	REVISIONS	DATE	BY
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Plotted By:Busby, Mary Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:C4.2 July 18, 2025 08:51:18am K:\ORL_Civil\149170026-Winter Springs Wawa\CADD\CONSTPlanSheets- Add Parking\C4.0 SITE PLAN.dwg
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LEGEND

- PROPERTY LINE
- PROPOSED FENCE
- (11) PARKING SPACE COUNT
- PROPOSED CONCRETE, SEE SHEET C6.0 FOR DETAILS
- PROPOSED LIGHT DUTY ASPHALT, SEE SHEET C6.0 FOR DETAILS

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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SIDE:	10 FT
REAR:	10 FT

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PHASING

ALL SITE WORK AND INFRASTRUCTURE WILL BE COMPLETED IN ONE (1) PHASE

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

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LICENSED LANDSCAPE ARCHITECT CORY W. SITLER STATE OF FLORIDA LICENSE NO. 0001010 PROFESSIONAL ENGINEER CORY W. SITLER STATE OF FLORIDA LICENSE NO. 0090827 PROFESSIONAL ENGINEER DATE

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

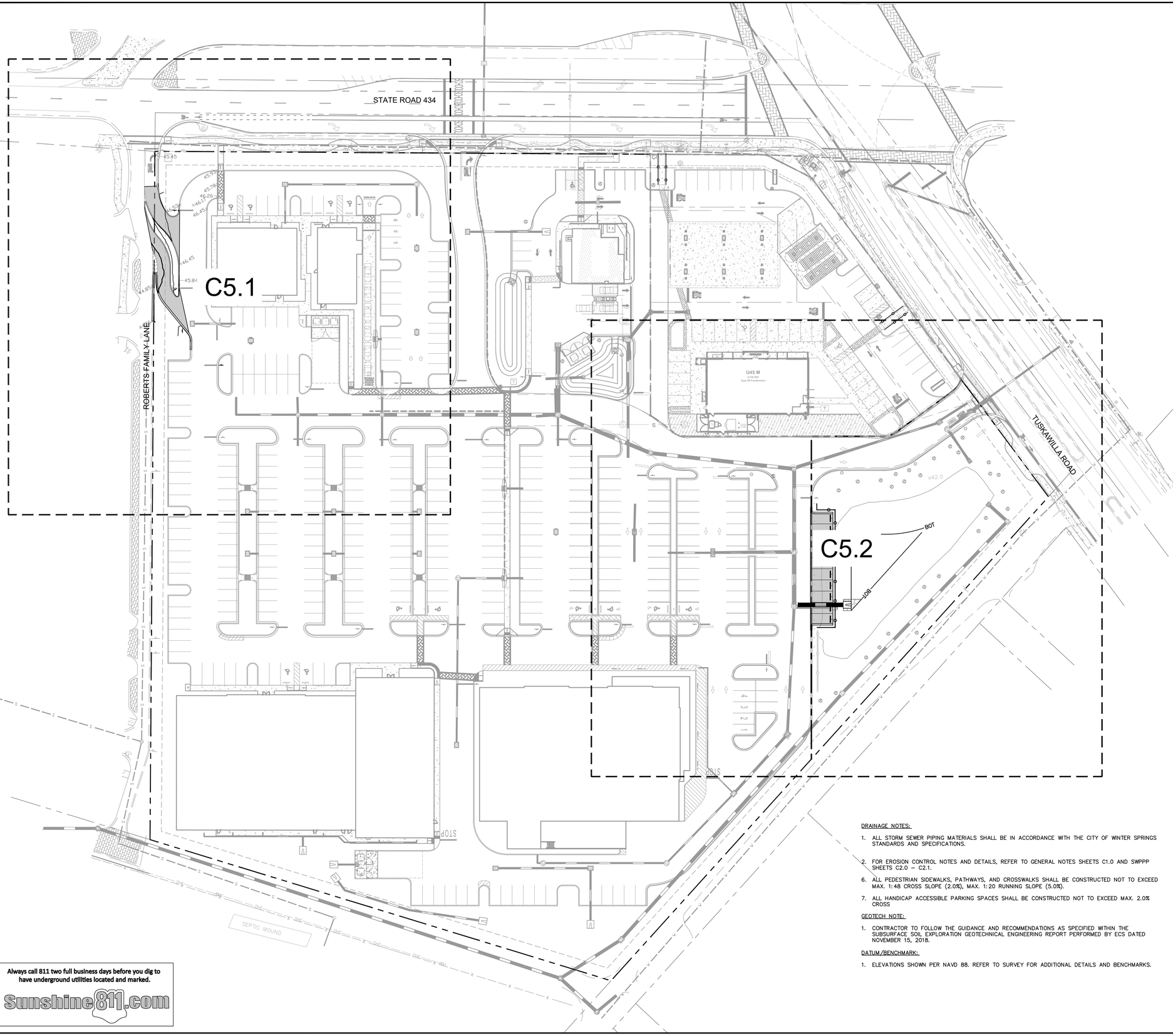
SITE PLAN

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C4.2

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LEGEND

- ×44.00 — EXISTING SPOT ELEVATION
- 93.50 — PROPOSED ELEVATION
- 94.00 / 93.50 — PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
- PROPOSED MITERED END
- PROPERTY LINE
- 44 — EXISTING CONTOUR
- 44 — PROPOSED CONTOUR
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- EXISTING STORM PIPE
- EXISTING GRATE INLET
- PROPOSED DIRECTION OF SURFACE WATER RUNOFF
- PROPOSED YARD DRAIN

DRAINAGE NOTES:

1. ALL STORM SEWER PIPING MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF WINTER SPRINGS STANDARDS AND SPECIFICATIONS.
2. FOR EROSION CONTROL NOTES AND DETAILS, REFER TO GENERAL NOTES SHEETS C1.0 AND SWPPP SHEETS C2.0 – C2.1.
6. ALL PEDESTRIAN SIDEWALKS, PATHWAYS, AND CROSSWALKS SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 1:48 CROSS SLOPE (2.0%), MAX. 1:20 RUNNING SLOPE (5.0%).
7. ALL HANDICAP ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED NOT TO EXCEED MAX. 2.0% CROSS

GEOTECH NOTE:

1. CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSURFACE SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT PERFORMED BY ECS DATED NOVEMBER 15, 2018.

DATUM/BENCHMARK:

1. ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS.

Always call 811 two full business days before you dig to have underground utilities located and marked.
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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

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LICENSED LANDSCAPE ARCHITECT CORY R. SITTLER LICENSE NO. LA0001811 STATE OF FLORIDA
LICENSED PROFESSIONAL ENGINEER CORY SITTLER LICENSE NO. 0073657 STATE OF FLORIDA PROFESSIONAL ENGINEER

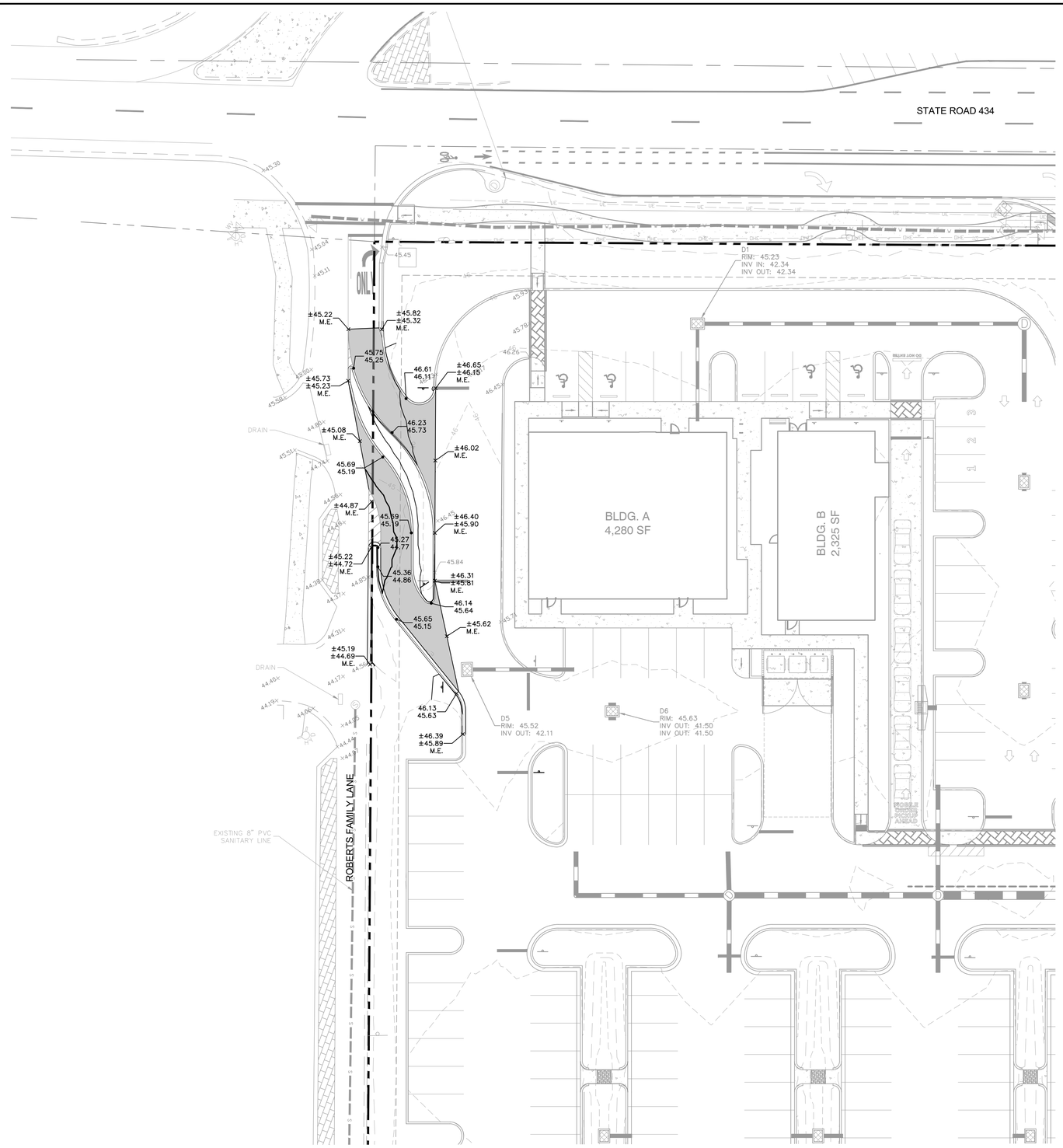
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DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

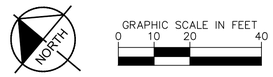
OVERALL PAVING GRADING & DRAINAGE

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

SHEET NUMBER
C5.0





LEGEND

×44.00	EXISTING SPOT ELEVATION
93.50	PROPOSED ELEVATION
94.00 / 93.50	PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
	PROPOSED MITERED END
	PROPERTY LINE
44	EXISTING CONTOUR
44	PROPOSED CONTOUR
	PROPOSED STORM PIPE
	PROPOSED STORM INLET
D	PROPOSED STORM MANHOLE
	EXISTING STORM PIPE
	EXISTING GRATE INLET
	PROPOSED DIRECTION OF SURFACE WATER RUNOFF
	PROPOSED YARD DRAIN

DRAINAGE NOTES:

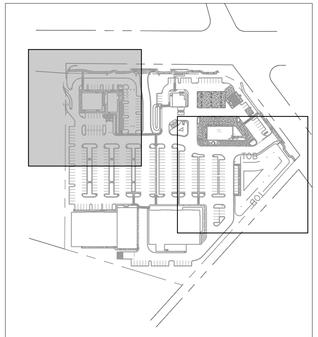
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GEOTECH NOTE:

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DATUM/BENCHMARK:

1. ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS.



KEY MAP

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	NMB

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LICENSED PROFESSIONAL ENGINEER
CORY N. SITTLER
STATE OF FLORIDA
CORY SITTLER
No. 93927
PROFESSIONAL ENGINEER
DATE:

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

PAVING GRADING & DRAINAGE PLAN

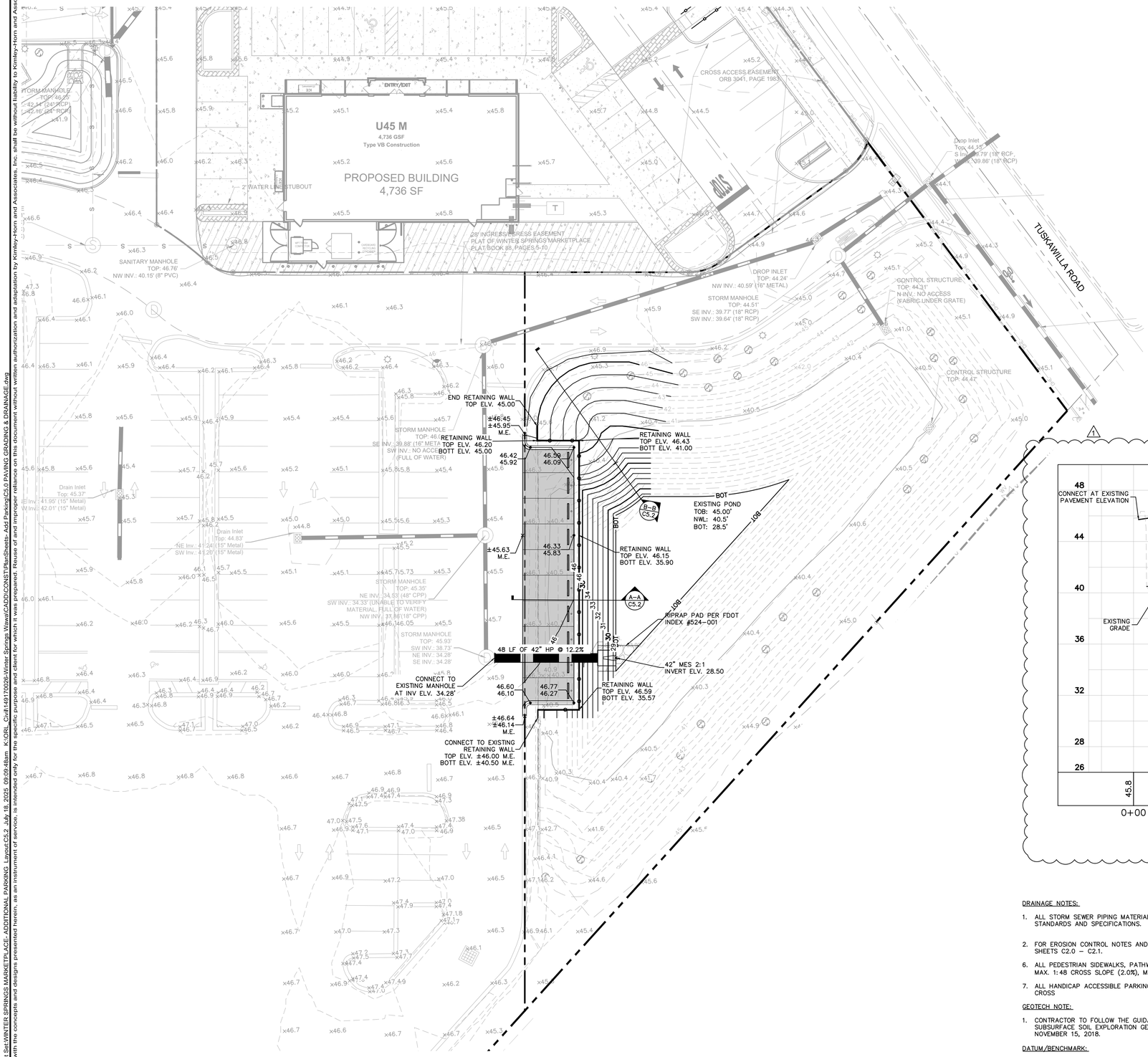
WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

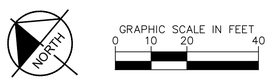
CITY OF WINTER SPRINGS FL

SHEET NUMBER
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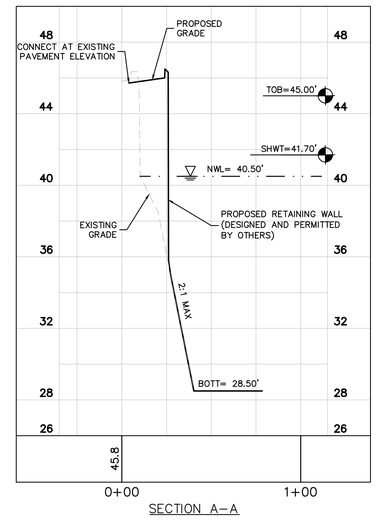
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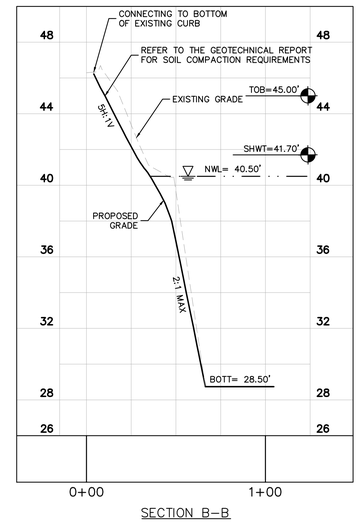


LEGEND

- EXISTING SPOT ELEVATION
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB/ PAVEMENT ELEVATION
- PROPOSED MITERED END
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- EXISTING STORM PIPE
- EXISTING GRATE INLET
- PROPOSED DIRECTION OF SURFACE WATER RUNOFF
- PROPOSED YARD DRAIN



SECTION A–A



SECTION B–B

DRAINAGE NOTES:

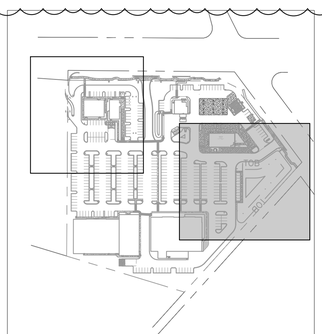
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1. CONTRACTOR TO FOLLOW THE GUIDANCE AND RECOMMENDATIONS AS SPECIFIED WITHIN THE SUBSURFACE SOIL EXPLORATION GEOTECHNICAL ENGINEERING REPORT PERFORMED BY ECS DATED NOVEMBER 15, 2018.

DATUM/BENCHMARK:

1. ELEVATIONS SHOWN PER NAVD 88. REFER TO SURVEY FOR ADDITIONAL DETAILS AND BENCHMARKS.



KEY MAP

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/18/25	MMB

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6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 536-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

CONSTRUCTION RELEASE
NOT FOR CONSTRUCTION
CORY NIELSEN
STATE OF FLORIDA
LICENSED
PROFESSIONAL ENGINEER
CORY NIELSEN
PE 79966
PROFESSIONAL ENGINEER

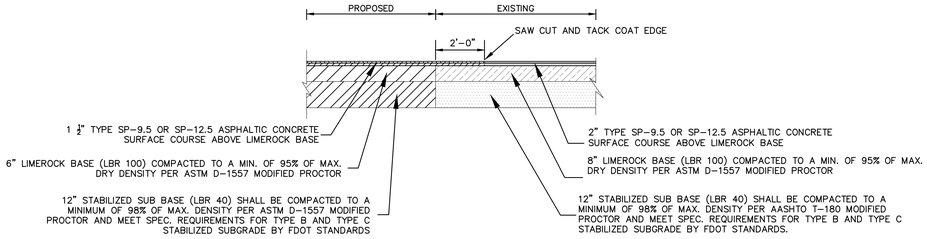
PROJECT NO.	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

PAVING GRADING & DRAINAGE PLAN

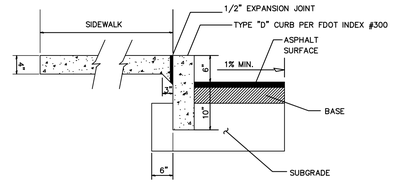
WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING

CITY OF WINTER SPRINGS FL

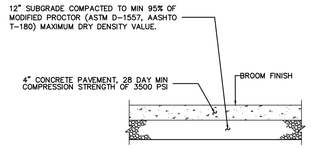
SHEET NUMBER
C5.2



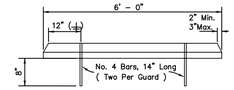
CONNECT TO EXISTING ASPHALT PAVEMENT SECTION
NTS



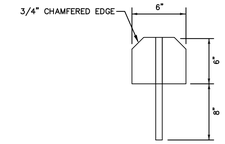
SIDEWALK INTEGRAL CURB DETAIL
NTS



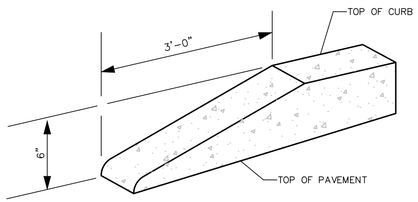
CONCRETE SIDEWALK DETAIL
NTS



WHEEL STOP FRONT VIEW
NTS

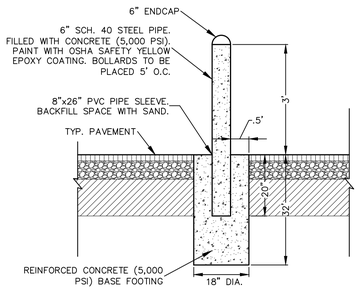


WHEEL STOP PROFILE (TYP.)
NTS

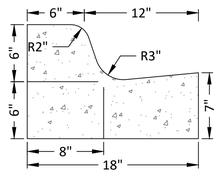


CURB TERMINUS TRANSITION DETAIL
NTS

NOTE:
ALL CURBS TO HAVE STANDARD 3' TRANSITION FROM 6" HEIGHT TO FLUSH (0" HEIGHT). A STANDARD TEMPLATE SHALL BE USED AT ALL LOCATIONS TO PROVIDE UNIFORM CURB TRANSITION THROUGHOUT THE PROJECT.



TYP. BOLLARD DETAIL
NTS



MODIFIED TYPE F CURB
NTS

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LICENSED LANDSCAPE ARCHITECT CORY N. STELLER LICENSE NUMBER 6667 STATE OF FLORIDA * PROFESSIONAL LANDSCAPE ARCHITECT * CORY N. STELLER

KHA PROJECT	149170026
DATE	07/18/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
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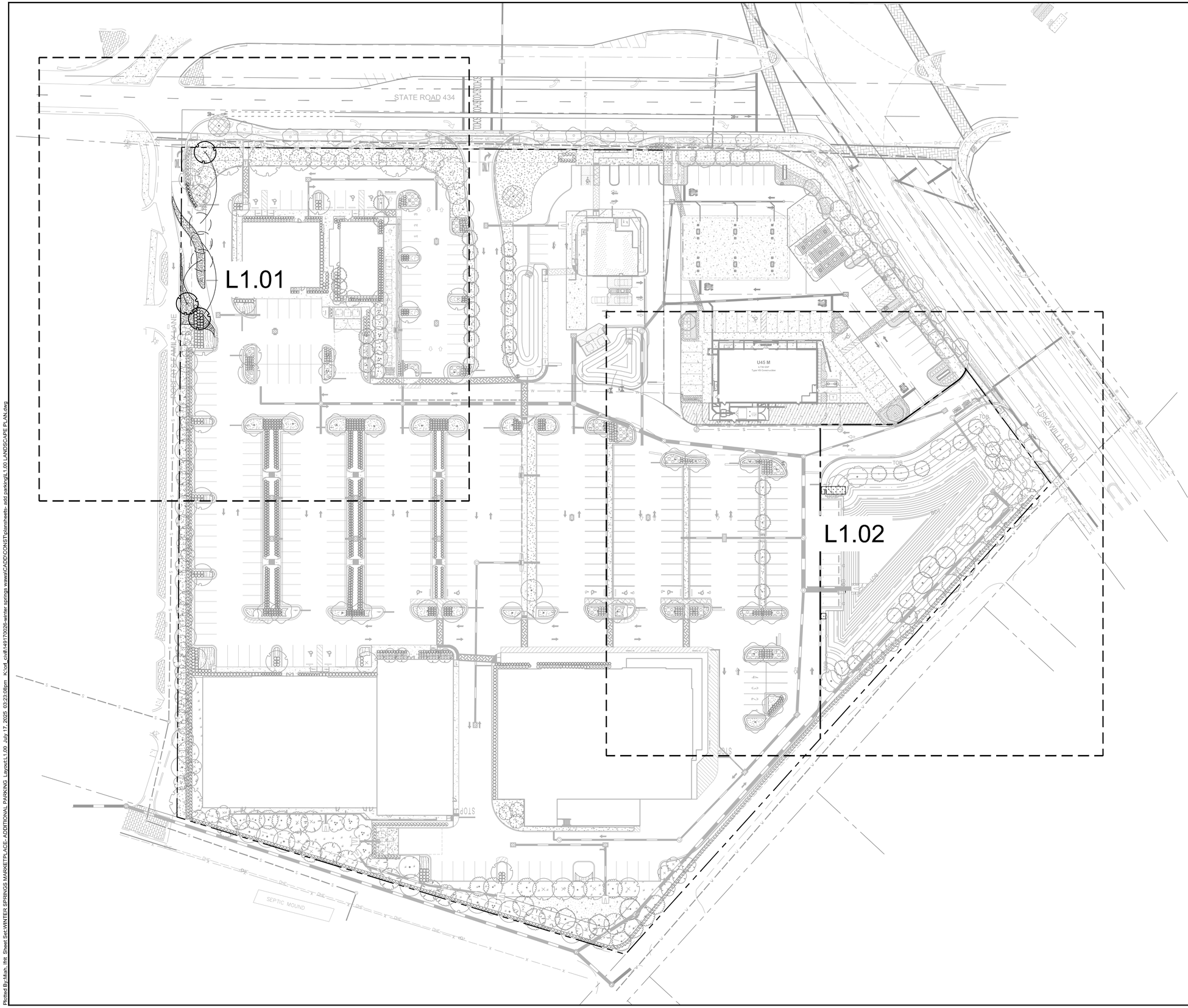
CONSTRUCTION DETAILS

WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING
CITY OF WINTER SPRINGS FL

SHEET NUMBER
C6.0

Plotted By: Busby, Mary Sheet Set: WINTER SPRINGS MARKETPLACE - ADDITIONAL PARKING Layout: C6.0 CONSTRUCTION DETAILS July 18, 2025 08:52:06am K:\ORL_Civil\149170026 - Winter Springs Wawa\CAD\CONST\PlanSheets- Add Parking\C6.0 DETAILS.dwg
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Plotted By:Matt Ihli Sheet Set:WINTER SPRINGS MARKETPLACE-ADDITIONAL PARKING Layout:L1.00 July 17, 2025 09:23:08pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L1.00 LANDSCAPE PLAN.dwg



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PHONE: (407) 536-4440
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REGISTERED LANDSCAPE ARCHITECT
LA6667292
MATTHEW TAYLOR FRANKO
STATE OF FLORIDA

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Date: 2025-07-17 16:27:39-04'00'

DATE: 07/17/2025

KHA PROJECT	149170026
DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
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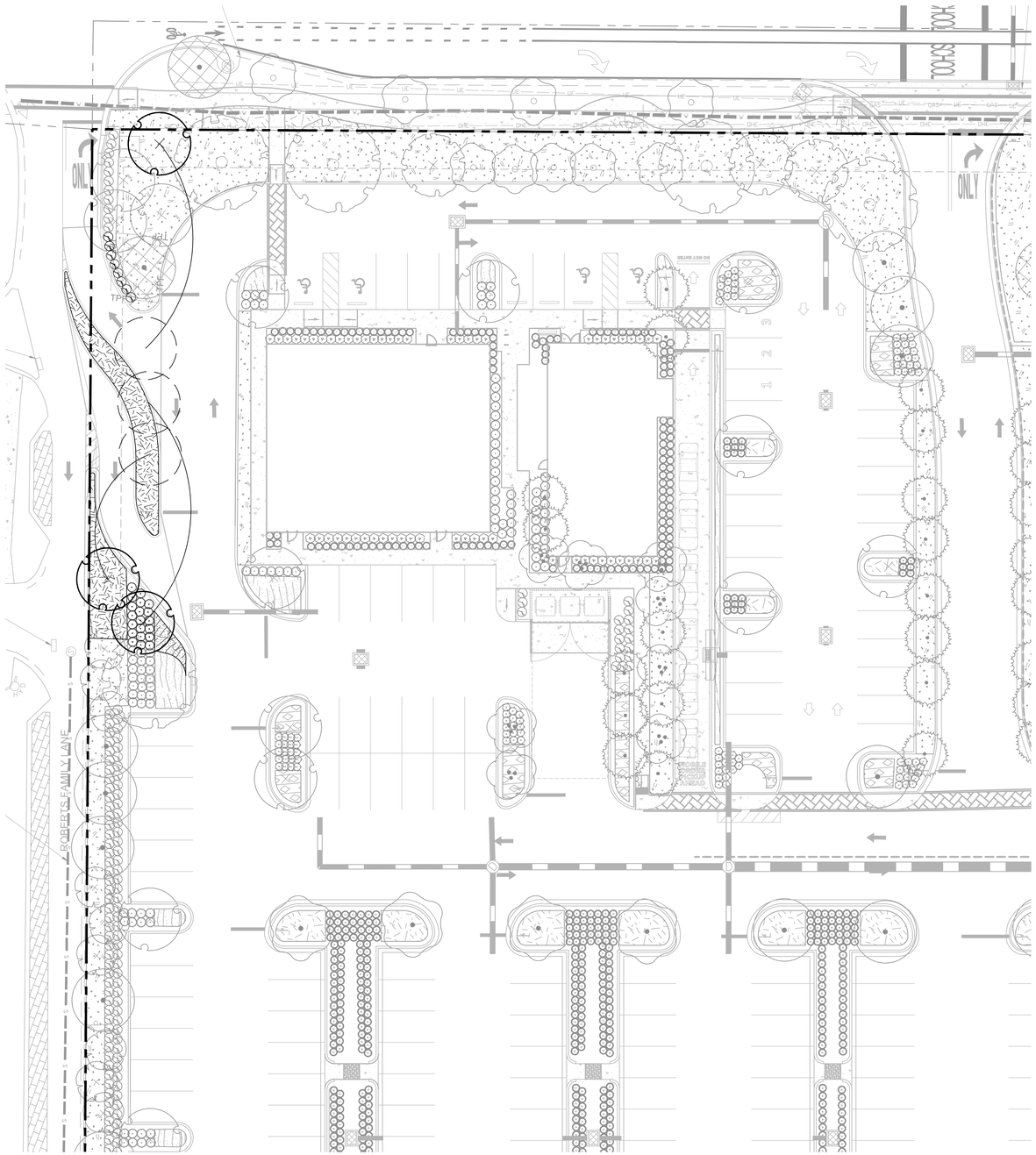
OVERALL LANDSCAPE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L1.00

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PLANT SCHEDULE TURN ADJUST

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	CAL	SIZE
CANOPY TREE							
	AF	3	FLORIDA FLAME RED MAPLE STRAIGHT, SINGLE LEADER, FL#1, FULL	ACER RUBRUM 'FLORIDA FLAME'	FG	3" CAL MIN	14` HT., 4` SPR.

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	SPACING
SHRUBS							
	VD	20	DWARF WALTER`S VIBURNUM FULL	VIBURNUM OBOVATUM `DWARF WALTER`S`	7 GAL	36" OC	30" FULL
	VO	8	SWEET VIBURNUM FULL	VIBURNUM ODORATISSIMUM	7 GAL	36" OC	30" FULL
GROUND COVERS							
	BF	86	BULBINE FL #1, FULL	BULBINE FRUTESCENS	3 GAL	14" FULL	12" OC
SOD							
	SA	923 SF	FLORATAM ST, AUGUSTINE GRASS ROLLED TIGHT, 100% INSECT, WEED, DIEASE, DEBRIS FREE	STENOTAPHRUM SECUNDATUM 'FLORATAM'	SOD	-	-

MISC.	QTY	BOTANICAL/COMMON NAME	SPECIFICATIONS
MULCH	TBD	DESIGNER BROWN HARDWOOD MULCH	3" DEPTH MINIMUM, SHREDDED, FREE OF WEEDS/INVASIVE PLANT MATERIAL

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

LANDSCAPE NOTES:

1. ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
2. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
3. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
4. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK, LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA 2) TO PROTECT ALL UTILITY LINES CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH O RESULT OF THE CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WO
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAI HEALTHY PLANT CONDITIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
11. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
12. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
13. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
14. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN "GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II," STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
15. ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
16. ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
17. TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
18. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.
19. ALL PLANTED LANDSCAPE AREAS TO HAVE 3" DEEP DESIGNER BROWN HARDWOOD MULCH TO FULLY COVER DRIP IRRIGATION & AMENDED SOILS. REPAIR AS NEEDED DURING CONSTRUCTION. SUBMIT ALTERNATIVE MULCH SPECIFICATION FOR LANDSCAPE ARCHITECT APPROVAL.

Always call 811 two full business days before you dig to have underground utilities located and marked.

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REGISTERED LANDSCAPE ARCHITECT MATTHEW W TAYLOR FRANKO LA6667292 STATE OF FLORIDA

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DN: CN=Matthew T Franko, oid=0.9.2342.19200300.100.1.1=matthew.franko@kimley-horn.com, O=KIMLEY-HORN AND ASSOCIATES, INC., C=US
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KHA PROJECT	149170026
DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

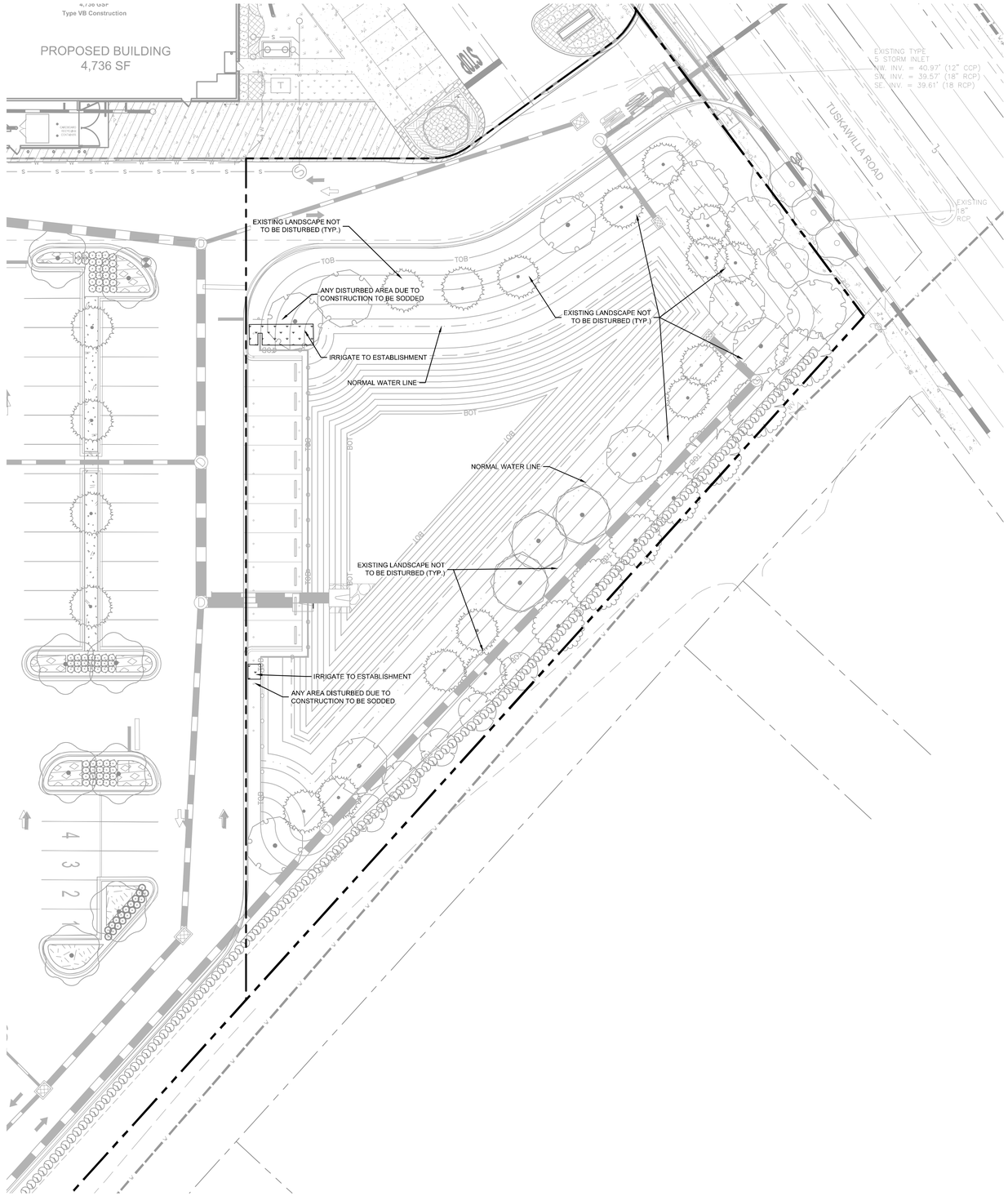
LANDSCAPE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L1.01

Plotted By:Mah, Imt Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:L1.01 July 17, 2025 03:23:38pm K:\orl_civil\149170026-winter springs wawa\CAD\CONSTplansheets- add parking\L1.01 LANDSCAPE PLAN.dwg



PLANT SCHEDULE ADDITIONAL PARKING

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	SPACING
SOD							
	PA	178 SF	ARGENTINE BAHIAGRASS ROLLED TIGHT, 100% INSECT, WEED, DIEASE, DEBRIS FREE	PASPALUM NOTATUM 'ARGENTINE'	SOD	-	-

MISC.	QTY	BOTANICAL/COMMON NAME	SPECIFICATIONS
MULCH	TBD	DESIGNER BROWN HARDWOOD MULCH	3" DEPTH MINIMUM, SHREDDED, FREE OF WEEDS/INVASIVE PLANT MATERIAL

GRAPHIC SCALE IN FEET
0 10 20 40

LANDSCAPE NOTES:

1. ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
2. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
3. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
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5. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
6. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHAL DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK, LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY O CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA 2) TO PROTECT ALL UTILITY LINES CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH C RESULT OF THE CONSTRUCTION.
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15. ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
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17. TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
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19. ALL PLANTED LANDSCAPE AREAS TO HAVE 3" DEEP DESIGNER BROWN HARDWOOD MULCH TO FULLY COVER DRIP IRRIGATION & AMENDED SOILS. REPAIR AS NEEDED DURING CONSTRUCTION. SUBMIT ALTERNATIVE MULCH SPECIFICATION FOR LANDSCAPE ARCHITECT APPROVAL.

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PHONE: (407) 539-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKS LA6667292 STATE OF FLORIDA

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Date: 2025.07.17 16:27:41-04'00'

DATE 07/17/25

KHA PROJECT	149170026
DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

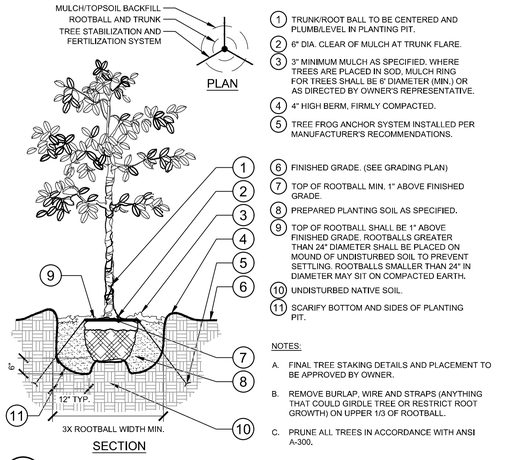
LANDSCAPE PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L1.02

Plotted By:Mah, Jiht Sheet Set:WINTER SPRINGS (MARKETPLACE- ADDITIONAL PARKING Layout:L1.02 July 17, 2025 03:23:21pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L1.01 LANDSCAPE PLAN.dwg



1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3" MINIMUM MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
4. 4" HIGH BERM, FIRMLY COMPACTED.
5. TREE FROG ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. FINISHED GRADE. (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. TOP OF ROOTBALL SHALL BE 1" ABOVE FINISHED GRADE. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.

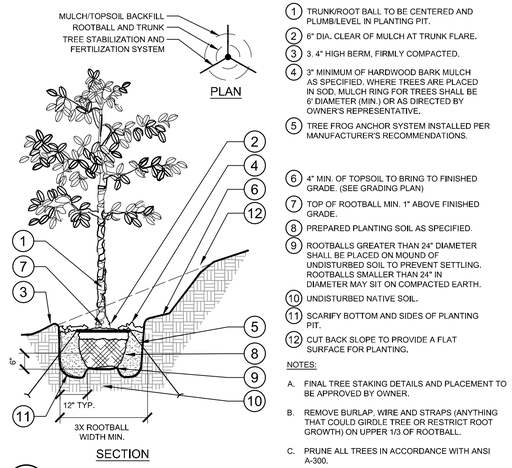
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

1 L1.50 TREE PLANTING
SECTION / PLAN NTS



1. TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
2. 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
3. 3. 4" HIGH BERM, FIRMLY COMPACTED.
4. 3" MINIMUM OF HARDWOOD BARK MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
5. TREE FROG ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE. (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED NATIVE SOIL.
11. SCARIFY BOTTOM AND SIDES OF PLANTING PIT.
12. CUT BACK SLOPE TO PROVIDE A FLAT SURFACE FOR PLANTING.

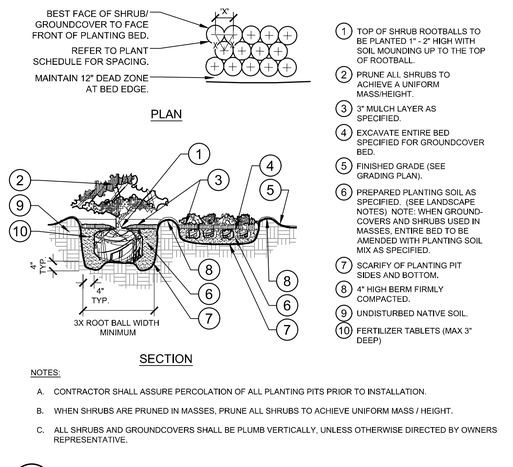
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

2 L1.50 TREE PLANTING ON A SLOPE
SECTION / PLAN NTS



1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
3. 3" MULCH LAYER AS SPECIFIED.
4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
5. FINISHED GRADE (SEE GRADING PLAN).
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
7. SCARIFY OF PLANTING PIT SIDES AND BOTTOM.
8. 4" HIGH BERM FIRMLY COMPACTED.
9. UNDISTURBED NATIVE SOIL.
10. FERTILIZER TABLETS (MAX 3" DEEP)

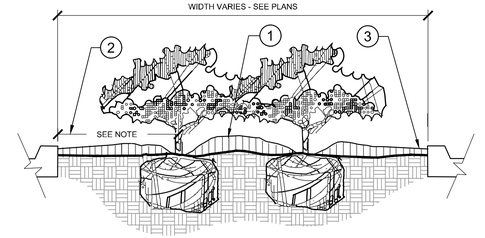
NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

3 L1.50 SHRUB/GROUNDCOVER PLANTING
SECTION / PLAN NTS



1. CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
2. CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH OR TURF, SEE PLANS.
3. 2" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

NOTES:

A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.

B. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).

C. ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR LESS.

4 L1.50 PLANTED PARKING LOT ISLANDS/MEDIANS
SECTION NTS

1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. PRUNE SHRUBS AS DIRECTED BY OWNER'S REPRESENTATIVE.
3. 3" MINIMUM OF MULCH AS SPECIFIED. WHERE SHRUBS ARE PLACED IN MASSES, MULCH SHALL BE SPREAD IN A CONTINUOUS BED.
4. SOIL BERM TO HOLD WATER, TOP OF PLANTING PIT 'BERM' TO BE LEVEL ACROSS PIT. SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE. MULCH OVER EXPOSED TOPSOIL.
5. FINISHED GRADE (SEE GRADING PLAN)
6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).
7. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
8. FERTILIZER TABLETS (MAX 3" DEEP).
9. UNDISTURBED NATIVE SOIL

NOTES:

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

5 L1.50 SHRUB/GROUNDCOVER PLANTING ON A SLOPE
SECTION NTS

NOTES:

1. CLEAR ZONE: 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.
2. INSTALL SPECIFIED MULCH: 24" MIN, FROM BUILDING. SPECIFIED MULCH TO BE INSTALLED AT A DEPTH OF 3" (MIN.)

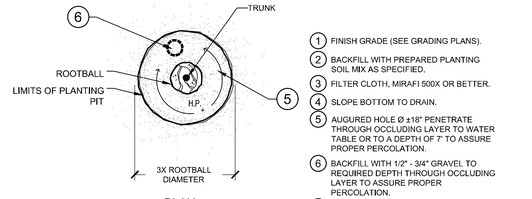
6 L1.50 PLANTINGS ADJACENT TO BUILDINGS
SECTION NTS

1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.
2. CURB / PARKING LOT EDGE.

7 L1.50 PARKING SPACE/CURB PLANTING
SECTION NTS

1. FIRE HYDRANT.
2. NO PLANT EXCEED: MATURE HEIGHT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON SITE.
3. FRONT OF HYDRANT (TOWARD CURB)

8 L1.50 SHRUB PLANTING AT FIRE HYDRANT
SECTION / PLAN NTS



1. FINISH GRADE (SEE GRADING PLANS).
2. BACKFILL WITH PREPARED PLANTING SOIL MIX AS SPECIFIED.
3. FILTER CLOTH, MIRAFI 500X OR BETTER.
4. SLOPE BOTTOM TO DRAIN.
5. AUGURED HOLE Ø ±18" PENETRATE THROUGH OCCLUDING LAYER TO WATER TABLE OR TO A DEPTH OF 7' TO ASSURE PROPER PERCOLATION.
6. BACKFILL WITH 1/2" - 3/4" GRAVEL TO REQUIRED DEPTH THROUGH OCCLUDING LAYER TO ASSURE PROPER PERCOLATION.
7. WATER TABLE. (DEPTH VARIES)
8. UNDISTURBED NATIVE SOIL.
9. SET ROOTBALL ON UNDISTURBED STABLE SUBSOIL SO THAT TOP OF ROOT BALL IS 1" ABOVE FINISHED GRADE.

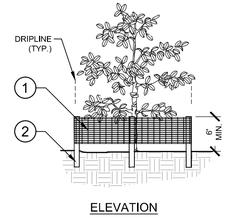
NOTES:

A. THIS DETAIL SHALL BE IMPLEMENTED WHERE PERCOLATION RATES ARE 2" PER HOUR OR LESS.

B. CONTRACTOR TO PERFORM PERCOLATION TEST AS REQUIRED. AND NOTIFY OWNER/LANDSCAPE ARCHITECT.

C. SEE TYPICAL TREE PLANTING DETAIL THIS SHEET FOR PLANT STAKING.

9 L1.50 POOR DRAINAGE CONDITION
SECTION / PLAN NTS



1. 6'H "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2" x 2" X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.

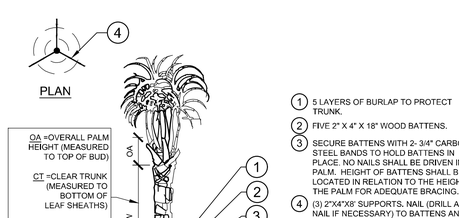
B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.

C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).

D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

10 L1.50 TREE PROTECTION FENCING
ELEVATION / PLAN NTS



1. 5 LAYERS OF BURLAP TO PROTECT TRUNK.
2. FIVE 2" X 4" X 18" WOOD BATTENS.
3. SECURE BATTENS WITH 2- 3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING.
4. (3) 2"X4"X8' SUPPORTS, NAIL (DRILL AN NAIL IF NECESSARY) TO BATTENS AND 2" 4" STAKES. STAIN DARK BROWN.
5. 3" SPECIFIED MULCH
6. BERM SOIL TO HOLD WATER.
7. FINISH GRADE
8. 2X4X24" (MIN) P.T. WOOD STAKES (TYP.) NAIL TO SUPPORT POLES.
9. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).

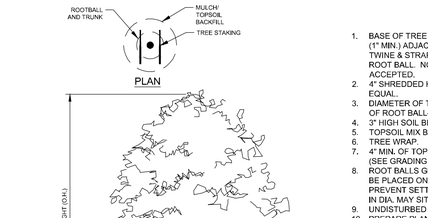
NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. ALL TREE STAKING IS TO BE WITHIN MULCH BED AREA OUTSIDE TREE PIT.

C. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION. REFER TO POOR DRAINAGE CONDITION DETAIL.

11 L1.50 PALM PLANTING
SECTION / PLAN NTS



1. BASE OF TREE SHALL BE PLANTED SLIGHTLY ABOVE (1" MIN.) ADJACENT FINISH GRADE. REMOVE ALL TWINE & STRAPS & CUT BURLAP FROM TOP 1/3 OF ROOT BALL. NO SYNTHETIC BURLAP WILL BE ACCEPTED.
2. 4" SHREDDED HARDWOOD MULCH OR APPROVED EQUAL.
3. DIAMETER OF TREE PIT TO BE TWICE THE DIAMETER OF ROOT BALL-ROUGHEN SIDES OF TREE PIT.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. TOPSOIL MIX BACKFILL.
6. TREE WRAP.
7. 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE (SEE GRADING PLAN).
8. ROOT BALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOT BALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.
9. UNDISTURBED SUBSOIL.
10. PREPARE PLANTING SOIL AS SPECIFIED.
11. **Tree Frog® RBK40pt** FOR UP TO 4" TREE CALIPER OR **Tree Frog® RBK60pt** FOR GREATER THAN 4" AND UP TO 6" TREE CALIPER. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.

NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

B. SET TREE AT ORIGINAL DEPTH. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.

D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT

E. ASSURE PERCOLATION OF ALL PLANTING PITS

12 L1.50 MULTI-TRUNK TREE PLANTING
SECTION/PLAN NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/17/25	NMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 539-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKS LA6667292 STATE OF FLORIDA

Digitally signed by Matthew T Franks
DN: CN=Matthew T Franks, E=Matthew.Franks@kimley-horn.com, OU=Matthew T Franks, O=KIMLEY-HORN AND ASSOCIATES INC., C=US
Date: 2025.07.17 16:26:52 -04'00'

DATE 07/17/2025

KHA PROJECT	149170026
DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

LANDSCAPE DETAILS

WINTER SPRINGS WAWA FL

CITY OF WINTER SPRINGS

SHEET NUMBER L1.50

Plotted By:Mah, Itm Sheet Set:WINTER SPRINGS MARKETPLACE ADDITIONAL PARKING Layout:L1.50 July 17, 2025 03:23:48pm K:\orl-civil\149170026-winter springs wawa\CAD\CONST\plansheets and parking\L1.00 LANDSCAPE PLAN.dwg

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS SPECIFIED HEREIN.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.

3. THE CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FDOT DESIGN STANDARDS, INDEX 600. IF A DIRECT APPLICATION OF INDEX 600 IS PROPOSED, THE CONTRACTOR SHALL SUBMIT IN WRITING A STATEMENT INDICATING THE STANDARD INDEX AND PAGE NUMBER NO LESS THAN 10 BUSINESS DAYS PRIOR TO START OF CONSTRUCTION. WHEN A DIRECT APPLICATION OF FDOT STANDARD INDEX 600 IS NOT ACCEPTABLE A PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A FLORIDA PROFESSIONAL ENGINEER WHO HAS SUCCESSFULLY COMPLETED ADVANCED TRAINING IN MAINTENANCE OF TRAFFIC, AS DEFINED BY FDOT FOR APPROVAL BY THE COUNTY ENGINEER'S REPRESENTATIVE.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON INFORMATION FURNISHED BY THE OWNER OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPURTENANCES OBSERVED IN THE FIELD. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR; REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

C. PROTECTION OF EXISTING PLANT MATERIALS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC... THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF THREE HUNDRED DOLLARS ($300) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.

D. MATERIALS

1. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL	SAMPLE SIZE
MULCH	ONE (1) CUBIC FOOT
TOPSOIL MIX	ONE (1) CUBIC FOOT
PLANTS	ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)

2. PLANT MATERIALS

a. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE.

b. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

c. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

1. CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:

2. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

a. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND HAVE A PH BETWEEN 5.5 AND 7.0.

b. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.

c. SOIL AMENDMENT (IF NEEDED PER SOIL TESTING) THE CONTRACTOR SHALL FURNISH AND INSTALL A 3" LAYER OF AMENDED PLANTING SOIL IN ALL PLANTING BEDS, EXCLUDING SOD AREAS. THE AMENDED PLANTING SOIL SHALL BE COMPOSED OF 35% FERTICOMP 20% FLORIDA PEAT 45% SANDY LOAM. THE AMENDED PLANTING SOIL SHALL BE MIXED INTO THE BEDS UPON PLANTING.

2. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING (SUBMIT SOIL TESTING RESULTS AFTER INCORPORATING AMENDMENTS TO DEMNSTRATE COMPLIANCE WITH SOIL QUALITY REQUIREMENTS .

F. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.... IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

* WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

* FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE). MULCH SHALL BE "FLORIMULCH," EUCALYPTUS MULCH, OR SIMILAR SUSTAINABLY HARVESTED MULCH UNLESS SPECIFIED OTHERWISE.

2. PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT (6' MINIMUM) PLANTED UNDER THIS CONTRACT.

I. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2. BALLED AND BURLAPPED (B&B), AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS: ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.

5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.

4. RPG= "ROOTS PLUS GROWER" CONTAINER PRODUCTS SHALL BE USED WHERE SPECIFIED.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

N. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ONSITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK FILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET, ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE. ALL BURLAP, ROPE, WIRES, BASKETS, ETC.., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

13. TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST, IN ACCORDANCE WITH ANSI A-300.

14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOW ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

16. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.

2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

4. SODDING

a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.

b. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.

c. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.

5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE

a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).

b. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

S. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

T. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROJECT SITE INCLUDING BUT NOT LIMITED TO WATERING OF LANDSCAPE MOWING, BLOWING, EDGING, TRIMMING, PRUNING, WEEDING, SPRAYING OF PESTICIDES, FUNGICIDES AND HERBICIDES, FROM CONSTRUCTION START THROUGH OWNER FINAL PROJECT ACCEPTANCE.

4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

5. PALM INOCULATION: ALL PHOENIX GENUS AND BISMARKIA GENUS PALMS SHALL BE INOCULATED AGAINST LETHAL BRONZING PRIOR TO LEAVING THE TREE FARM/NURSERY. CONTRACTOR SHALL PROVIDE PROOF OF INOCULATION AND CERTIFICATION THAT THE PALMS ARE HEALTHY AND FREE OF ALL DISEASE. THE CONTRACTOR IS RESPONSIBLE FOR INOCULATION OF THE PALMS, ONCE PLANTED, TO THE END OF THE WARRANTY PERIOD.

1 / L1.51 TYPICAL LANDSCAPE SPECIFICATIONS (FLORIDA)

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/17/25	MMB

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REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKO LA6667292 STATE OF FLORIDA

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Date: 2025.07.17 16:27:27-04'00'

DATE: 07/17/2025

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DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

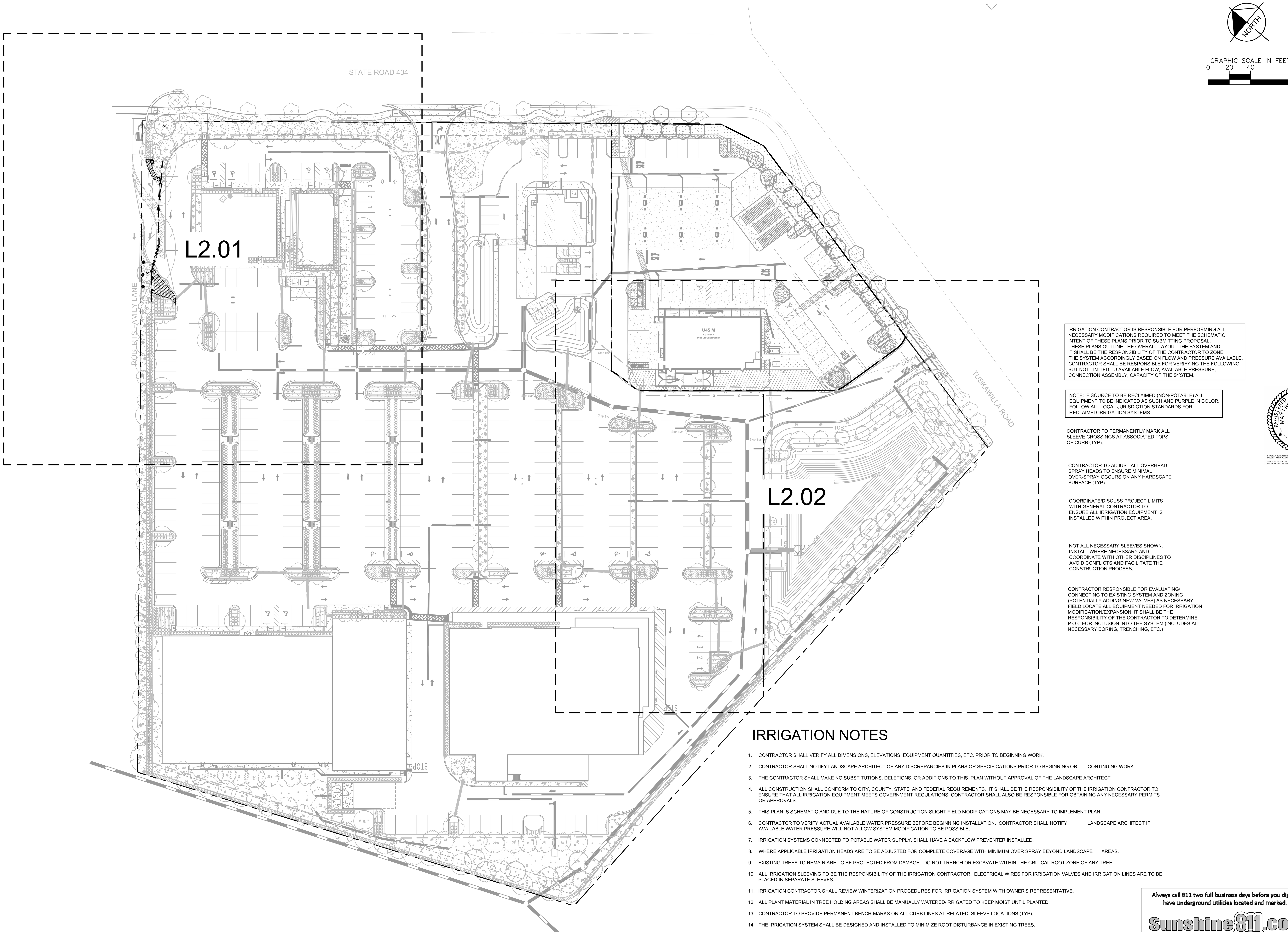
LANDSCAPE SPECIFICATIONS

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L1.51

Plotted By:Miah, Ifrit Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:L1.51 July 17, 2025 03:23:43pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L1.00 LANDSCAPE PLAN.dwg



IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL NECESSARY MODIFICATIONS REQUIRED TO MEET THE SCHEMATIC INTENT OF THESE PLANS PRIOR TO SUBMITTING PROPOSAL. THESE PLANS OUTLINE THE OVERALL LAYOUT THE SYSTEM AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ZONE THE SYSTEM ACCORDINGLY BASED ON FLOW AND PRESSURE AVAILABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FOLLOWING BUT NOT LIMITED TO AVAILABLE FLOW, AVAILABLE PRESSURE, CONNECTION ASSEMBLY, CAPACITY OF THE SYSTEM.

NOTE: IF SOURCE TO BE RECLAIMED (NON-POTABLE) ALL EQUIPMENT TO BE INDICATED AS SUCH AND PURPLE IN COLOR. FOLLOW ALL LOCAL JURISDICTION STANDARDS FOR RECLAIMED IRRIGATION SYSTEMS.

CONTRACTOR TO PERMANENTLY MARK ALL SLEEVE CROSSINGS AT ASSOCIATED TOPS OF CURB (TYP).

CONTRACTOR TO ADJUST ALL OVERHEAD SPRAY HEADS TO ENSURE MINIMAL OVER-SPRAY OCCURS ON ANY HARDSCAPE SURFACE (TYP).

COORDINATE/DISCUSS PROJECT LIMITS WITH GENERAL CONTRACTOR TO ENSURE ALL IRRIGATION EQUIPMENT IS INSTALLED WITHIN PROJECT AREA.

NOT ALL NECESSARY SLEEVES SHOWN. INSTALL WHERE NECESSARY AND COORDINATE WITH OTHER DISCIPLINES TO AVOID CONFLICTS AND FACILITATE THE CONSTRUCTION PROCESS.

CONTRACTOR RESPONSIBLE FOR EVALUATING/ CONNECTING TO EXISTING SYSTEM AND ZONING (POTENTIALLY ADDING NEW VALVES) AS NECESSARY. FIELD LOCATE ALL EQUIPMENT NEEDED FOR IRRIGATION MODIFICATION/EXPANSION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE P.O.C FOR INCLUSION INTO THE SYSTEM (INCLUDES ALL NECESSARY BORING, TRENCHING, ETC.)

IRRIGATION NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, ETC. PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
3. THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
5. THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
6. CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE WILL NOT ALLOW SYSTEM MODIFICATION TO BE POSSIBLE.
7. IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
8. WHERE APPLICABLE IRRIGATION HEADS ARE TO BE ADJUSTED FOR COMPLETE COVERAGE WITH MINIMUM OVER SPRAY BEYOND LANDSCAPE AREAS.
9. EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
10. ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES.
11. IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNER'S REPRESENTATIVE.
12. ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
13. CONTRACTOR TO PROVIDE PERMANENT BENCH-MARKS ON ALL CURB LINES AT RELATED SLEEVE LOCATIONS (TYP).
14. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED TO MINIMIZE ROOT DISTURBANCE IN EXISTING TREES.
15. IRRIGATION SPRAYS AND ROTORS ARE NOT COMBINED ON THE SAME CONTROL VALVE CIRCUIT - LANDSCAPE BEDS AND TURF ON SEPARATE CIRCUITS.
16. MATCH PRECIPITATION RATES WITH ANY HEADS THAT ARE REPLACED.

Always call 811 two full business days before you dig to have underground utilities located and marked.

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No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/17/25	MMB

Kimley»Horn
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REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKO LA6667292 STATE OF FLORIDA

Digitally signed by Matthew T Franko
DN: CN=Matthew T Franko, dnQualifier=A01410D000001936A520118000261BF, O=KIMLEY-HORN AND ASSOCIATES INC, C=US
Date: 2025.07.17 16:28:28-04'00'

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DATE: 07/17/2025

KHA PROJECT 149170026
DATE 07/17/2025
SCALE AS SHOWN
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DRAWN BY JCB
CHECKED BY CNS

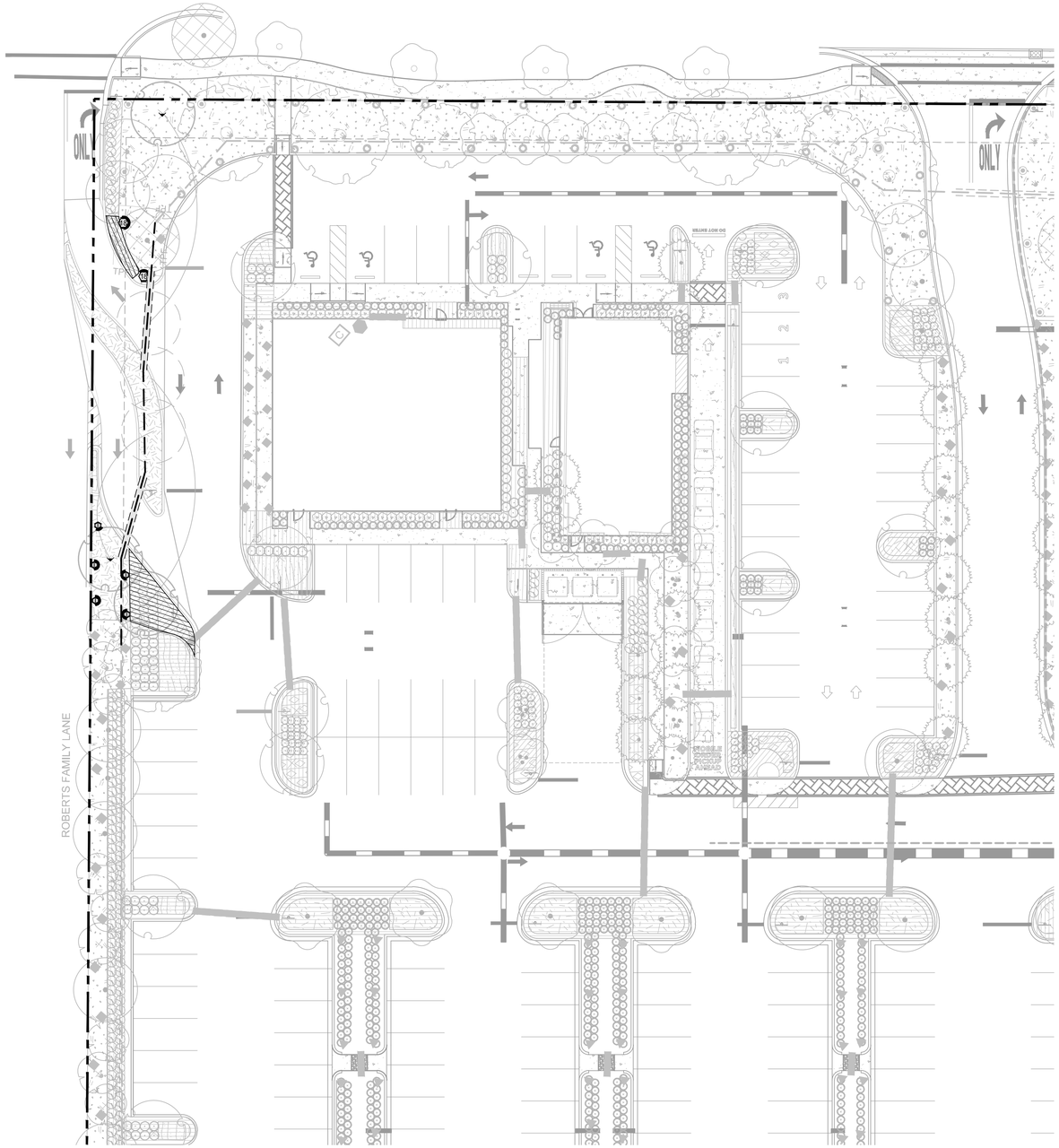
IRRIGATION OVERALL

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L2.00

Plotted By:Miah, Ifrit Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:L2.00 July 17, 2025 03:24:25pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L2.00 IRRIGATION PLAN.dwg



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

IRRIGATION SCHEDULE TURN MODIFICATION

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
14 ADJ 14 F	RAIN BIRD R-VAN14 RD-06-S-P45-F TURF ROTARY, 8FT.-14FT. 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 TURF SPRAY BODY ON 6IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, FLOW-SHIELD TECHNOLOGY, 1/2IN. NPT FEMALE THREADED INLET.	5	30
18 ADJ 18 F	RAIN BIRD R-VAN18 RD-06-S-P45-F TURF ROTARY, 13FT.-18FT. 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 TURF SPRAY BODY ON 6IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, FLOW-SHIELD TECHNOLOGY, 1/2IN. NPT FEMALE THREADED INLET.	2	30
1401 1402 1404	RAIN BIRD 1806-SAM-NP-1400 FLOOD FLOOD BUBBLER 6IN. POPUP WITH CHECK VALVE, AND NON-POTABLE PURPLE CAP. INSTALL W/ PA-80 ADAPTER.	2	20

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFDEP-09-12 XFDE ON-SURFACE PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.9 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV & KINK RESISTANT. USE XF INSERT FITTINGS.	345.2 LF

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	IRRIGATION MAINLINE: PVC SCHEDULE 40	132.5 LF
	PIPE SLEEVE: PVC SCHEDULE 40 - MAINLINE	57.0 LF

FLOW TOTALS TURN MODIFICATION

Area for Dripline:	5.2
Bubbler:	0.5
Turf Rotary:	3.3
Total:	9.0 GPM

NOTE: IF SOURCE TO BE RECLAIMED (NON-POTABLE) ALL EQUIPMENT TO BE INDICATED AS SUCH AND PURPLE IN COLOR. FOLLOW ALL LOCAL JURISDICTION STANDARDS FOR RECLAIMED IRRIGATION SYSTEMS.

CONTRACTOR TO PERMANENTLY MARK ALL SLEEVE CROSSINGS AT ASSOCIATED TOPS OF CURB (TYP).

CONTRACTOR TO ADJUST ALL OVERHEAD SPRAY HEADS TO ENSURE MINIMAL OVER-SPRAY OCCURS ON ANY HARDSCAPE SURFACE (TYP).

COORDINATE/DISCUSS PROJECT LIMITS WITH GENERAL CONTRACTOR TO ENSURE ALL IRRIGATION EQUIPMENT IS INSTALLED WITHIN PROJECT AREA.

NOT ALL NECESSARY SLEEVES SHOWN. INSTALL WHERE NECESSARY AND COORDINATE WITH OTHER DISCIPLINES TO AVOID CONFLICTS AND FACILITATE THE CONSTRUCTION PROCESS.

CONTRACTOR RESPONSIBLE FOR EVALUATING/ CONNECTING TO EXISTING SYSTEM AND ZONING (POTENTIALLY ADDING NEW VALVES) AS NECESSARY. FIELD LOCATE ALL EQUIPMENT NEEDED FOR IRRIGATION MODIFICATION/EXPANSION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE P.O.C FOR INCLUSION INTO THE SYSTEM (INCLUDES ALL NECESSARY BORING, TRENCHING, ETC.)

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/17/25	NMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 539-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT
MATTHEW TAYLOR FRANKO
LA6667292
STATE OF FLORIDA

Digitally signed by Matthew T Franko
DN: CN=Matthew T Franko, C=US, E=matthew.franko@kimley-horn.com, O=KIMLEY-HORN AND ASSOCIATES INC., OU=LANDSCAPE ARCHITECTURE, PostalCode=32801, S=FLORIDA, SERIALNUMBER=A01410D000001936A52013B000261BF
Date: 2025.07.17 17:17:48-04'00'

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LICENSED PROFESSIONAL
DATE: 07/17/2025

KHA PROJECT	149170026
DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

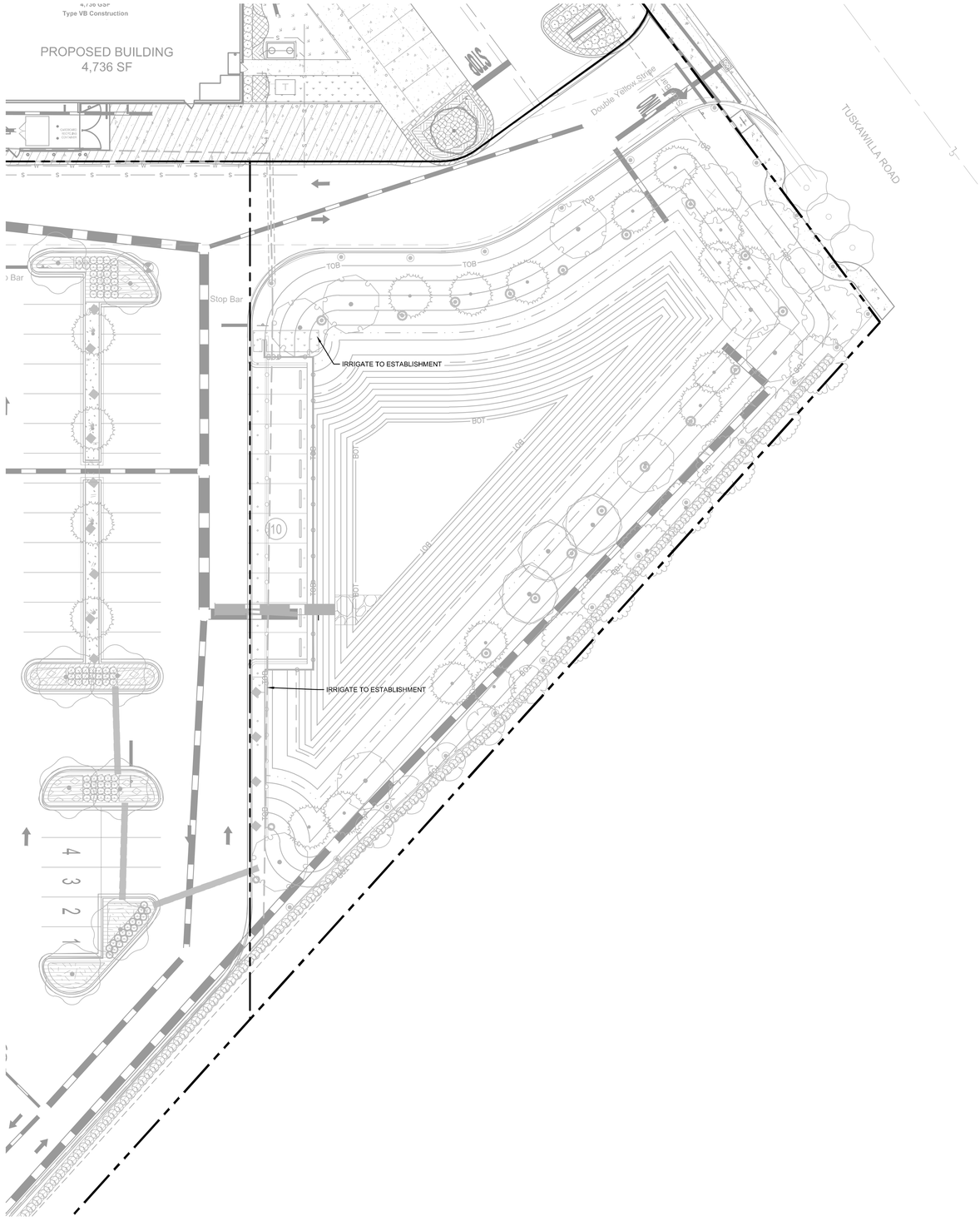
IRRIGATION PLAN

WINTER SPRINGS WAWA

CITY OF WINTER SPRINGS FL

SHEET NUMBER
L2.01

Plotted By:Matth. Iffrt Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:L2.01 July 17, 2025 04:37:01pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L2.01 IRRIGATION PLAN.dwg



NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

NOTE: IF SOURCE TO BE RECLAIMED (NON-POTABLE) ALL EQUIPMENT TO BE INDICATED AS SUCH AND PURPLE IN COLOR. FOLLOW ALL LOCAL JURISDICTION STANDARDS FOR RECLAIMED IRRIGATION SYSTEMS.

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Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 539-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT
MATTHEW TAYLOR FRANKO
LA6667292
STATE OF FLORIDA

Digitally signed by Matthew T Franko
DN: CN=Matthew T Franko
email=MATTHEW.FRANKO@KIMLEY-HORN.COM, C=US
Date: 2025.07.17 17:18:05-04'00'

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DATE: 07/17/2025

KHA PROJECT	149170026
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CHECKED BY	CNS

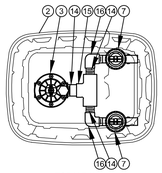
IRRIGATION PLAN

WINTER SPRINGS
WAWA

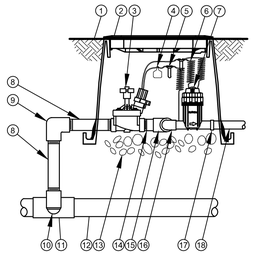
CITY OF WINTER SPRINGS FL

SHEET NUMBER
L2.02

Plotted By: Matt, Ifft Sheet Set: WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout: L2.02 July 17, 2025 04:37:11pm K:\ord_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L2.02 IRRIGATION PLAN.dwg



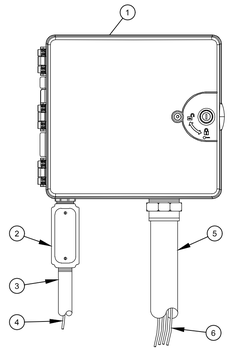
TOP VIEW



SIDE VIEW

1. FINISH GRADE/TOP OF MULCH
2. VALVE BOX WITH COVER:
3. REMOTE CONTROL VALVE:
4. ID TAG
5. WATERPROOF CONNECTION:
6. 30-INCH LINEAR LENGTH OF WIRE, COILED
7. PRESSURE REGULATING QUICK CHECK BASKET FILTER:
8. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
9. PVC SCH 40 ELL
10. PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL
11. PVC SCH 40 TEE OR ELL
12. MAINLINE PIPE
13. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
14. PVC SCH 80 NIPPLE, CLOSE
15. PVC SCH 40 TEE
16. PVC SCH 40 ELL
17. PVC SCH 40 FEMALE ADAPTOR
18. LATERAL PIPE

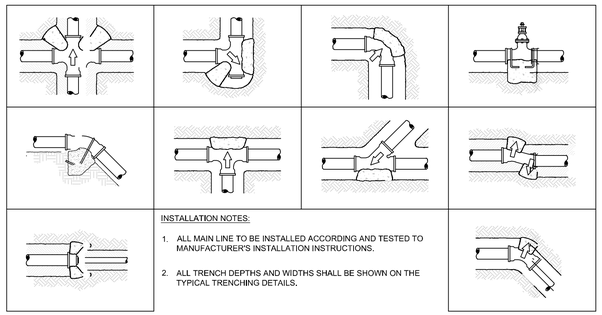
1 COMMERCIAL CONTROL DRIP ZONE VALVE KIT
L2.50 SECTION / PLAN — NTS



1. IRRIGATION CONTROLLER: CONTROLLER (OWNER TO SPECIFY WALL MOUNT OR STAINLESS STEEL PEDESTAL MOUNT). INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. JUNCTION BOX
3. 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
4. POWER SUPPLY WIRE
5. 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
6. WIRES TO REMOTE CONTROL VALVES

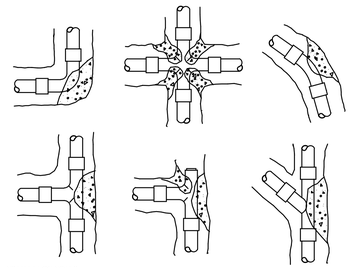
NOTES:
1. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
2. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

2 TYPICAL CONTROLLER
L2.50 ELEVATION — NTS



INSTALLATION NOTES:
1. ALL MAIN LINE TO BE INSTALLED ACCORDING AND TESTED TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ALL TRENCH DEPTHS AND WIDTHS SHALL BE SHOWN ON THE TYPICAL TRENCHING DETAILS.

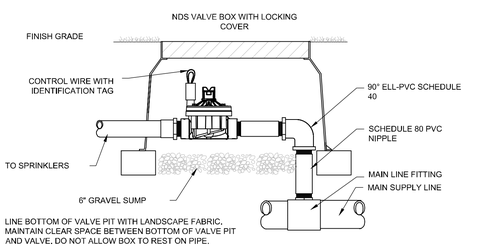
3 TYPICAL THRUST BLOCK
L2.50 SECTION — NTS



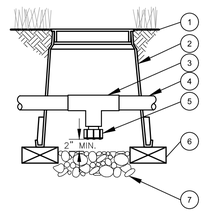
INSTALLATION NOTES
1. 3000 PSI CONCRETE OR BETTER IS TO BE USED FOR THRUST BLOCKS.
2. FOR 45°/90° FITTINGS, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
3. FOR 22-1/2° FITTINGS, MINIMUM OF 0.5 CUBIC FEET OF CONCRETE TO BE USED.
4. FOR TEES, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED. THRUST

BLOCKS REQUIRED FOR IRRIGATION MAINLINE 2 1/2" AND LARGER.

4 THRUST BLOCK REINFORCEMENT
L2.50 SECTION — NTS

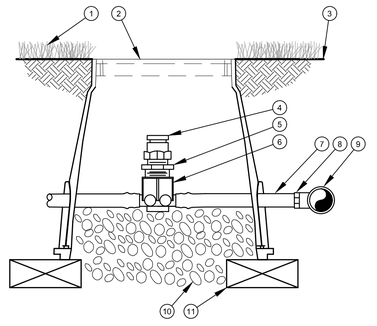


5 TYPICAL CONTROL VALVE
L2.50 SECTION — NTS



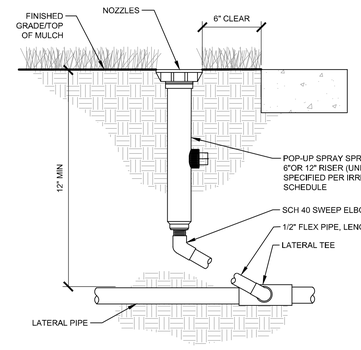
1. FINISH GRADE/TOP OF MULCH
2. VALVE BOX WITH COVER:
3. PVC SCH 40 TEE
4. PVC LATERAL PIPE
5. FILTERED DRAIN VALVE:
6. BRICK (1 OF 2)
7. 6-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

6 DRAIN VALVE
L2.50 SECTION — NTS

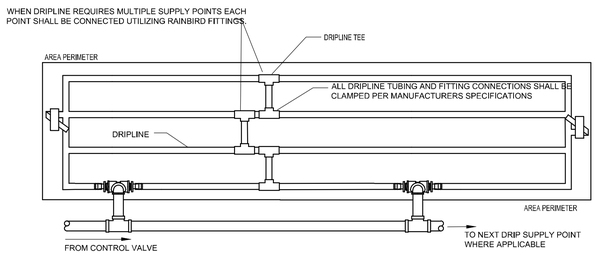


1. TURF GRASS
2. VALVE BOX LID
3. FINISH GRADE
4. ½" AIR RELIEF VALVE: TO BE INSTALLED AT HIGH POINTS IN DRIP ZONE
5. ½" X ¾" PVC REDUCER BUSHING
6. BARB X FEMALE THREAD CONNECTOR:
7. ½" BLANK DRIPLINE TUBING:
8. BARB X MALE THREAD CONNECTOR:
9. PVC TEE CONNECTED TO PVC HEADER PIPE
10. 3" MINIMUM DEPTH OF ¾" WASHED GRAVEL
11. BRICK (1 OF 2)

7 AIR RELIEF VALVE IN XFS DRIP LINE
L2.50 SECTION — NTS



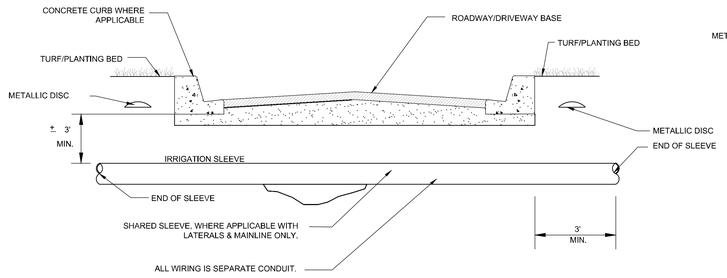
8 TYPICAL IRRIGATION HEAD
L2.50 SECTION — NTS



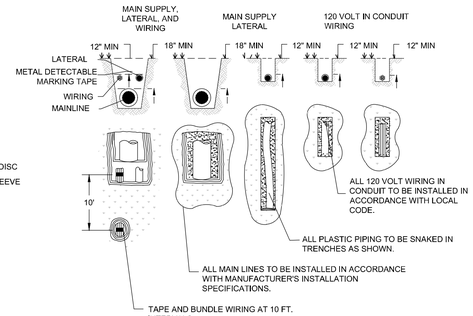
CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS. IF NOT SHOWN, INSTALL WITHIN ADJACENT GREEN AREA NOT IN A HIGHLY VISIBLE AREA.

NOTE:
1. DRIP TUBING TO BE ROUTED IN THE PLANT MATERIAL BED WITH AT MAXIMUM LATERAL SPACING OF 16 INCHES.
2. DRIP TUBING TO BE INSTALLED IN A GRID PATTERN. DRIP TUBING SHALL NOT BE INSTALLED IN A LONG CONTINUOUS RUN.
3. CONTRACTOR TO REFER TO IRRIGATION PLAN FOR LOCATION OF CONTROL VALVES THAT UTILIZE MULTIPLE DRIPLINE SUPPLY CONNECTIONS (IF SHOWN).

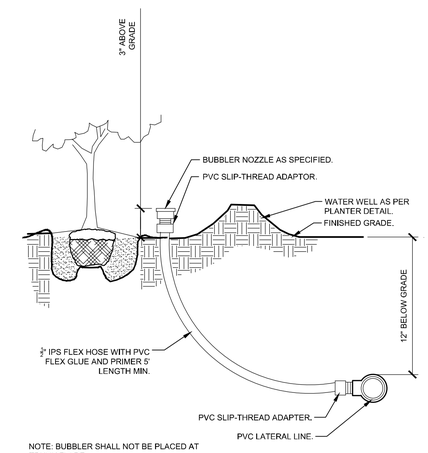
9 TYPICAL DRIP LINE
L2.50 PLAN — NTS



10 TYPICAL SLEEVING
L2.50 SECTION — NTS



11 TYPICAL TRENCHING
L2.50 SECTION / PLAN — NTS



NOTE: BUBBLER SHALL NOT BE PLACED AT TRUNK FLARE.

12 TYPICAL BUBBLER
L2.50 SECTION — NTS

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/17/25	MMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 539-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKO LA6667292 STATE OF FLORIDA
Digitally signed by Matthew T Franko
DN: CN=Matthew T Franko, OU=Auth=A01410D000001936A52011800020198, O=KIMLEY-HORN AND ASSOCIATES INC., C=US
Date: 2025.07.17 16:26:35-04'00'
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LICENSE NUMBER — DATE: 07/17/2025

KHA PROJECT 149170026
DATE 07/17/2025
SCALE AS SHOWN
DESIGNED BY ADL
DRAWN BY JCB
CHECKED BY CNS

IRRIGAITON DETAILS

WINTER SPRINGS WAWA
CITY OF WINTER SPRINGS FL

SHEET NUMBER
L2.50

Plotted By:Miah, Ifht Sheet Set:WINTER SPRINGS MARKETPLACE- ADDITIONAL PARKING Layout:L2.50 July 17, 2025 03:24:54pm K:\ol_civil\149170026-winter springs wawa\CAD\CONST\plansheets- add parking\L2.50 IRRIGATION PLAN.dwg

IRRIGATION SYSTEM NOTES:

1. THE IRRIGATION MAINLINE LAYOUT IS DIAGRAMMATIC. ANY CHANGES MADE IN THE IRRIGATION MAINLINE DUE TO FIELD CONDITIONS OR CONTRACTOR'S SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH THESE STANDARDS.
2. SET SPRAY HEADS 6" AND ROTORS 12" IN FROM BACK OF CURB OR 24" IF PAVEMENT HAS NO CURB.
3. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL NECESSARY MODIFICATIONS REQUIRED TO MEET THE SCHEMATIC INTENT OF THESE PLANS PRIOR TO SUBMITTING PROPOSAL. THESE PLANS OUTLINE THE OVERALL LAYOUT THE SYSTEM AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ZONE THE SYSTEM ACCORDINGLY BASED ON FLOW AND PRESSURE AVAILABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FOLLOWING BUT NOT LIMITED TO AVAILABLE FLOW, AVAILABLE PRESSURE, CONNECTION ASSEMBLY, CAPACITY OF THE SYSTEM.
4. CONTRACTOR TO PROVIDE NEW AUTOMATIC CONTROLLER FOR PROPOSED SYSTEM (NO BATTERY OPERATED CONTROLLERS ALLOWED). COORDINATE LOCATION WITH OWNER.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AUTOMATIC RAIN SENSOR. COORDINATE LOCATION W/ OWNER.
6. IRRIGATION SHALL NOT BE COMBINED ON A SINGLE ZONE AND SHALL BE ZONED ACCORDING TO IRRIGATION TYPE, PRECIPITATION RATE, AND THE SYSTEM'S AVAILABLE WATER / PRESSURE. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO OWNER FOR REVIEW PRIOR TO INSTALLATION.
7. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL FIELD VERIFY.
8. CONTRACTOR TO FIELD VERIFY ALL POINT OF CONNECTION SOURCE INFORMATION INCLUDING PSI AND GPM PRIOR TO CONSTRUCTION.
9. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON-SITE.
10. CONTRACTOR SHALL COORDINATE WITH THE PLANTING PLAN FOR PLANTER BED AND TREE LOCATIONS TO ENSURE ALL PLANT MATERIAL IS COVERED BY 100% HEAD-TO-HEAD IRRIGATION.
11. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT.
12. PRODUCTS SHALL BE AS SPECIFIED OR APPROVED EQUAL.

PRE-APPROVED MANUFACTURERS:
1. TORO
2. HUNTER
3. RAINBIRD

13. IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTION.
14. LOCATE ALL IRRIGATION LINES WITHIN LANDSCAPED AREAS WHENEVER POSSIBLE. ALL LINES UNDER PAVEMENT MUST BE SLEEVED WITHIN SCH. 40 PVC 2x SIZE OF PIPE AND FREE OF STONES/DEBRIS. ALL VALVES SHALL BE LOCATED WITHIN LANDSCAPED AREAS.
15. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE.
16. THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR SLEEVING AND DIRECTIONAL BORES.
17. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS. ALL SLEEVES ON PLAN FOR WALL PENETRATIONS AND UNDER SIDEWALKS SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES.
18. ALL PRESSURIZED MAINLINES AND LATERALS UNDER PAVEMENT SHALL BE WITHIN SCH. 40 PVC SLEEVES. WHERE ELECTRIC OR HYDRAULIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT.
19. NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO AUTOMATIC AND GATE VALVE DESIGNATIONS. ALL HOSE BIBB VALVE BOXES SHALL BE LABELED IN A SIMILAR MANNER WITH THE DESIGNATION "HB". LETTER OUTSIDE OF TIME CLOCK CABINETS TO CORRESPOND WITH IRRIGATION CLOCK PROGRAM DESIGNATION.
20. THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW." THE TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE IRRIGATION MAINLINE.
21. ELECTRIC SERVICE TO THE CONTROLLER SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.
22. ALL 24 VAC WIRING FROM DECODER TO VALVE SHALL BE OF DIRECT BURIAL COPPER WIRE. MAXIMUM LENGTH OF WIRE FROM DECODER TO VALVE SHALL NOT EXCEED 400 FEET. AS FOLLOWS:
    CONTROL WIRES - #14
    COMMON WIRES - #14
23. ALL VALVES, SPLICES WITHIN CONTROL LINES, AND QUICK COUPLERS SHALL BE LOCATED WITHIN NDS VALVE BOXES AS FOLLOWS:
    -RECTANGULAR 12"X17" HEAVY DUTY BOX. (PURPLE COVER FOR REUSE TO BE PROVIDED WHERE APPROPRIATE).
24. ALL IRRIGATION HEADS/DRIP TUBING SHALL BE LOCATED ONE (1) FOOT FROM BACK OF CURB WHEN NEXT TO A ROADWAY, (THIS SHALL NOT INCLUDE PARKING AREAS OR DRIVE AISLES).
25. HEADS, LATERALS, EMITTERS, AND VALVES ARE NOT SHOWN, BUT ARE NECESSARY FOR A FULLY FUNCTIONING IRRIGATION SYSTEM.
26. LOCATE ALL VALVES IN PLANTING BEDS WITH A MINIMUM OF 3'-0" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. PIPE SIZES ON EITHER SIDE OF SECTION VALVES CONNECTING MAINLINE TO SECTION LATERAL SHALL BE ONE (1) PIPE SIZE LARGER THAN VALVE SIZE. WHERE MAINLINES RUN PARALLEL TO PAVEMENT OR CURBING, THE MAINLINE SHALL BE OFFSET 2'-0" FROM THE EDGE OF PAVEMENT OR CURB.
27. IRRIGATION ZONES SHALL BE SEPARATED FOR HIGH AND LOW WATER USE REQUIREMENTS AND OPERATED ON DIFFERENT WATERING CYCLES. BUBBLERS, DRIPLINE, AND SPRAY HEADS SHALL BE SEPARATED ON DIFFERENT VALVES. AT NO TIME SHALL MULTIPLE IRRIGATION HEAD TYPES BE LOCATED ON THE SAME VALVE.
28. ALL DRIP ZONES SHALL BE INSTALLED WITH A FLUSH VALVE AND AIR RELIEF VALVE. IN THE EVENT THAT A DRIP ZONE HAS MORE THAN ONE HIGH OR LOW POINT, MORE THAN ONE AIR RELIEF VALVE OR FLUSH VALVE WILL BE REQUIRED FOR THAT ZONE. DRIPLINE SHALL PROVIDE 0.9 GPH EMITTERS, 12" O.C. WITH 12" LINE SPACING AT A MINIMUM.
29. ALL WIRING FOR CONNECTION OF THE VALVES TO THE CONTROLLER SHALL FOLLOW MANUFACTURERS SPECIFICATIONS. IF REQUIRED, ALL WIRING FOR A TWO WIRE PATH SHALL BE WITH RED/BLUE TWISTED PAIR 14 AWG. ELECTRIC CONTROL LINES FROM THE DECODER TO THE SOLENOID VALVES SHALL BE TWISTED PAIR 18 AWG. ALL DECODERS SHALL BE GROUNDED EVERY 1,000 L.F. OR EVERY 10 DEVICES. ALL WIRE SHALL BE FURNISHED IN MINIMUM 2,500' REELS AND SPLICING SHALL BE MINIMIZED. BURY SPLICE KIT. ALL 24 VOLT WIRING SHALL BE DONE IN ACCORDANCE WITH EXISTING CODES. SPLICING SHALL BE IN VALVE BOXES OR CONTROLLERS ONLY. IRRIGATION SYSTEM CONTROL SHALL BE TWO WIRE PATH. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S REQUIREMENTS FOR THIS INSTALLATION. TWO WIRE SYSTEM SHALL HAVE 2-WAY COMMUNICATIONS FIELD PROGRAMMABILITY, STATION SPECIFICATIONS AND INTEGRATED SURGE PROTECTION.
30. ALL CONTROL WIRE SHALL BE INSTALLED IN A 1 ½" ELECTRICAL CONDUIT.
31. SMALLEST DIAMETER LATERAL PIPE SHALL BE 3/4".
32. IRRIGATION SYSTEM SHALL BE CAPABLE OF SUPPLYING AN AVERAGE OF 1.05" OF WATER PER WEEK WITHIN WATERING RESTRICTIONS AS APPLICABLE.
33. IRRIGATION SYSTEM SHALL NOT BE INSTALLED THROUGH EXISTING, OR PRESERVED PLANT COMMUNITIES. DO NOT TRENCH THROUGH EXISTING ROOT SYSTEMS OF ANY VEGETATION INTENDED TO BE PRESERVED.
34. CONTRACTOR TO MINIMIZE IRRIGATION OVERTHROW TO IMPERVIOUS AND NATURAL AREAS THROUGH FIELD ADJUSTMENTS TO INDIVIDUAL HEADS.
35. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THE CONDITION DENOTED ON THE LANDSCAPE PLAN.
36. IRRIGATION PIPING INSTALLED UNDER ROADS AND SIDEWALKS SHALL BE IN SCHEDULE 40 PVC SLEEVING AT 2X THE PIPE SIZE. ALL SLEEVING SHALL BE FREE OF STONES AND DEBRIS.
37. IRRIGATION SOURCE TO BE EITHER WELL, POTABLE, OR NON-POTABLE WATER. IRRIGATION CONTRACTOR TO VERIFY SOURCE PRIOR TO DESIGN.
38. POINT OF CONNECTION TO BE DETERMINED BY OWNER. IRRIGATION SYSTEM CONNECTIONS TO THE LOCAL JURISDICTION SERVICE SHALL COMPLY WITH ALL APPLICABLE CODES.
39. IRRIGATION CONNECTION MAY REQUIRE BACKFLOW PREVENTION, VERIFY WITH LOCAL JURISDICTION.
40. IRRIGATION SYSTEM SHALL COMPLY WITH THE LOCAL JURISDICTION LAND DEVELOPMENT CODE.

1 / L2.51 TYPICAL SCHEMATIC IRRIGATION NOTES

No.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/17/25	MMB

Kimley»Horn
6876 MARWICK LANE, SUITE 350, ORLANDO, FL 32827
PHONE: (407) 539-4440
WWW.KIMLEY-HORN.COM REGISTRY No. 35105

REGISTERED LANDSCAPE ARCHITECT MATTHEW TAYLOR FRANKO LA6667292 STATE OF FLORIDA

Digitally signed by Matthew T Franko
DN: CN=Matthew T Franko, email=matthew.franko@kimley-horn.com, O=KIMLEY-HORN AND ASSOCIATES, INC., C=US
Date: 2025.07.17 10:28:35-04'00'

DATE 07/17/2025

THIS DRAWING AND WITH ELECTRONIC FILES AS DESCRIBED HAVE BEEN SEALED BY MATTHEW TAYLOR FRANKO, PLA, USING A DIGITAL SIGNATURE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KHA PROJECT	149170026
DATE	07/17/2025
SCALE	AS SHOWN
DESIGNED BY	ADL
DRAWN BY	JCB
CHECKED BY	CNS

IRRIGATION NOTES

WINTER SPRINGS WAWA

FL

CITY OF WINTER SPRINGS

SHEET NUMBER
L2.51

Plotted By:Mah, Ifht Sheet Set:WINTER SPRINGS (MARKETPLACE- ADDITIONAL PARKING Layout:L2.51 July 17, 2025 03:24:57pm K:\orl_civil\149170026-winter springs wawa\CADD\CONST\plansheets- add parking\L2.0) IRRIGATION PLAN.dwg

Kimley»Horn

MEMORANDUM

To: Terrilyn Rolle, MPA, AICP
Director of Community Development, Winter Springs

From: Emanuelle D Rodríguez Muñiz, P.E., IMSA[1]
Kimley-Horn and Associates, Inc.

Date: December 6, 2024

Subject: Wawa Winter Springs
Parking Demand Study



This document has been digitally signed and sealed by Emanuelle D Rodriguez Muñiz, P.E. on the date adjacent to the seal

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Emanuelle D Rodriguez

Digitally signed by Emanuelle D Rodriguez
DN: CN=Emanuelle D Rodriguez, dnQualifier=A01410C000001934168451000 2EF49, O=KIMLEY-HORN AND ASSOCIATES INC, C=US
Date: 2024.12.06 10:35:24-05'00'

Introduction

Kimley-Horn and Associates, Inc. has undertaken the following review and analysis to evaluate the anticipated parking needs for the proposed Wawa convenience store/gas station to be located south of SR 434 and west of Tuskawilla Road in the City of Winter Springs, Florida.

The site is zoned as (T-C) Town Center District. As stated in Section 20-324 of the City's Land Development Code (LDC), there are no minimum parking requirements for T-C; instead, a parking analysis shall be performed justifying the proposed parking solution. This study provides a comparison between the City's code-required parking for the most similar land use, Institute of Transportation Engineers (ITE) *Parking Generation Manual 6th Edition*, and Urban Land Institute (ULI) *Shared Parking 3rd Edition*. The study also includes the required bicycle parking for the site based on the Association of Pedestrian and Bicyclist Professionals (APBP).

The proposed Wawa development will consist of the following uses, as shown in the site plan provided in **Attachment A**:

- 4,736 square feet of convenience store
- 12 vehicle fueling positions (VFP)

Code Parking Requirements

Section 9-277 of the City's LDC defines the off-street parking requirements for specific land uses. The LDC does not have a specific land use for convenience store/gas station therefore “General business and retail commercial” was reviewed:

- General business and retail commercial. One (1) parking space for each three hundred (300) square feet of floor space in the building exclusive of storage space.

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As shown in **Table 1,** a total parking supply of 16 spaces (rounded to nearest integer) at a parking ratio of 3.38 spaces per a thousand square feet would potentially be required depending on interpretation of the City's LDC.

Table 1: City Code Parking Requirement

City LDC		Proposed Development		Required Parking
Land Use	Min. Requirement	Size	Units	
General business and retail commercial	1 space per 300 SF	4,736	SF	16

ITE's Parking Generation Manual, 6th Edition Evaluation

A calculation of the anticipated parking demand was undertaken using data published by the Institute of Transportation Engineers (ITE) *Parking Generation Manual 6th Edition*. Empirical data collected on sites throughout the country are compiled to develop parking demand ratios for similar land uses. The 85th percentile peak parking demand was utilized in accordance with industry-accepted standards.

As shown in **Table 2,** a total parking supply of 50 spaces (rounded to nearest integer) at a parking ratio of 10.56 spaces per a thousand square feet would be needed to serve the proposed convenience store/gas station as an isolated and stand-alone establishment.

Table 2: ITE Parking Demand Summary

ITE ParkGen			Proposed Development		Required Parking
Land Use	LUC	85th Percentile	Size	Units	
Convenience Store/Gas Station	945	10.65 per KSF	4.736	KSF	50

ULI Shared Parking, 3rd Edition Evaluation

Parking within mixed-use developments means patrons can "park once" though are able to visit multiple establishments essentially reducing overall parking demand. The Urban Land Institute (ULI) *Shared Parking 3rd Edition* provides a methodology to calculate the parking demand reduction based on the mix of land uses. The proposed Wawa is within a mixed-use development as shown in **Table 3.** Properties were identified through a desktop search as well as using data from the Seminole County Property Appraiser. Building configuration of the development is shown as **Attachment C**.

Table 3: ULI Land Uses by Existing Tenants

Bldg.	Existing Tenant	ULI Land Use	Sq. Ft.
A	Lake Jesup Dental Care	Medical/Dental Office	4,280
B	Chipotle	Fast Casual/Fast Food	2,325
C	Fifth Third Bank	Bank (Drive In Branch)	2,065
D	Crunch Fitness	Health Club	19,200
E	Dollar Tree	Discount Stores/Superstores	10,000
F	Aldi	Supermarket/Grocery	19,209
G	Wawa	Retail (over 2KSF)	4,736
		Total	**61,815**

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The ULI Shared Parking provides monthly adjustment factors and weekend time-of-day adjustment factors, which show the peak season and peak time-of-day, respectively. The parking ratio applied is the highest demand period which potentially generates demand for 311 spaces (rounded to the nearest integer). The results of ULI's Shared Parking analysis are shown in **Attachment D.**

As shown in **Table 4**, the mixed-use development *without* Wawa currently provides 344 parking spaces. ULI estimates even including Wawa's parking demand, 307 spaces would be sufficient. Therefore, a 33-parking space surplus exists prior to adding parking by Wawa.

Table 4: Parking Ratio Determination

ULI Peak Demand Estimate	Existing Spaces	Surplus/Deficit
311	344	+33

Bicycle Parking

According to the Association of Pedestrian and Bicyclist Professionals (APBP), bicycle parking can be measured by commercial activity including retail. Long-term bicycle parking is considered utilized by employees demanding less spaces per square foot. Short-term bicycle parking is considered utilized by patrons who routinely generate demand and require more spaces per square foot. Therefore, the short-term bicycle parking recommendation of 2 spaces is applied to the Wawa as shown in **Table 5**:

Table 5: Bicycle Parking Spaces Summary

Commercial Activity	Long-Term Bicycle Parking Requirement	Short-Term Bicycle Parking Requirement
General Retail	1 space for each 12,000 sf of floor area. Minimum requirement is 2 spaces	1 space for each 5,000 sf of floor area. Minimum requirement is 2 spaces

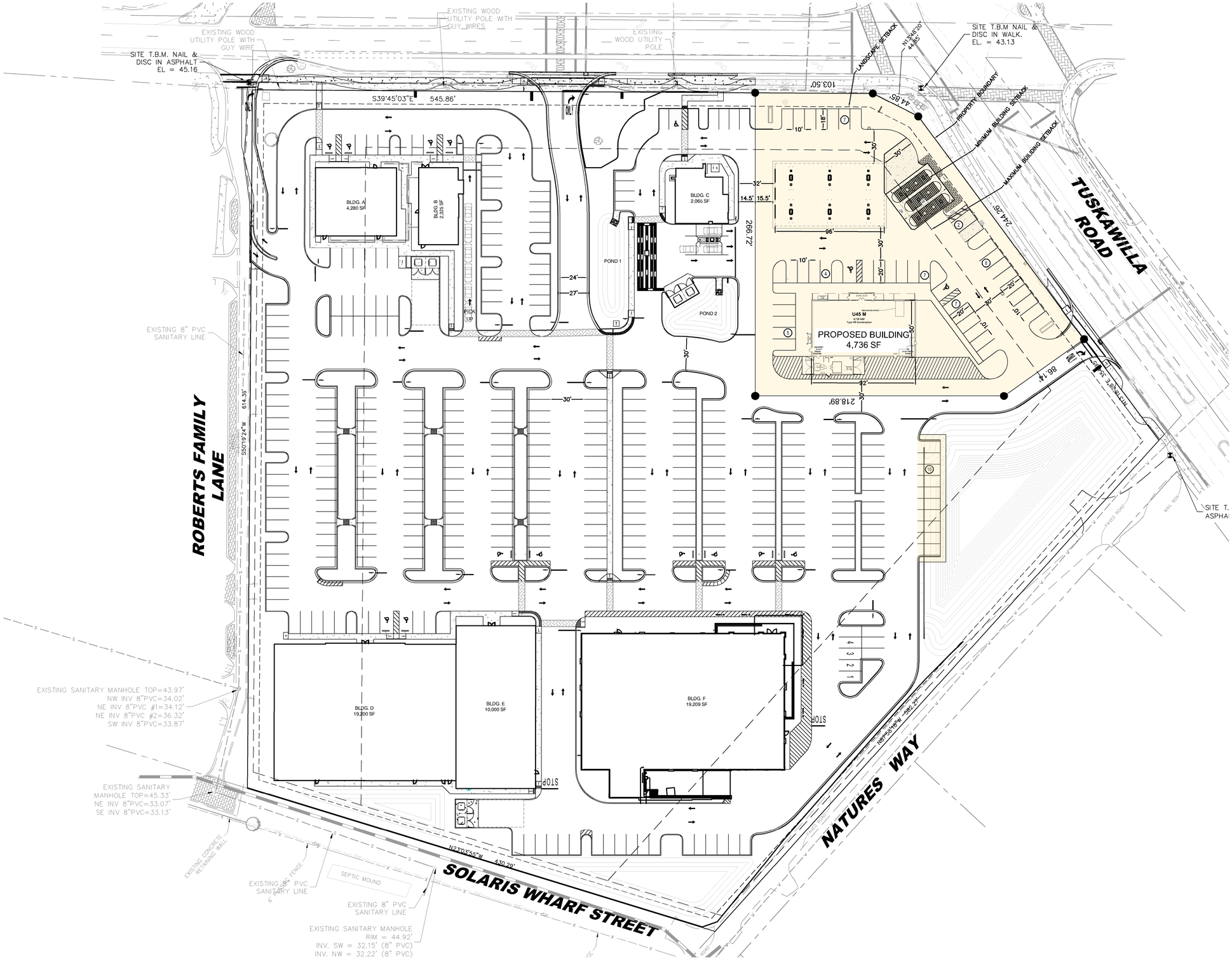
Conclusion

Upon review of the ITE parking ratio for a stand-alone convenience store/gas station, 10.65 spaces per KSF could be recommended. However, Wawa is within a mixed-use development which ULI measures would have shared parking capacity. The mixed-use development including the Wawa would generate demand for a total of 311 spaces. The mixed-use development currently supplies 344 parking spaces which *does not* reflect potential future parking from Wawa. Therefore, the existing 344 spaces is considered sufficient to address both the mixed-use development and Wawa's peak parking demand. Additional parking by Wawa will only serve to increase the existing 33 space surplus.

Additionally, it is recommended that 2 bicycle parking spaces be provided at the Wawa location based on the Association of Pedestrian and Bicyclist Professionals (APBP) guidelines.

ATTACHMENT A

Site Plan



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EQUINOX DEVELOPMENT

GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

Kimley»Horn

SP-47

S.R. 434 & TUSCAWILLA RD.

WINTER SPRINGS, FLORIDA

PROPOSED SITE LAYOUT

06/2052024 - CONTACT JONATHAN A. MARTIN, P.E. (407) 427-1686

ATTACHMENT B

ITE Parking Generation Manual

Land Use: 945 Convenience Store/Gas Station

Description

A convenience store/gas station is a facility with a co-located convenience store and gas station. The convenience store sells grocery and other everyday items that a person may need or want as a matter of convenience. The gas station sells automotive fuels such as gasoline and diesel. The sites in this land use include both self-pump and attendant-pumped fueling positions and both pre-pay and post-pay operations.

A convenience store/gas station is typically located along a major thoroughfare to optimize motorist convenience. Extended hours of operation (with many open 24 hours, 7 days a week) are common at these facilities.

The convenience store product mix typically includes pre-packaged grocery items, beverages, dairy products, snack foods, confectionary, tobacco products, over-the-counter drugs, and toiletries. A convenience store may sell alcohol, often limited to beer and wine. Coffee and premade sandwiches are also commonly sold. Made-to-order food orders are sometimes offered. Some stores offer limited seating.

Convenience Store (Land Use 851) is a related use.

Time-of-Day Distribution for Parking Demand

The following table presents a time-of-day distribution of parking demand on a weekday at five study sites in a general urban/suburban setting.

Hour Beginning	Percent of Weekday Peak Parking Demand
12:00–4:00 a.m.	-
5:00 a.m.	-
6:00 a.m.	-
7:00 a.m.	54
8:00 a.m.	73
9:00 a.m.	65
10:00 a.m.	72
11:00 a.m.	80
12:00 p.m.	100
1:00 p.m.	89
2:00 p.m.	69
3:00 p.m.	63
4:00 p.m.	54
5:00 p.m.	54
6:00 p.m.	49
7:00 p.m.	-
8:00 p.m.	-
9:00 p.m.	-
10:00 p.m.	-
11:00 p.m.	-

Additional Data

The reported parking demand does not include any vehicles parked at fueling pump spaces even though some motorists may leave their vehicle at the fueling pump while inside the convenience store.

The average parking supply ratio for the 15 study sites in a general urban/suburban setting with parking supply information is 12 spaces per 1,000 square feet GFA. The average peak parking occupancy at these sites is 69 percent.

The sites were surveyed in the 1990s, the 2000s, and the 2020s in California, New Jersey, Pennsylvania, Texas, and Virginia.

Source Numbers

417, 433, 443, 444, 626, 637

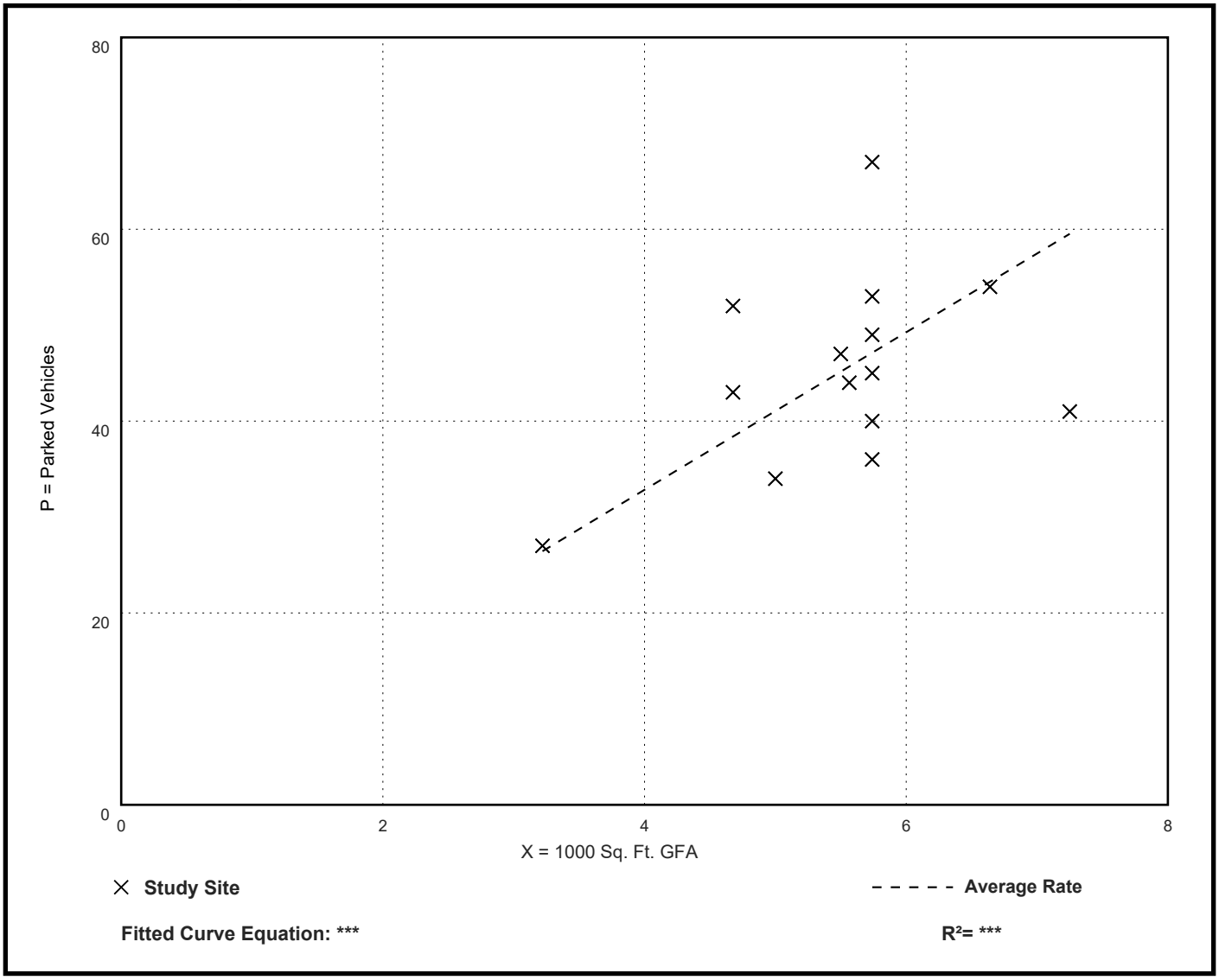
Convenience Store/Gas Station (945)

Peak Period Parking Demand vs: 1000 Sq. Ft. GFA
On a: Weekday (Monday - Friday)
Setting/Location: General Urban/Suburban
Number of Studies: 14
Avg. 1000 Sq. Ft. GFA: 5.5

Peak Period Parking Demand per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	33rd / 85th Percentile	95% Confidence Interval	Standard Deviation (Coeff. of Variation)
8.21	5.66 - 11.67	7.80 / 10.65	***	1.71 (21%)

Data Plot and Equation

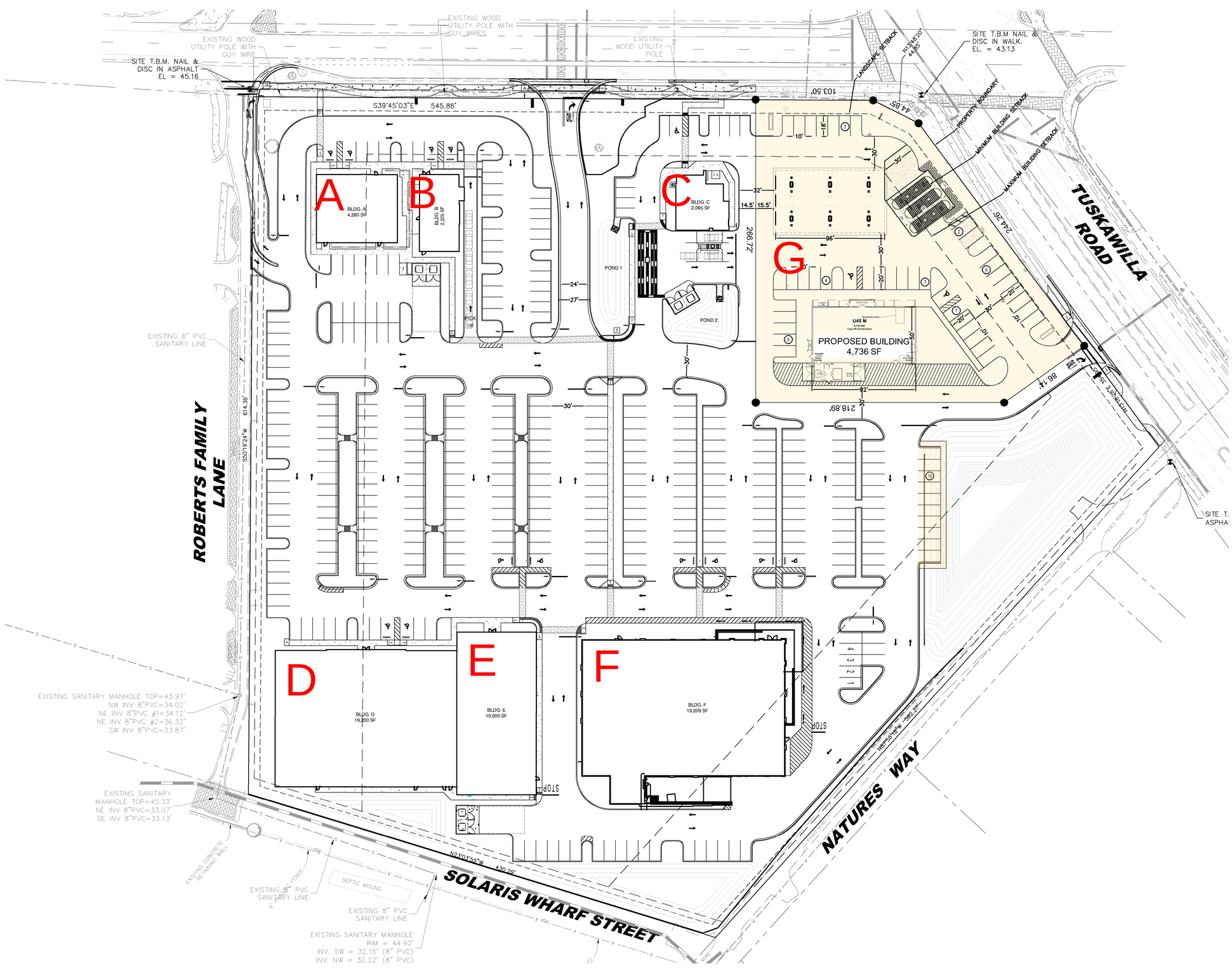


Fitted Curve Equation: *

R^2= *

ATTACHMENT C

Mixed-Use Development Layout



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EQUINOX DEVELOPMENT

SP-47

S.R. 434 & TUSCAWILLA RD.

WINTER SPRINGS, FLORIDA

PROPOSED SITE LAYOUT

06/2052024 - CONTACT JONATHAN A. MARTIN, P.E. (407) 427-1686

GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

Kimley»Horn

ATTACHMENT D

ULI Shared Parking Results

Copyright © 2020 All rights reserved. The Urban Land Institute, International Council of Shopping Centers, and National Parking Association.

Project: Winter Spring
Description: Wawa

Shared Parking Demand Summary

Peak Month: DECEMBER -- Peak Period: 5 PM, WEEKDAY

Land Use	Project Data		Weekday					Weekend					Weekday			Weekend		
	Quantity	Unit	Base Ratio	Driving Adj	Non-Captive Ratio	Project Ratio	Unit For Ratio	Base Ratio	Driving Adj	Non-Captive Ratio	Project Ratio	Unit For Ratio	Peak Hr Adj 5 PM	Peak Mo Adj December	Estimated Parking Demand	Peak Hr Adj 5 PM	Peak Mo Adj December	Estimated Parking Demand
Retail																		
Retail (over 2,000 ksf)	4,736	sf GLA	2.90	100%	100%	2.89	ksf GLA	3.20	100%	100%	3.20	ksf GLA	85%	100%	12	80%	100%	13
Employee			0.70	99%	100%	0.69		0.80	99%	100%	0.79		100%	100%	4	55%	100%	2
Supermarket/Grocery	19,209	sf GLA	4.00	100%	100%	3.99	ksf GLA	4.00	100%	100%	3.99	ksf GLA	100%	100%	77	90%	100%	69
Employee			0.75	99%	100%	0.74		0.75	99%	100%	0.74		100%	100%	15	55%	100%	8
Discount Stores/Superstores	10,000	sf GLA	3.40	100%	100%	3.39	ksf GLA	3.80	100%	100%	3.80	ksf GLA	85%	100%	29	95%	100%	36
Employee			0.85	99%	100%	0.84		0.95	99%	100%	0.94		95%	100%	8	100%	100%	10
Food and Beverage																		
Fast Casual/Fast Food	2,325	sf GLA	12.40	100%	50%	6.16	ksf GLA	12.70	100%	57%	7.26	ksf GLA	60%	96%	10	60%	96%	13
Employee			2.00	99%	100%	1.98		2.00	99%	100%	1.98		70%	100%	3	70%	100%	3
Entertainment and Institutions																		
Health Club	19,200	sf GLA	6.60	100%	99%	6.54	ksf GLA	5.50	100%	99%	5.47	ksf GLA	90%	100%	114	100%	100%	106
Employee			0.40	99%	100%	0.40		0.25	99%	100%	0.25		100%	100%	8	100%	100%	5
Hotel and Residential																		
Office																		
Medical/Dental Office	4,280	sf GFA	3.00	100%	100%	2.99	ksf GFA	0.00	100%	100%	0.00	ksf GFA	80%	100%	10	0%	100%	-
Employee			1.60	100%	100%	1.60		0.00	100%	100%	0.00		100%	100%	7	0%	100%	-
Bank (Drive In Branch)	2,065	sf GFA	3.50	100%	95%	3.34	ksf GFA	3.00	100%	100%	3.00	ksf GFA	100%	100%	8	0%	100%	-
Employee			2.50	100%	100%	2.50		1.75	100%	100%	1.75		100%	100%	6	0%	100%	-
Additional Land Uses																		

	Weekday		Weekend	
Customer/Visitor	260		Customer/Visitor	237
Employee/Resident	51		Employee/Resident	28
Reserved	-		Reserved	-
Total	311		Total	265
Shared Parking Reduction	13%			16%

August 4, 2020

Ms. Kirsten Davis
Equinox Development
630 S. Maitland Avenue
Suite 100
Maitland, Florida 32751

ECS Project No. 55:3210

SUBJECT: Listed Wildlife Species Survey
± 10.25 - Acre Winter Springs Property
Winter Springs, Seminole County, Florida

Dear Ms. Davis:

As requested, ECS Florida, LLC (ECS) is pleased to present the following Listed Wildlife Species Survey for the ± 10.25 - Acre Winter Springs Property located in Winter Springs, Seminole County, Florida. Work was provided by our sub-consultant, Thomson Environmental Consulting (Thomson). We have attached Thomson's report. Thank you for this opportunity to offer our services. Please call the undersigned with questions or comments at (407) 859-8378.

Respectfully submitted,

ECS FLORIDA, LLC

Ivona Minossora
Environmental Group Manager

James (Cliff) Hendrickson, P.G.
Florida Professional Geologist 2226
Environmental Principal

Attachment: Thomson's Listed Wildlife Species Survey

2324 Leu Road
ORLANDO, FLORIDA 32803
407.374.3681 – tel
407.405.8725 – cell

October 22, 2018

Ivona Minossora
ECS Florida, LLC
2815 Directors Row, Suite 500
Orlando, Florida 32809

RE: Listed Wildlife Species Survey
±10.25-Acre Winter Springs Property
Winter Springs, Seminole County, Florida
Thomson Project No. 18-650

Ms. Minossora:

Thomson Environmental Consulting, LLC (Thomson) completed a Listed Wildlife Species Survey of the ±10.25-Acre Winter Springs Property (the property) generally located in the southwest corner of the intersection of State Road 434 and Tuskawilla Road. The field portion of the survey was conducted on October 9, 2018. The purpose of the field visit was to evaluate the subject property for the occurrence and/or potential for occurrence of protected wildlife species (and their habitat). The following report (and referenced exhibits) describes relevant ecological conditions observed on the site during the field investigation and the results of documented literature regarding the presence of protected wildlife species and/or habit on the site and its relevant surroundings.

SITE DESCRIPTION AND LOCATION

The property is generally located in the southwest corner of the intersection of State Road 434 and Tuskawilla Road in Winter Springs, Seminole County, Florida. The property measures ±10.25 acres using the Seminole County Geographic Information System (GIS) coverages, but only ±9.9 acres according to the Seminole County Property Appraiser (SCPA). Per the SCPA, the property comprises 4 legal parcels identified as follows:

- SCPA PID 36-20-30-502-0000-0070 (±2.82 acres)
- SCPA PID 36-20-30-502-0000-0080 (±3.03 acres)
- SCPA PID 26-20-30-5AR-0A00-008F (±0.26 acre)
- SCPA PID 36-20-30-502-0000-0090 (±3.79 acres)

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ENVIRONMENTAL CONSULTING

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ORLANDO, FLORIDA 32803
407.374.3681 – tel
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Figure 1 is a location map showing the entirety of the property, including internal named streets.

Figure 2 is a true-color rectified aerial (circa 2017) of the property and its immediate surroundings.

Figure 3 is a topographic quadrangle map showing the topographic relief on the property and in the local region surrounding the site.

SOILS

Soils were identified using the Natural Resource Conservation Service's *Soil Survey of Seminole County, Florida*. The following soil units and descriptions were mapped by the soil survey on the property:

Myakka and EauGallie Fine Sands (Map Unit 20) – This soil represented approximately 2.66 acres of the property. The soils in this map unit are nearly level and poorly drained. These soils are on broad plains on the flatwoods. The slopes are dominantly less than 2 percent. During most years, the soils in this map unit have a seasonal high water table within 12 inches of the surface for 1 month to 4 months. The permeability of Myakka soil is rapid in the surface and subsurface layers and substratum and moderate or moderately rapid in the subsoil. The permeability of EauGallie soil is rapid in the surface and subsurface layers, moderate or moderately rapid in the sandy part of the subsoil, and moderately slow in the loamy part of the subsoil.

Paola-St. Lucie Sands, 0 to 5 percent slopes (Map Unit 24) – This soil represented approximately 6.33 acres of the property. The soils in this map unit are nearly level to gently sloping and excessively drained. These soils are on upland ridges. The slopes are 0 to 5 percent. The soils in this map unit have a seasonal high water table at a depth of 80 inches or more.

Tavares-Millhopper Fine Sands, 0 to 5 percent slopes (Map Unit 31) – This soil represented approximately 1.26 acres of the property. The soils in this map unit are nearly level to gently sloping and moderately well drained. These soils are on low ridges and knolls on the uplands. The slopes are nearly smooth to slightly convex. The soils in this map unit have a seasonal high water table at a depth of 36 to 60 inches for 2 to 6 months.

Figure 4 shows the property and soils as mapped by the Soil Survey.

Soils observed during the site visit seemed to generally match those as described in the Soil Survey. No indications of hydric soils were observed.

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VEGETATIVE COMMUNITIES AND LAND USES

Prior to the field visit, Geographic Information System (GIS) data from the St. Johns River Water Management District (SJRWMD) was reviewed to identify documented vegetative communities and land uses on the property. These site conditions are documented using the Florida Land Use, Cover and Forms Classification System (FLUCCS, Florida Department of Transportation, 1999). FLUCCS classifications for the land covers and uses (as adapted from SJRWMD coverages) on the property are as follows:

Commercial and Services - Abandoned (FLUCFCS code 0140) – This classification represented approximately 1.24 acres of the property. It is the eastern portion of the property that was formerly a Pinch a Penny pool supply store accessible from both Tuskawilla Road and SR 434.

Hardwood-Conifer Mixed (FLUCFCS code 434) – This classification represented approximately 9.01 acres and the majority of the property. This upland, undeveloped area was dominated by slash and sand pine, with a dense subcanopy of xeric oaks in the central portion of the property.

Figure 5 is a FLUCFCS map that depicts the land cover classification described above.

PROTECTED WILDLIFE SPECIES SURVEY

Protected wildlife species are defined as those listed as Threatened, Endangered, or Species of Special Concern by the U.S. Fish and Wildlife Service (USFWS) and/or the Florida Fish and Wildlife Conservation Commission (FWC). The survey consisted of both a search of documented literature and a field reconnaissance.

Documented Literature Search

Prior to the field investigation, documented literature resources were consulted regarding known occurrences of protected wildlife species on or in the vicinity of the project site. These included the FWC's Bald Eagle (*Haliaeetus leucocephalus*) Nest Locator (*https://public.myfwc.com/FWRI/EagleNests/nestlocator.aspx*) and Waterbird Colony Locator (*http://atoll.floridamarine.org/waterBirds/*) online locator sites. A query of both databases (from the center of the site extending outward a radius of one mile) revealed no documented occurrences of waterbird colonies within 1 mile of the property. The closest documented bald eagle nest (Nest ID SE087) was documented approximately 2,250 feet east of the property, which is well outside of any applicable buffer zones.

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407.405.8725 – cell

The NRCS Web Soil Survey (*https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx*) was used to identify soils suitable for the burrowing needs of gopher tortoises (*Gopherus polyphemus*, state-Threatened). The areas identified as Paola-St. Lucie Sands and Tavares-Millhopper Complex were rated as "Highly Suited" soils for gopher tortoises, while the area identified as Myakka and EauGallie Fine Sands are rated as "Less Suited".

The property was mapped within the USFWS Consultation Area for the following federally-listed species: Audubon's Crested Caracara (*Polyborus plancus audubonii*, Threatened), Red-Cockaded Woodpecker (*Picoides borealis*, Endangered), Florida Scrub-Jay (*Aphelocoma coerulescens*, Threatened), the Everglades Snail Kite (*Rostrhamus sociabilis plumbeus*, Endangered), and the Florida Wood Stork (*Mycteria americana*, Endangered).

Field Reconnaissance and Observations

A protected wildlife species survey and habitat assessment was conducted over the entire property on October 9, 2018. Protected wildlife species are defined as those listed as Threatened, Endangered, or Species of Special Concern by the U.S. Fish and Wildlife Service (USFWS) and/or the Florida Fish and Wildlife Conservation Commission (FWC).

No indication of bald eagle foraging was observed. No nests or juveniles were observed on the property.

A survey for gopher tortoises and/or occupied habitat was conducted over 100% of the suitable soils on the property by Mr. Joel Thomson of Thomson Environmental Consulting, LLC (an Authorized Agent for surveying by FWC). The results of the survey yielded no potentially-occupied gopher tortoise burrows, and no indication of gopher tortoise presence. Based on the quality of habitat, it is recommended that an additional survey of the property be performed within 90 days of intended construction, per the FWC's guidelines.

The presence of some scrub oaks on the property often represents potential habitat for the Florida Scrub-Jay. The habitat was determined to be too overgrown to represent viable habitat, likely the result of fire exclusion and other factors related to the surrounding development. No indications of Florida Scrub-Jays was observed during the survey.

No other protected wildlife species concerns were observed during the course of the field survey. The numerous species with Consultation Areas covering the property have unique, individualized habitat needs that are not offered on the property due to developed nature of much of the property and the lack of natural habitat.

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LIMITATIONS OF THIS REPORT

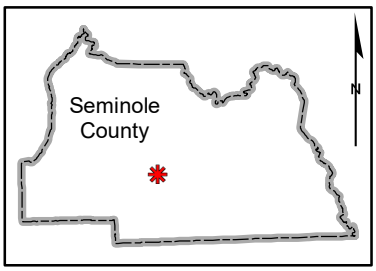
It is important to note that the conclusions of this report are necessarily based on the conditions observed on the day of the field investigation, as well as our scientific judgment of the site's potential to support protected species (based on each species' optimal habitat requirements). Due to this "snapshot" view of the site, the results presented in this report may not accurately reflect changing site conditions and/or wildlife species' temporal and spatial movements.

Thomson appreciates the opportunity to provide these services to you. If there are questions regarding this report, or a need for further information, please contact the undersigned at your convenience.

Respectfully,
Thomson Environmental Consulting, LLC

Joel A. Thomson
President





General Location

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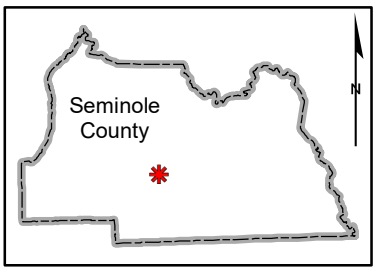
1" = 1,000'

thomson
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WWW.THOMSONENV.COM

Figure 1
Location Map
Winter Springs Property
Winter Springs, Seminole County, Florida
Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

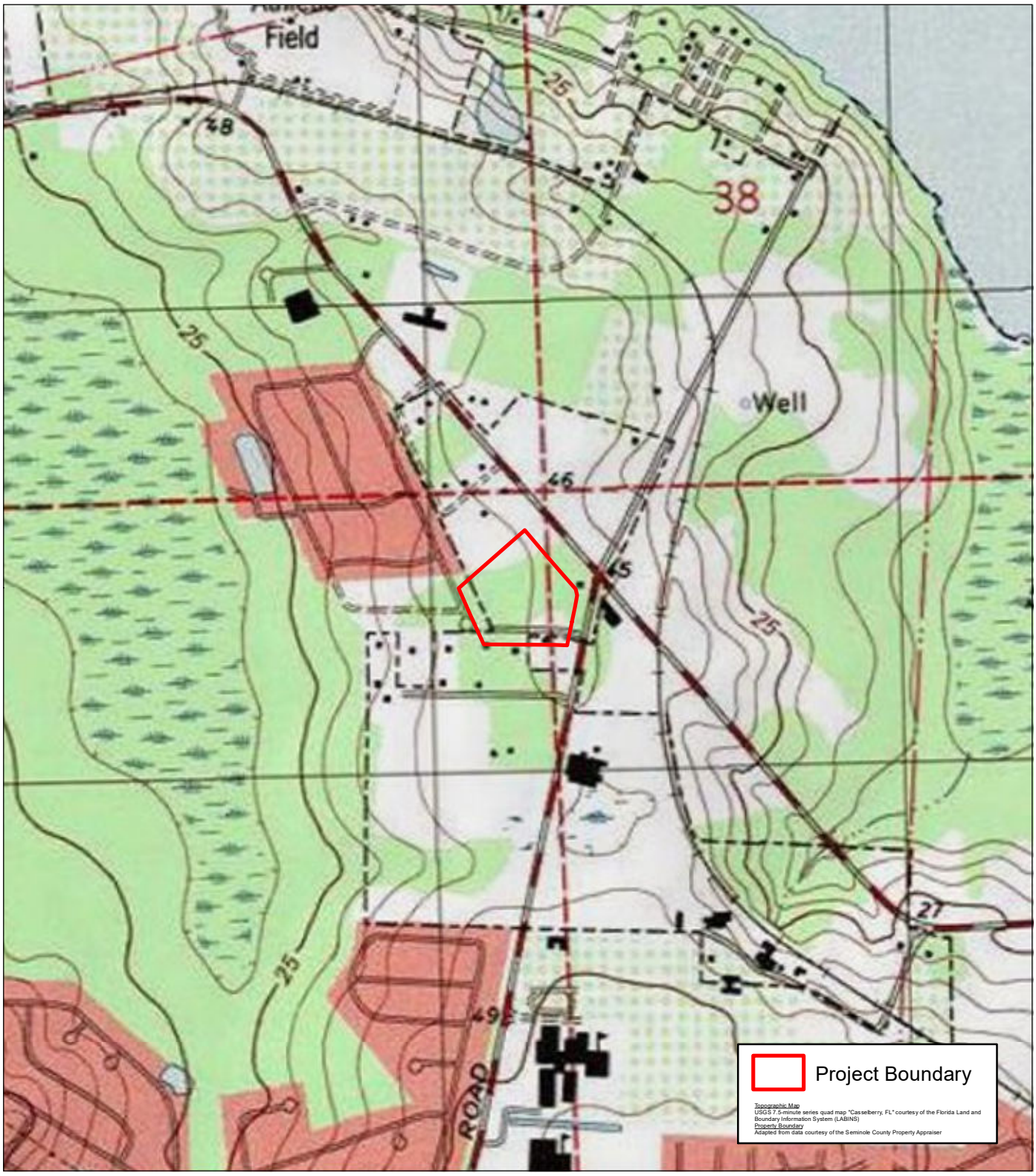
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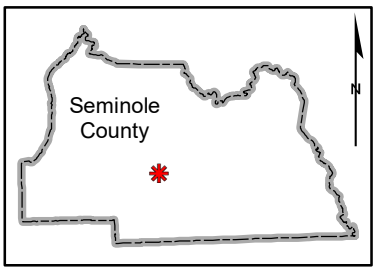
1" = 150'

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Figure 2
Aerial Photograph
Winter Springs Property
Winter Springs, Seminole County, Florida
Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

0 500 1,000

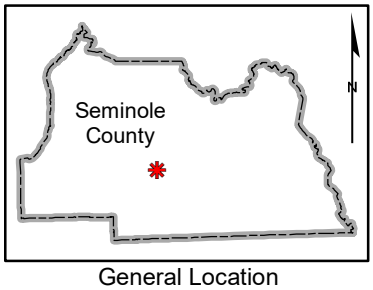
1" = 1,000'

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Figure 3
Topographic Map
Winter Springs Property
Winter Springs, Seminole County, Florida
Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

0 75 150

1" = 150'

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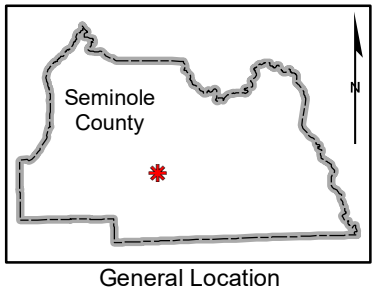
Figure 4
Soils Map

Winter Springs Property
Winter Springs, Seminole County, Florida

Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





General Location

0 75 150

1" = 150'

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Figure 5
FLUCCS Map
Winter Springs Property
Winter Springs, Seminole County, Florida
Section 1, Township 21 S, Range 30 E and
Section 6, Township 21 S, Range 31 E

Thomson Project No. 18-650
October 2018





ECS Florida, LLC

Preliminary Geotechnical Engineering Report

Tuskawilla Retail Development

170 Tuskawilla Road
Winter Springs, Seminole County, Florida

ECS Project Number 24:6366

November 15, 2018
Revised December 15, 2020

November 15, 2018
Revised December 15, 2020

Equinox Development Properties, Inc.
630 South Maitland Avenue, Suite 100
Maitland, Florida 32751

Attention: Ms. Kirsten Davis

ECS Project No. 24:6366

Reference: Preliminary Geotechnical Engineering Report
Tuskawilla Retail Development
170 Tuskawilla Road
Winter Springs, Seminole County, Florida

Dear Ms. Davis:

ECS Florida, LLC (ECS) has completed the subsurface exploration, laboratory testing, and geotechnical engineering analyses for the above-referenced project. Our services were performed in general accordance with our Proposal No. 24:12884-GP dated August 17, 2018. This report presents our understanding of the geotechnical aspects of the project, the results of the field exploration and laboratory testing conducted, and the design and construction aspects. **This report has been revised at the request of your group based on the revised scope of the project.**

It has been our pleasure to be of service to Equinox Development Properties, Inc. during the design phase of this project. We would appreciate the opportunity to remain involved during the continuation of the design phase, and we would like to provide our services during construction phase operations as well to verify the assumptions of subsurface conditions made for this report. Should you have any questions concerning the information contained in this report, or if we can be of further assistance to you, please contact us.

Respectfully submitted,

ECS Florida, LLC

Mark Wright EIT
Geotechnical Project Manager
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Branch Manager
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JOHN P. HICKS LICENSE No. 83517 STATE OF FLORIDA PROFESSIONAL ENGINEER

MW/JPH/das

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APPENDICES

Appendix A – Diagrams

- Site Location Diagram
- Boring Location Diagram

Appendix B – Field Operations

- Reference Notes for Boring Logs
- Boring Logs (B-1 through B-19)
- Cross Section A-A'
- Cross Section B-B'
- Cross Section C-C'

Appendix C – Laboratory Testing

- Laboratory Testing Results Summary

EXECUTIVE SUMMARY

The following paragraphs provide a brief discussion of our findings and recommendations. Please refer to the complete report for more detailed discussion.

ECS Florida, LLC (ECS) has completed the subsurface exploration for the proposed Tuskawilla Retail Development (approximately 9.95 acres in size) located at 170 Tuskawilla Road in Winter Springs, Seminole County, Florida. The project information summarized below is based exclusively on the information made available to us by your group at the time of this report. Our findings, conclusions and recommendations are summarized below.

PROJECT INFORMATION:

- Site Location : 170 Tuskawilla Road in Winter Springs, Seminole County, Florida
- Building Scope: Four (4) one-story retail structures & two (2) out parcel buildings
- Building Type: Concrete Masonry Unit (CMU) and steel framed structures.
- Assumed Loads: Max. Column loads = 80 kips, Max. wall loads = 5 klf
- Earthwork: Estimated fills of up to 3 feet and cuts up to 10 feet (pond area)
- SWM Facility: Two (2) dry ponds, one (1) wet pond and five (5) exfiltration systems

SUBSURFACE CONDITIONS:

- Field Exploration: 19 SPT borings drilled within the subject property limits to the depths ranging between 10 feet and 20 feet below the existing ground surface.
- Site Conditions: Heavily wooded except in the north eastern corner of the property, where there is an existing structure with associated parking area.
- Probable Fill: Not encountered
- Natural Soils: SAND (SP), and SAND WITH SILT (SP-SM)
- Refusal Materials: Not encountered within the depths of borings
- Groundwater: Encountered between 3.5 feet and 5.5 feet below the ground surface at the boring locations, seasonal high water table is anticipated to be between 2.5 feet and 5 feet below the existing grades.

GEOTECHNICAL & CONSTRUCTABILITY CONSIDERATIONS

- **Wet fill soils:** We anticipate soils excavated from the proposed pond area will be used for structural fill across the site for grading purposes. Due to a higher groundwater table, soils anticipated to be used as structural fill are expected to be wet. Wet soils will require a drying period prior to being compacted for structural fill. Due to the granular nature of the material encountered; however, we anticipate that the soils should dry relatively quickly if spread during hot/dry conditions.

- **High groundwater table:** High groundwater was observed across the site and will need to be considered with respect to the dewatering of utility excavations.

- **Existing Structure:** An existing structure was noted within the eastern portion of the site. The existing structure and its associated subsurface foundations and utilities should be removed prior to the placement of structural fill or foundations for the proposed building areas.

PRELIMINARY DESIGN & CONSTRUCTION RECOMMENDATIONS:

- Shallow foundations:

Max. Net Allow. Bearing Pressure	= 3,000 psf
Min. Exterior (Unheated) Embedment	= 18 inches
Min. Interior (Heated) Embedment	= Minimum 24 inches
Slab Subgrade Modulus:	= 100 pci

Based on the information provided to us, it should be noted that the recommendations made in our report are preliminary in nature. Therefore, a final geotechnical exploration report meeting regulatory standards may be necessary in future for final design recommendations. The recommendations made in our report are based on the loading assumptions noted above. A final site development plan has not been provided to us. Once the final site plan is developed along with the proposed grading information, we recommend that our office be contacted to review these items and propose a final geotechnical scope of exploration. Final recommendations regarding the bearing capacity, settlements, and foundation design must be made after completion of a final geotechnical exploration program.

This summary should not be considered apart from the entire text of the report with all the qualifications and considerations mentioned herein. Details of our conclusions and recommendations are discussed in the report text.

1.0 INTRODUCTION

1.1 GENERAL

The purpose of this study was to provide geotechnical information for the design of structure foundations and construction consideration and recommendations for the proposed Tuskawilla Retail Development. This report includes preliminary recommendations regarding the new buildings, pavements, stormwater management area, and associated utilities. This report contains the results of our subsurface explorations and laboratory testing programs, site characterization, engineering analyses, and recommendations for the design and construction of the proposed development. The recommendations developed for this report are based on project information supplied by Equinox Development Properties, Inc.

1.2 SCOPE OF SERVICES

In order to explore the subsurface soil conditions and to determine the depth and character of soils on this site, a total of nineteen (19) soil test borings were performed within the proposed area of the development. A Conceptual Sketch dated August 8, 2018 of the proposed development prepared by Kimley-Horn and Associates, Inc. was provided prior to the field exploration and a revised Conceptual Sketch dated October 30, 2018 was provided **after** the field exploration had been completed. **Additionally, this report has been revised based on an updated Overall Site Plan dated November 3, 2020 prepared by Marcus Gieger with Kimley-Horn**. The Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc. was also provided at the time of writing this report.

Conclusions and recommendations contained in this report are based upon these soil borings, a site reconnaissance, laboratory test results of boring samples, and provided plans. This preliminary report discusses our exploratory and testing procedures, presents our findings and evaluations and includes the following:

- A brief review and description of our field and laboratory test procedures and the results of testing conducted.
- A review of surface topographical features and site conditions.
- A review of area and site geologic conditions.
- A review of subsurface soil stratigraphy with pertinent available physical properties.
- Copies of our soil test boring logs.
- Preliminary recommendations for site preparation and construction of compacted fills, including an evaluation of on-site soils for use as compacted fills and delineation of potentially unsuitable soils and/or soils exhibiting excessive moisture at the time of sampling.
- Evaluation and recommendations relative to groundwater control.
- Preliminary foundation recommendations for the proposed retail buildings.
- Preliminary recommendations for pavement design.
- Stormwater management design parameters for the ten (10) proposed stormwater management facilities anticipated within the property.

The recommendations contained herein were developed from the data obtained in the soil test borings, which indicate subsurface conditions at these specific locations at the time of exploration. Soil conditions may vary between the borings. If during the course of construction variations appear evident; the Geotechnical Engineer should be informed so that the conditions can be addressed.

1.3 AUTHORIZATION

Our services were provided in accordance with our Proposal No. 24:12884-GP dated August 17, 2018 and as authorized by you on September 22, 2018, and includes the Terms and Conditions of Service outlined with our Proposal/Contract between ECS Florida, LLC and Equinox Development Properties, Inc.

2.0 PROJECT INFORMATION

2.1 PROJECT LOCATION

The subject site is located to the southwest of the intersection between Tuskawilla Road and State Road 434, more specifically at 170 Tuskawilla Road in Winter Springs, Seminole County, Florida. The subject property (approximately 9.95 acres in size) is pentagonal in shape, generally bounded to the north by State Road 434, to the east by Tuskawilla Road, to the south by a vacant property and to the west by a residential community. A Conceptual Sketch is included below and within Appendix A of this report.



Figure 2.1.1 – Approximate Site Location

2.2 PAST SITE HISTORY/USES

A review of available aerial imagery dated back to 1980 and our knowledge of the site, we understand that the site is primarily heavily wooded with a retail building located within the north eastern corner of the proposed area of development which appears to have been built in either the 1980s or 1990s.

2.3 CURRENT SITE CONDITIONS

Based on our site reconnaissance and review of the topographic data, provided by you from Shannon Surveying Inc., dated October 15, 2018, the site is sloping from the south downward to primarily the northwestern portion of the proposed development with existing ground surface elevations varying approximately between EL. +46 feet-datum and EL. +42.5 feet-datum. A boring location survey was not performed as a part of our scope.

2.4 PROPOSED CONSTRUCTION

Our understanding of the proposed construction is based on information provided by Equinox Development Properties, Inc and the Overall Site Plan dated November 3, 2020 prepared by Marcus Gieger with Kimley-Horn. Based on our understanding of the project, the proposed

construction would likely consist of multiple structures including, four (4) one-story retail buildings (approximately between 4,280 and 19,209 square feet, respectively) two (2) out parcel building (approximately 2,325 and 3,056 square feet). Site features are to include a stormwater , one (1) wet pond, two (2) dry retention pond areas within the southern portion of the site, and the associated paved parking areas with five (5) underground exfiltration systems within the northern portion of the property, driveway lanes, and utilities.

We would anticipate based on current site grading as well surrounding grading for adjacent commercial properties that the proposed structures may be supported on conventional shallow foundations bearing at an assumed elevation of EL. +42 feet-datum on natural soils. We assumed that finished floor elevation of the proposed structures would be approximately at EL. +44 feet-datum. Based on the existing and proposed grades, we expect maximum fills for the structures to be on the order of 3 feet given the current conceptual drawings for the development. We understand structural loads for the retail structures will be up to approximately 80 kips for column loading, and we have assumed continuous wall loading up to about 5 kips per linear foot.

3.0 FIELD EXPLORATION

3.1 FIELD EXPLORATION PROGRAM

The field exploration was planned with the objective of providing an assessment of the site, characterizing the project site in general geotechnical and geological terms and to evaluate subsequent field and laboratory data to assist in the determination of geotechnical recommendations.

3.1.1 Test Borings

Prior to performing the subsurface exploration, underground utilities were located through the Sunshine State One-Call system. The soil test borings were located in the field by an ECS representative utilizing a hand held GPS unit as reference. The Boring Location Diagram in the Appendix A indicates the approximate location of the borings. The soil test borings were completed with the following drilling and sampling equipment:

- ATV drill rig
- Mud Rotary drilling utilizing 3 ¼ inch hollow-stem augers
- Manual hammer
- Conventional split-spoon soil sampler

Representative soil samples were obtained by means of the split-barrel sampling procedure in accordance with ASTM Specification D 1586. In this procedure, a two-inch O.D., split-spoon sampler is driven into the soil a distance of 18 inches by a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler through the final 12-inch interval, after initial setting of 6 inches, is termed the Standard Penetration Test (SPT) N-value and is indicated for each sample on the boring logs (attached in Appendix B). The SPT values can be used as a qualitative indication of the in-place relative density of cohesionless soils, and as a relative indication of consistency in cohesive soils. This indication is qualitative, since many factors can significantly affect the standard penetration resistance value and prevent a direct correlation between drill crews, drill rigs, drilling procedures, and hammer-rod-sampler assemblies.

A field log of the soil encountered at each boring was maintained by the drilling crew. After recovery, each geotechnical sample was removed from the sampler and visually classified by the driller. Representative portions of each sample were then sealed in containers and transported to our laboratory in Orlando, Florida for further visual examination and laboratory testing. After completion of the drilling operations, the boreholes were backfilled with auger cuttings.

Please note that ground surface elevations noted on our boring logs were interpolated from the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc.; however, we recommend that the boring locations are surveyed for elevations to extend the usefulness of the subsurface information obtained.

3.2 REGIONAL/SITE GEOLOGY

Based on the Geologic Map of Florida, Central Florida geologic conditions can generally be described in terms of three basic sedimentary layers. The near-surface layer is primarily composed of sands containing varying amounts of silt and clay fines that are underlain by a layer of clay, clayey sand, locally referred to as the "Hawthorn Group" which is underlain by phosphate, and limestone. The thickness of these strata varies throughout Central Florida. In general, the surficial sands typically extend to depths of 40 feet to 70 feet below the ground surface, while the "Hawthorn Group" ranges from nearly absent in some locations to thicknesses greater than 100 feet. The limestone formation may be several thousand feet thick.

The groundwater hydrogeology of Central Florida can be described in terms of the nature and relationship of the three basic geologic strata. The near surface and upper stratum are fairly permeable and comprise the water table (unconfined) aquifer. The deep limestone formation of the Floridian aquifer is highly permeable due to the presence of large interconnected channels and cavities throughout the rock. The Floridian aquifer is the primary source of drinking water in Central Florida. These two permeable strata are separated by the relatively low permeability clays in the "Hawthorn Group." The amount of groundwater flow between the two aquifer systems is dependent on the thickness and consistency of the "Hawthorn Group" clay confining beds which, as previously stated, varies widely throughout Central Florida. The following Figure 3.2.1 shows the regional geologic map.

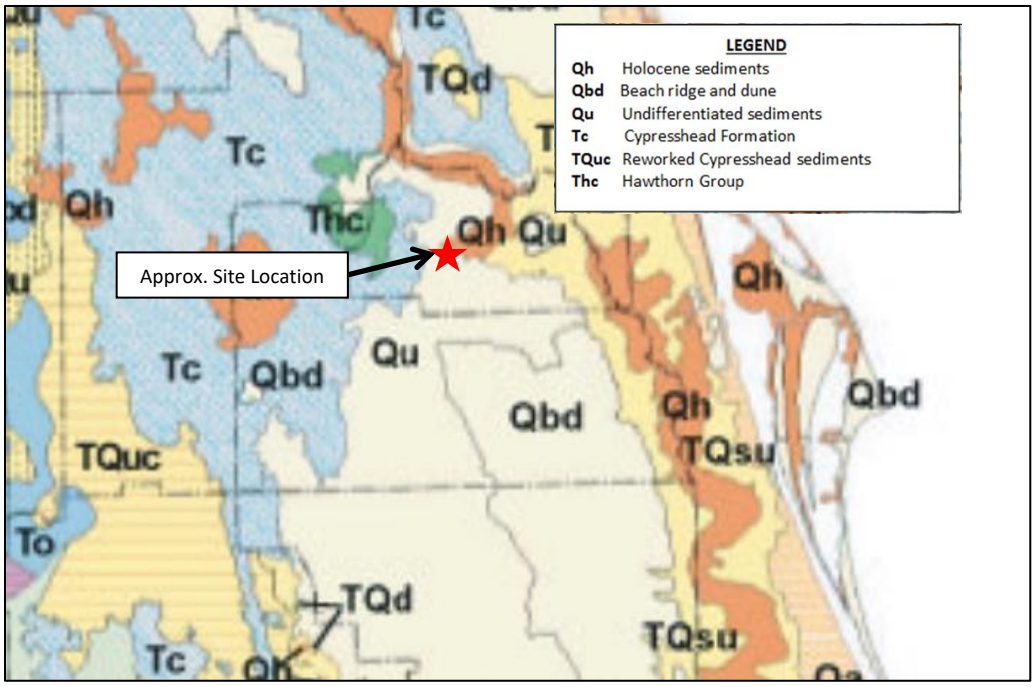


Figure 3.2.1 Regional Geologic Map (Geologic Map of Florida, 2001)

3.3 KARST GEOLOGY

Areas within Central Florida are known to have karst geology. Karst terrain is characterized by voids, soil domes, soil raveling, interrupted drainage, disappearing streams, and topographical

features such as sinkholes and closed depressions. These features are the result of the dissolution of soluble bedrock such as limestone by groundwater and/or the infiltration of surface water.

As water enters fractures, bedding planes, and other bedrock discontinuities within soluble bedrock, it slowly dissolves the rock and enlarges the discontinuities. Over geologic time, this results in the formation of solution channels or underground passages and ravines which may develop into surficial manifestations such as sinkholes and closed depressions. The dissolution of bedrock is generally a very slow process. However, soil may be eroded or raveled into the enlarged bedrock fractures, creating soil domes. Eventually, soil in these features can be lost through groundwater movement, resulting in surface depressions and potential sudden ground subsidence.

The soils derived from and overlying the carbonate bedrock are typically a clayey and silty soil with varying amounts of sand and rock fragments. The bedrock within the general geographic region is characterized by jointed and faulted soluble carbonate lithologies interbedded with non-carbonate lithologies. These carbonate formations are generally moderately to highly solution prone.

The degree of weathering or solutioning is often controlled by lithological variations and structural orientations. Where structural discontinuities intersect or in areas which are highly fractured, solutioning is intensified creating low areas and seams that are typically filled with residual clayey soils. Conversely, more competent, high areas represent slightly- to non-fractured lithologies that are often coarser grained and only slightly solution prone.

The underlying carbonate formations of the project geographic area are susceptible to Karst-related sinkhole development. Contributing characteristics and factors controlling the development include subsurface structural deformation, joint sets, and thick carbonate bedding within the area. Due to the shallow nature of the exploration performed, the borings did not reveal overt signs of soils associated with karst activity or carbonate rocks.

3.4 SOIL SURVEY MAPPING

Based on the Soil Survey for Seminole County, Florida by the US Department of Agriculture (USDA) Soil Conservation Service the predominant predevelopment soil type(s) at the site is identified and a summary of characteristics of this soil series is included below in Table 3.4.1.

Table 3.4.1 Soil Survey

Soil Type	Constituents	Drainage Class	Water Table Depth
20—Myakka and EauGallie	Fine sand	Poorly drained	0.5 to 1.5 feet
24—Paola-St. Lucie sands, 0 to 5 percent slopes	Sand	Excessively drained	-
31—Tavares-Millhopper complex, 0 to 5 percent slopes	Fine sand and sandy loam	Moderately well drained	3.5 to 6 feet

Soil mapping of the site vicinity showing soil numbers (20, 24, and 31) are presented in Figure 3.4.1 below.



Figure 3.4.1 Site Soil Survey

3.5 SUBSURFACE CHARACTERIZATION

The site subsurface conditions were evaluated with 19 SPT borings advanced to the depths ranging between 10 feet and 20 feet below the existing ground surface at the approximate locations shown on the Boring Location Diagram in Appendix A.

The quantity of borings, boring locations, and drilling depths were developed by ECS prior to performing subsurface exploration based on the type and location of the proposed development from the Kimley-Horn Conceptual Sketch dated August 8, 2018.

The subsurface exploration at each boring location indicated generally SAND (SP) and SAND WITH SIL (SP-SM) from existing grade to the maximum termination of the borings (20 feet below existing grade). The soil auger was able to reach the termination depth at each of the borings. SPT N-values ranged from 5 to 19 blows per foot (bpf). The loose soils encountered were primarily observed within the upper 10 feet of the subsurface profiles

The subsurface conditions at each boring are summarized in Table 3.5.1. The subsurface conditions presented in Table 3.5.1 and shown on the Boring Logs should be considered approximate, based on interpretation of the exploration data using normally accepted geotechnical engineering judgments. It should be noted that transitions between different soil strata are typically less distinct than what is shown on the exploration records. Subsurface conditions between the actual boring locations will vary.

Table 3.5.1 Subsurface Stratigraphy

Approximate Depth Range (ft)	Approximate Elev. Range (ft) (1)	Stratum	Description	Ranges of SPT(2) N-values (bpf)
0 – 20(3)	+45.5 to +22.5	I	SAND (SP), SAND WITH SILT (SP-SM)	5 to 19

Notes: (1) Please note elevations at the boring locations were estimated based upon the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc. and should be considered approximate.
(2) Standard Penetration Test.
(3) Maximum Termination Depth.

3.6 GROUNDWATER OBSERVATIONS

Groundwater levels were measured in our borings as noted on the soil boring logs in Appendix B. The groundwater table was measured approximately between 3.5 feet and 5.5 feet below the existing grades at the boring locations within the drilling depths at the time of our exploration. No further groundwater measurements were made subsequent to drilling operations.

Variations in the long-term water table may occur as a result of changes in precipitation, evaporation, surface water runoff, construction activities, and other factors. The groundwater will fluctuate seasonally depending upon local rainfall. The rainy season in Central Florida is normally between June and September. Based upon our site specific field data, our review of the USDA Soils Survey of Seminole County, the topography of the area, the expected regional hydrogeology and our experience in the area, we estimate the seasonal high groundwater levels likely to be encountered approximately between 2.5 feet and 5 feet below existing grades at the boring locations. Please refer to the individual boring logs presented in Appendix B for boring specific groundwater levels.

Variations in the location of the long-term groundwater level may occur as a result of changes in precipitation, evaporation, surface water runoff, and other factors not apparent at the time of this exploration. The summary of groundwater conditions within the boring locations are provided below in Table 3.6.1.

Table 3.6.1 Summary of Groundwater Conditions

Boring ID	Approximate Ground Surface Elevation (ft-datum) *	Encountered Ground Water Table Depth (ft)	Encountered Groundwater Table Elevation (ft-datum)	Estimated Seasonal High Ground Water Table Depth (ft)	Estimated Seasonal High Ground Water Elevation (ft-datum)
B-1	44	4.5	39.5	3.5	40.5
B-2	44	5	39	4	40
B-3	43.5	3.5	40	2.5	41
B-4	44.5	4.5	40	3.5	41
B-5	45	5.5	39.5	4.5	40.5
B-6	45.5	5	40.5	4	41.5
B-7	42.5	4	38.5	3	39.5
B-8	43	4.5	38.5	3.5	39.5
B-9	45	5.5	39.5	5	40
B-10	45.5	5.5	40	5	40.5
B-11	45	5.5	39.5	4.5	40.5
B-12	44	5.5	38.5	4.5	39.5
B-13	44.5	4	40.5	3	41.5
B-14	45	5	40	4	41
B-15	45	5	40	4	41
B-16	45	5	40	4	41
B-17	43.5	4.5	39	3.5	39.5
B-18	44.5	4.5	40	4	40.5
B-19	45	4	41	3.5	41.5

Note: * Elevations at the boring locations were estimated using the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc.

4.0 LABORATORY TESTING PROGRAM

The laboratory testing performed by ECS for this project consisted of selected tests performed on samples obtained during our field exploration operations. The following paragraphs briefly discuss the results of the completed laboratory testing program.

4.1 VISUAL CLASSIFICATION

Each soil sample from the test borings was visually classified on the basis of texture and plasticity in accordance with the Unified Soil Classification System (USCS) and ASTM D 2488 (Description and Identification of Soils-Visual/Manual Procedures). After classification, the various soil types were grouped into the major zones noted on the boring logs in Appendix B. The group symbols for each soil type are indicated in parentheses following the soil descriptions on the boring logs. The stratification lines designating the interfaces between earth materials on the boring logs are approximate; in situ, the transitions may be gradual.

The soil samples from our current exploration will be retained in our laboratory for a period of two months after the subsurface exploration program is completed, after which they will be discarded unless other instructions are received as to their disposition.

4.2 INDEX TESTING

The index testing performed by ECS for this project consisted of selected tests performed on samples obtained during our field exploration operations. Index property tests were performed on representative soil samples obtained from the test borings in order to aid in classifying soils according to the Unified Soil Classification System (USCS) and to quantify and correlate engineering properties. The index testing program included natural moisture content tests (ASTM D 2216) and percent passing the No. 200 sieve (ASTM D 6913). The results of the index testing results conducted are included in Appendix C of this report.

5.0 PRELIMINARY DESIGN RECOMMENDATIONS

The following sections provide preliminary recommendations for foundation design, pavements and the stormwater management facilities. Loose soils and shallow groundwater condition are likely to be encountered near-surface. The existing building, associated asphalt pavement and utilities within the eastern portion of the property will need to be removed prior to proposed development. Based on our subsurface exploration, the proposed site is feasible given the preliminary recommendations provided within this report. Details associated with the preliminary geotechnical recommendations are provided below.

5.1 BUILDING DESIGN

Based upon information provided at the time this report was prepared, the site is feasible for the proposed development from a geotechnical perspective**.** It is our professional opinion that subsurface conditions are not likely to significantly impact the construction of the proposed development. However, a temporary dewatering program during the installation of the foundations may be necessary based upon the final grades especially during the rainy season given the shallow estimated seasonal high groundwater level.

As previously noted, the site appears to consist of an existing structure within the eastern portion of the property. Uncontrolled fill soils which could contain construction debris and organics from in-place or placed topsoil grubbing operations, while not encountered during this exploration, may be present within the depths of excavation. Special attention should be taken to observe such conditions, if encountered during the foundation excavations. If uncontrolled fill soils are observed, we recommend test pits be performed within the vicinity of the foundation during a final geotechnical exploration in order to access the potential extents and depths of these materials.

All asphalt pavement, structural and site components (foundation, slabs, and utilities) of the existing facility located within the proposed building pad or canopy areas should be removed prior to construction; however, the existing limerock may remain in place if determined to be suitable based upon the design criteria, laboratory testing and satisfactory proofroll testing as determined by the Geotechnical Engineer of Record.

5.2 FOUNDATIONS

We anticipate that the proposed structures for this site can be supported on a shallow foundations after adequate site preparation procedures. Upon successful completion of the recommended site preparation procedure, the anticipated structures would be able to be supported on shallow foundations sized to exert a maximum allowable soil bearing pressure of 3,000 pounds per square foot (psf).

The estimate of maximum allowable bearing pressure is based on assumed column and wall foundation loads of 80 kips and 5 kips per linear foot, respectively bearing at an elevation of approximately EL. +42 feet-datum on natural or controlled, compacted fill soils. If loads are higher than assumed, ECS should be contacted to review the foundation recommendations. Based on the Conceptual Sketch dated October 30, 2018 prepared by Kimley-Horn and existing site grades, we assumed the final finished floor elevation of the proposed structure to be approximately at EL. +44 feet-datum. The estimate of allowable bearing pressure may be refined based on more

precise estimates of loads (provided by the structural engineer) and proposed site grades. The foundations should be designed based on the maximum load which could be imposed by all loading conditions.

All shallow foundations should be embedded at least 18 inches below lowest adjacent grade. Further, we recommend minimum foundation widths of 18 and 24 inches of strip and square footings, respectively, even though the maximum allowable soil bearing pressure may not be developed in all cases.

Post-construction settlements of the structure will be influenced by several interrelated factors, including: (1) strength and compressibility characteristics of the subsurface; (2) footing size, bearing level, applied loads, and resulting bearing pressures beneath the foundations; and (3) site preparation and earthwork construction techniques used by the contractor. Our settlement estimates for the structure are based on the use of the earthwork construction techniques as recommended in Section 6.2 of this report. Any deviation from these recommendations could result in an increase in the estimated post-construction settlements of the structure.

Assuming the site preparation procedure as outlined is followed; we estimate that total post construction settlements of the structure are likely to be 1 inch or less. If the recommended earthwork construction techniques outlined in this report are followed, differential settlements of 0.75 inch or less should be anticipated. The above settlement estimates are based on the assumed maximum structural loads, recommended maximum allowable bearing pressure, and the field data.

5.3 STORMWATER MANAGEMENT SYSTEM DESIGN PARAMETERS

It is our understanding that the proposed development is likely to include a proposed three (3) stormwater dry retention pond areas within the southern portion of the proposed development and seven (7) exfiltration systems within the northern portion of the site. Based on the laboratory test results obtained from the borings performed around the underground exfiltration systems areas (B-2 through B-6, B-8, B-9, B-11, B-12, B-14 and B-16), two (2) dry pond areas (B-1, B-7, and B-13) and wet pond area (B-18 and B-19), the upper stratum is classified predominantly as Fine SAND (SP) and Fine SAND with SILT (SP-SM) to the maximum termination of depth of borings (20 feet below existing grades).

The groundwater table was encountered between approximately 4 feet to 5.5 feet below the existing grades at the boring locations within the drilling depths at the time of our exploration, and therefore the seasonal high groundwater level is estimated to between approximately between 3 feet to 5 feet below existing grades.

Table 5.3.1 outlines the recommended design parameters for the proposed stormwater dry pond area within the southern portion of the property.

Table 5.3.1 Dry Stormwater System Design Subsurface Input Design Parameters

Stormwater System ID	Boring ID	Average Seasonal High Ground Water Table Elevation (ft-datum)*	Average Base of Aquifer Elevation (ft-datum) *	Fillable Porosity	Average Horizontal Saturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kh (ft/day)	Average Vertical Unsaturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kv (ft/day)
SMA-A.1	B-1 & B-7	40.0	34.0	0.25	51**	17**
SMA-A.2	B-13	41.5	35.0	0.25		
SMA-C	B-8, B-11, B-14, B-16	40.5	32.6	0.25	51**	17**
SMA-D	B-9 & B-12	39.8	29.5	0.25	51**	17**
SMA-E	B-6 & B-9	40.8	29.2	0.25	51**	17**
SMA-F	B-3	41	22.5	0.25	51**	17**
SMA-G	B-2, B-3, B-5, B-6 & B-8	40.5	27.9	0.25	55	37
					51**	17**

Notes: : * Elevations at the boring locations were estimated using the available Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc., and therefore these elevations should be considered approximate to the closest half foot.

** Average Horizontal Saturated Hydraulic Conductivity of Mobilized Surficial Aquifer (K_h) and Average Vertical Unsaturated Hydraulic Conductivity of Mobilized Surficial Aquifer (K_v) factored values selected by Kimley Horn for recovery analysis..

Table 5.5.1 Stormwater System Design Parameters

Stormwater System ID	Boring ID	Average Seasonal High Ground Water Table Elevation (ft-datum)*	Average Wet Season Groundwater Table Elevation (ft-datum) *	Average Normal Seasonal Low Ground Water Table Elevation (ft-datum) *	Average Horizontal Saturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kh (ft/day)	Average Vertical Unsaturated Hydraulic Conductivity of Mobilized Surficial Aquifer, Kv (ft/day)
SMA-B	B-18 & B-19	41.0	40.5	39.5	51	34

Notes: : * Elevations at the boring locations were estimated using the available Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc., and therefore these elevations should be considered approximate to the closest half foot.

Please note that the hydraulic conductivity values presented in table above do not incorporate any factors of safety, except as otherwise noted. Appropriate factors of safety will have to be applied during design and drawdown analysis. Moreover, please note that parameters presented in the table above are based on assumptions made to ground surface elevations noted on our boring logs are approximately based on the Boundary and Topographic Survey dated October 15, 2018 prepared by Shannon Surveying, Inc. our surface elevations with one-foot contour intervals; therefore, should be considered approximate to the closest half foot. We recommend that boring location survey be performed by a professional surveyor to extend the usefulness of the subsurface information obtained.

ECS can perform a baseflow/groundwater seepage analysis once the stormwater pond configurations have been established. The stormwater pond bottom and side slopes should be stabilized according to applicable Water Management district and local municipality guidelines.

5.4 PAVEMENT DESIGN CONSIDERATIONS

As discussed in the aforementioned Design Considerations Section 5.0, the subsurface conditions are suitable for the proposed pavement design.

General Recommendations: Our scope of services did not include extensive sampling and Limerock Bearing Ratio (LBR) testing of existing subgrade or potential sources of imported fill for the specific purpose of a detailed pavement analysis. Instead, we have assumed pavement-related design parameters that are considered to be typical for the area soil types and roadway type as per the "FDOT Standards & Specifications". The recommended pavement thicknesses presented in this report section are considered typical and minimum for the assumed parameters in the general site area. We understand that budgetary considerations sometimes warrant thinner pavement sections than those presented. However, the client, the owner, and the project designers should be aware that thinner pavement sections may result in increased maintenance costs and lower than anticipated pavement life. We recommend the following pavement section designs included in Table 5.6.1 below.

Table 5.4.1 Pavement Sections

	Asphalt		Concrete	
Component	**Standard**	**Heavy**	**Standard**	**Heavy**
Stabilized Subgrade	12"	12"	12"	12"
Base Course	6"	8"	N/A	N/A
Surface Course	1.5"	2"	5"	6"

All pavement subgrades should be prepared in accordance with the recommendations presented in the section entitled Earthwork Operations.

In areas where Portland cement concrete pavement is planned, the concrete should be placed upon a minimum of 12 inches of compacted, free draining material and compacted to 98 percent of the Modified Proctor maximum dry density (ASTM D1557).

In areas where asphaltic concrete pavements are used, we suggest stabilizing the subgrade materials to a minimum Florida Bearing Value (FBV) of 75 pounds per square inch (psi). As an alternate for the FBV, materials can have a LBR of 40 percent. All stabilized subgrade materials should be compacted to 98 percent of the Modified Proctor (ASTM D-1557) maximum dry density and meet specification requirements for Type B or Type C Stabilized Subgrade by the Florida Department of Transportation (FDOT). The stabilized subgrade may consist of imported material or a blend of on-site soils and imported materials. If a blend is proposed, we recommend that the contractor performs a mix design to find the optimum mix proportions.

Base Course: Based on the groundwater conditions encountered at the subject property, it is our professional opinion that crushed concrete or limerock are likely to be the economical and feasible base course options for this project.

Limerock should follow a minimum LBR of 100 percent and should be mined from an FDOT approved source. Place limerock in maximum six-inch lifts and compact each lift to a minimum density of 95 percent of the Modified Proctor maximum dry density (ASTM D-1557).

Crushed concrete should follow the FDOT specification for material qualifications and placement. Place crushed concrete base in maximum 6-inch lifts and compact to a minimum density of 95 percent of the Modified Proctor (ASTM D-1557) maximum dry density according to their specification. Perform compliance testing for the base course to a depth of one foot at a frequency of one test per 5,000 square feet, or at a minimum of two test locations, whichever is greater.

Effects of Groundwater: One of the most critical influences on the pavement performance in Central Florida is the relationship between the pavement subgrade and the seasonal high groundwater level. Roadways and parking areas that have not considered these effects typically exhibit signs of deterioration due to degradation of the base and the base/surface course bond. Regardless of the type of base selected, we recommend that the seasonal high groundwater (SHGWT) and the bottom of the base course be separated by at least 12 inches for crushed concrete and 18 inches for limerock. Please note that a higher separation criterion between SHGWT and bottom of the base course may be required based on reviewing agency indication.

Landscape Drains and Curbing: If needed, where landscaped sections are located adjacent to parking lots or driveways, we recommend that drains be installed around these landscaped sections to protect the asphalt pavement from excess rainfall and over irrigation. Migration of irrigation water from the landscape areas to the interface between the asphalt and the base usually occurs unless landscape drains are installed. This migration often causes separation of the wearing surface from the base and subsequent rippling and pavement deterioration. The underdrains or strip drains should be routed to a positive outfall at the pavement area catch basins.

It is recommended that curbing around landscaped sections adjacent to parking lots and driveways be constructed with full-depth curb sections. Using extended curb sections which lie directly on top of the final asphalt level, or eliminating curbing entirely, can allow migration of irrigation water from the landscaped areas to the interface between the asphalt and the base. This migration often causes separation of the wearing surface from the base and subsequent rippling and pavement deterioration.

6.0 SITE CONSTRUCTION RECOMMENDATIONS

6.1 SUBGRADE PREPARATION

6.1.1 Stripping and Subgrade Preparation

The subgrade preparation should consist of stripping vegetation, rootmat, topsoil, any existing fill materials and any other soft or unsuitable materials from the 10-feet expanded building limit and 5-feet expanded pavement limits. Stripping limits should be extended an additional 1 foot for each foot of fill required at the structure's exterior edge. These activities should include removing soft and/or wet soils or otherwise unsuitable surface materials.

It should be anticipated that existing subgrade materials from the site will be loose and wet. A contingency should be included in the budget for isolated undercutting during proofroll operations. In the building areas, the depth of the soft wet soil, if encountered, should be removed to stable soil and replaced with approved structural fill. If the depth of unsuitable material is identified to be deeper than 3 feet below design subgrade in foundation or pavement areas, then alternative pavement subgrade stabilization may be considered. This could consist of excavating down a maximum of 3 feet below the pavement subgrade elevation, placing geogrid (such as Mirafi BXG-11 or approved equivalent), and then placing granular material over the grid to the design subgrade elevation. The actual depth of the undercut and/or remedial approach will vary depending on the conditions and should be evaluated at the time of construction.

The contractor should have a dewatering plan prepared in order to control high groundwater conditions observed on site. The amount and frequency of precipitation may also affect the groundwater conditions. The contractor should make provisions to keep excavations dry during construction to maintain the integrity of the exposed soils and help reduce the potential for otherwise unnecessary remedial work.

Erosion and sedimentation shall be controlled in accordance with Best Management Practices and current state, local, and NPDES requirements. At the appropriate time, we would be pleased to provide a proposal for construction materials testing and NPDES related services.

6.1.2 Proofrolling

Following the stripping operations and prior to the placement of structural fills or structural elements, the exposed subgrade soils should be observed by a geotechnical engineer or their approved representative. Proofrolling using a loaded dump truck, having an axle weight of at least 10 tons, may be used at this time to aid in identifying localized soft or unsuitable materials that should be removed. Any soft or unsuitable material encountered during proofrolling should be removed to a stable subgrade and replaced with an approved backfill compacted to the criteria given below.

Due to the loose soils encountered within this exploration a representative of the Geotechnical Engineer of Record is recommended to be on-site during the proofroll of the building pad areas to confirm the suitability of the natural soils prior to the placement of structural fill or foundations. The natural soils within the building pad areas should be densified with a 20 ton smooth drum roller that should traverse the pads in a perpendicular (orthogonal) pattern using

the maximum vibratory setting prior to commencing proofroll operations and subsequent structural fill placement.

6.2 EARTHWORK OPERATIONS

6.2.1 Structural Fill Materials

After subgrade preparation and observation has been completed and a stable subgrade exists, fill placement may begin. Structural fill materials should not be placed on soils which have been recently subjected to precipitation. Wet soils should be removed prior to the placement of engineered fill, granular sub-base materials, foundation/slab concrete, or paving materials.

Materials used as structural fill for shallow fill areas should consist of approved material classified as SP, SP-SM, SM, SC or more granular, which are free of debris, particles larger than 3 inches in diameter (4-inches for trench/utility backfill), organic inclusions, cinders, ash, or excess moisture. **It should be noted that the soils observed within the proposed dry pond area would be considered suitable for use as structural fill; however, due to the nature of the high groundwater table there should be consideration with respect to a time allowance for these soils to dry prior to compactive effort being applied. Due to the coarse, granular nature of the soils, we would expect the soils to dry relatively quickly during periods of no precipitation.**

Prior to placement of structural fill, representative bulk samples (about 50 pounds) of on-site and off-site borrow should be submitted to ECS for laboratory testing, which will include natural moisture content, grain-size distribution, and moisture-density relationships for compaction. Import materials should be tested prior to being hauled to the site to determine if they meet project specifications.

The structural fill, consisting of suitable on-site soils or off-site granular borrow material, or a mixture thereof, should be placed in essentially horizontal lifts with a maximum loose thickness of 8 inches and moisture conditioned to within $\pm$3 percentage points of the optimum moisture content. Structural fill should be placed and compacted to a minimum compaction of 95% of the maximum dry density in accordance with the Modified Proctor method (ASTM D1557).

Each lift of compacted engineered fill should be tested by a representative of the geotechnical engineer prior to placement of subsequent lifts. Compaction testing should be performed at the rate of at least 1 test per 2,500 square feet for each lift of fill within the building pad and at the rate of at least 1 test per 5,000 square feet for each lift of fill outside of the building pad, with a minimum of 3 tests per lift of fill within the building footprint. The elevation and location of the tests should be accurately identified at the time of fill placement. Areas which fail to achieve the required degree of compaction should be recompacted and retested until minimum compaction is achieved. Failing test areas may require adjustments in moisture content or other suitable remedial activities in order to achieve the required compaction.

The expanded limits of the proposed construction areas should be well defined, including the limits of the fill zones for buildings, pavements, and slopes, etc., at the time of fill placement. Grade controls should be maintained throughout the filling operations.

Compaction equipment suitable to the soil type being compacted should be used to compact the subgrades and fill materials. Sheepsfoot compaction equipment should be suitable for the fine-

grained soils (Clays and Silts). A vibratory steel drum roller should be used for compaction of coarse-grained soils (Sands) as well as for sealing compacted surfaces. In confined areas such as utility trenches, portable compaction equipment and thin lifts of 3 to 4 inches may be required to achieve specified degrees of compaction.

At the end of each work day, all fill areas should be graded to facilitate drainage of any precipitation and the surface should be sealed by use of a smooth-drum roller to limit infiltration of surface water. During placement and compaction of new fill at the beginning of each workday, the contractor may need to scarify existing subgrades to a depth on the order of 4 inches so that a weak plane will not be formed between the new fill and the existing subgrade soils.

Positive site drainage should be maintained during earthwork operations in an effort to maintain the integrity of the site surface soil. When wet, the site soils may degrade quickly with disturbance from contractor operations and will be extremely difficult to stabilize for fill placement. Consequently, the contractor should be prepared to implement aggressive mechanical or chemical drying, depending upon the actual site conditions. We strongly recommend that mass grading for the project be performed during the drier summer months to help facilitate favorable moisture conditions for the site soils. If water must be added to raise the moisture content of the soil, it should be uniformly applied and thoroughly mixed into the soil. In addition to maintaining proper site drainage for the purpose of maintaining the integrity of the site soils, care must be taken to control the surface water flow due to the inherent risks associated with risk for sinkhole development as previously discussed.

6.3 UTILITY INSTALLATIONS

Utility Subgrades and Excavation: The soils encountered in our exploration are expected to be generally suitable for support of utility pipes to include an underground storage tank (UST). The pipe subgrade, especially where existing fill was encountered, should be observed and probed for stability by the testing agency to evaluate the suitability of the materials encountered. Any loose or unsuitable materials encountered at the utility pipe subgrade elevation should be removed and replaced with suitable compacted structural fill or pipe bedding material. Based upon the type of soils and high groundwater table encountered on site, the contractor will need to consider installing trench boxes during deep utility and UST excavations.

Utility Backfilling: The granular bedding material should be at least 4 inches thick, but not less than that specified by the project drawings and specifications. Fill placed for support of the utilities, as well as backfill over the utilities, should satisfy the requirements for structural fill given in this report. Compacted backfill should be free of topsoil, roots, ice, or any other material designated as unsuitable. The backfill should be moisture conditioned, placed, and compacted in accordance with the recommendations of this report. Where the utility and UST will be located below water, the contractor should be aware of potential buoyancy and tie down the pipes or UST structure. In addition, soil backfill will not be able to be compacted. In this case, backfill can consist of FDOT 57 stone to approximately 1 foot over the water level, a fabric separator placed, followed by compacted fill to design subgrade.

Utility Excavation Dewatering: Groundwater will likely be encountered for UST and utility excavations. Depending on the amount of controlled fill and the depth of the utility, pumping from the excavations may not be enough for the installation of the utility and UST. Well points

would need to be considered if localized dewatering equipment such as sump pumps are unable to control water during the installation of the utilities and UST. It is expected that removal of perched water which seeps into excavations could be accomplished by pumping from sumps excavated in the trench bottom and which are backfilled with FDOT Size No. 57 Stone or open graded bedding material. Should water conditions beyond the capability of sump pumping be encountered, the contractor should submit a Dewatering Plan in accordance with project specifications.

6.4 GENERAL CONSTRUCTION CONSIDERATIONS

Site Drainage and Surface Water Control: Adequate temporary and permanent control of surface water runoff will be required in order to allow site access, grading and construction to proceed. Standing water or ice should be removed from the completed building pad and pavement subgrades as soon as practical after each precipitation event without damaging the subgrade throughout the construction period. This may include the use of temporary under-drains, sump pits and pumps, plowing, or other means. In addition, the building pad and pavement subgrades should be maintained on a regular basis to grade out any ruts or low points where water may accumulate, and to aerate and/or re-compact any areas disturbed by weather or construction activities. The responsibility for this maintenance role should be clearly defined in the contract documents.

Subgrade Protection: Measures should also be taken to limit site disturbance, especially from rubber-tired heavy construction equipment, and to control and remove surface water from development areas, including structural and pavement areas. It would be advisable to designate a haul road and construction staging area to limit the areas of disturbance and to prevent construction traffic from excessively degrading sensitive subgrade soils and existing pavement areas. Haul roads and construction staging areas could be covered with excess depths of aggregate to protect those subgrades. The aggregate can later be removed and used in pavement areas.

Excavation Safety: Cuts or excavations associated with utility excavations may require forming or bracing, slope flattening, or other physical measures to control sloughing and/or prevent slope failures. Contractors should be familiar with applicable OSHA codes to ensure that adequate protection of the excavations and trench walls is provided.

Erosion Control: Install soil erosion and sedimentation control devices, as well as temporary stormwater management facilities, as specified by Site/Civil Engineer. Maintain positive drainage conditions throughout construction, avoiding unnecessary ponding of stormwater in excavations or low areas of the site. Seal-roll exposed soil or subgrade surfaces prior to rain events, and promptly remove any standing water immediately afterwards.

6.5 CONSTRUCTION OBSERVATION AND TESTING

Regardless of the thoroughness of a geotechnical engineering study, there is always a possibility that subsurface conditions between test borings may be different from those encountered at the test boring locations, that conditions are not as anticipated by the designers, or that the demolition or construction process has altered the subsurface conditions. Therefore, geotechnical engineering construction observation should be performed under the supervision of a qualified

Geotechnical Engineer who is familiar with the intent of the recommendations presented in this report. Such observation services are recommended to evaluate whether the conditions anticipated in the design actually exist, or whether the recommendations presented in the report should be modified where necessary.

7.0 CLOSING

The report has been prepared for the exclusive use of Equinox Development Properties Inc., and their design team. ECS has prepared this report of findings, evaluations, and recommendations to guide geotechnical-related design and construction aspects of the project.

The description of the proposed project is based on information provided to ECS by Equinox Development Properties Inc. If any of this information is inaccurate, either due to our interpretation of the documents provided or site or design changes that may occur later, ECS should be contacted immediately in order that we can review the report in light of the changes and provide additional or alternate recommendations as may be required to reflect the proposed construction.

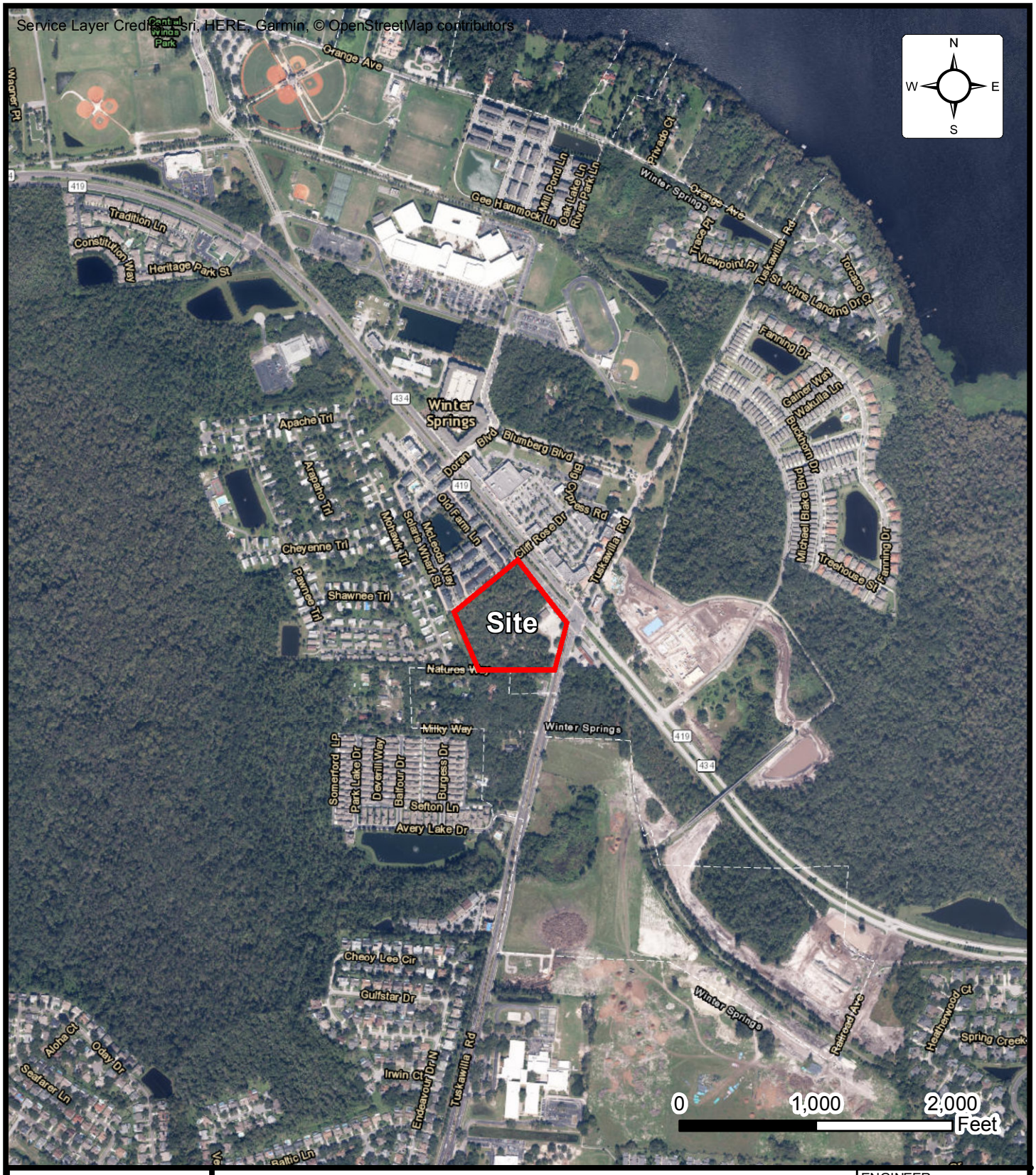
We recommend that ECS be allowed to review the project's plans and specifications pertaining to our work so that we may ascertain consistency of those plans/specifications with the intent of the geotechnical report.

Field observations, monitoring, and quality assurance testing during earthwork and foundation installation are an extension of and integral to the geotechnical design recommendation. We recommend that the owner retain these quality assurance services and that ECS be allowed to continue our involvement throughout these critical phases of construction to provide general consultation as issues arise. ECS is not responsible for the conclusions, opinions, or recommendations of others based on the data in this report.

The scope of this investigation was limited to the evaluation of the load-carrying capabilities and load stability of the soils and bedrock. Oil, hazardous waste, radioactivity, irritants, pollutants, radon or other dangerous substances and conditions were not the subject of this study. Their presence and/or absence are not implied, inferred or suggested by this report or results of this study.

APPENDIX A – Diagrams

Site Location Diagram
Boring Location Diagram



Site Line Location Diagram
TUSKAWILLA RETAIL DEVELOPMENT

170 TUSKAWILLA ROAD, WINTER SPRINGS, FL

EQUINOX DEVELOPMENT PROPERTIES, INC.

ENGINEER	JPH
SCALE	1 " = 1000 '
PROJECT NO.	6366
SHEET	1 OF 1
DATE	11/8/2018



Boring Location Diagram

EQUINOX DEVELOPMENT PROPERTIES, INC.

ECS

TUSKAWILLA RETAIL DEVELOPMENT

170 TUSKAWILLA RD, WINTER SPRINGS, FL

ENGINEER	JPH
SCALE	AS NOTED
PROJECT NO.	24:6366
SHEET	1 OF 1
DATE	12/11/2020

APPENDIX B – Field Operations

Reference Notes for Boring Logs
Boring Logs (B-1 through B-19)
Cross Section A-A'
Cross Section B-B'
Cross Section C-C'

REFERENCE NOTES FOR BORING LOGS

MATERIAL[1,2]	
	ASPHALT
	CONCRETE
	GRAVEL
	TOPSOIL
	VOID
	BRICK
	AGGREGATE BASE COURSE
	FILL[3] MAN-PLACED SOILS
GW	**WELL-GRADED GRAVEL** gravel-sand mixtures, little or no fines
GP	**POORLY-GRADED GRAVEL** gravel-sand mixtures, little or no fines
GM	**SILTY GRAVEL** gravel-sand-silt mixtures
GC	**CLAYEY GRAVEL** gravel-sand-clay mixtures
SW	**WELL-GRADED SAND** gravelly sand, little or no fines
SP	**POORLY-GRADED SAND** gravelly sand, little or no fines
SM	**SILTY SAND** sand-silt mixtures
SC	**CLAYEY SAND** sand-clay mixtures
ML	**SILT** non-plastic to medium plasticity
MH	**ELASTIC SILT** high plasticity
CL	**LEAN CLAY** low to medium plasticity
CH	**FAT CLAY** high plasticity
OL	**ORGANIC SILT or CLAY** non-plastic to low plasticity
OH	**ORGANIC SILT or CLAY** high plasticity
PT	**PEAT** highly organic soils

DRILLING SAMPLING SYMBOLS & ABBREVIATIONS			
SS	Split Spoon Sampler	PM	Pressuremeter Test
ST	Shelby Tube Sampler	RD	Rock Bit Drilling
WS	Wash Sample	RC	Rock Core, NX, BX, AX
BS	Bulk Sample of Cuttings	REC	Rock Sample Recovery %
PA	Power Auger (no sample)	RQD	Rock Quality Designation %
HSA	Hollow Stem Auger		

PARTICLE SIZE IDENTIFICATION		
DESIGNATION		**PARTICLE SIZES**
Boulders		12 inches (300 mm) or larger
Cobbles		3 inches to 12 inches (75 mm to 300 mm)
Gravel:	Coarse	¾ inch to 3 inches (19 mm to 75 mm)
	Fine	4.75 mm to 19 mm (No. 4 sieve to ¾ inch)
Sand:	Coarse	2.00 mm to 4.75 mm (No. 10 to No. 4 sieve)
	Medium	0.425 mm to 2.00 mm (No. 40 to No. 10 sieve)
	Fine	0.074 mm to 0.425 mm (No. 200 to No. 40 sieve)
Silt & Clay ("Fines")		<0.074 mm (smaller than a No. 200 sieve)

COHESIVE SILTS & CLAYS		
UNCONFINED COMPRESSIVE STRENGTH, Q_P[4]	**SPT[5] (BPF)**	**CONSISTENCY[7] (COHESIVE)**
<0.25	<3	Very Soft
0.25 - <0.50	3 - 4	Soft
0.50 - <1.00	5 - 8	Firm
1.00 - <2.00	9 - 15	Stiff
2.00 - <4.00	16 - 30	Very Stiff
4.00 - 8.00	31 - 50	Hard
>8.00	>50	Very Hard

GRAVELS, SANDS & NON-COHESIVE SILTS	
SPT[5]	**DENSITY**
<5	Very Loose
5 - 10	Loose
11 - 30	Medium Dense
31 - 50	Dense
>50	Very Dense

RELATIVE AMOUNT[7]	COARSE GRAINED (%)[8]	FINE GRAINED (%)[8]
Trace	≤5	≤5
Dual Symbol *(ex: SW-SM)*	10	10
With	15 - 20	15 - 25
Adjective *(ex: "Silty")*	≥25	≥30

WATER LEVELS[6]		
	WL	Water Level (WS)(WD)
		(WS) While Sampling
		(WD) While Drilling
	SHW	Seasonal High WT
	ACR	After Casing Removal
	SWT	Stabilized Water Table
	DCI	Dry Cave-In
	WCI	Wet Cave-In

[1] Classifications and symbols per ASTM D 2488-09 (Visual-Manual Procedure) unless noted otherwise.

[2] To be consistent with general practice, "POORLY GRADED" has been removed from GP, GP-GM, GP-GC, SP, SP-SM, SP-SC soil types on the boring logs.

*[3] Non-ASTM designations are included in soil descriptions and symbols along with ASTM symbol [Ex: (SM-**FILL**)].*

[4] Typically estimated via pocket penetrometer or Torvane shear test and expressed in tons per square foot (tsf).

[5] Standard Penetration Test (SPT) refers to the number of hammer blows (blow count) of a 140 lb. hammer falling 30 inches on a 2 inch OD split spoon sampler required to drive the sampler 12 inches (ASTM D 1586). "N-value" is another term for "blow count" and is expressed in blows per foot (bpf).

[6] The water levels are those levels actually measured in the borehole at the times indicated by the symbol. The measurements are relatively reliable when augering, without adding fluids, in granular soils. In clay and cohesive silts, the determination of water levels may require several days for the water level to stabilize. In such cases, additional methods of measurement are generally employed.

[7] Minor deviation from ASTM D 2488-09 Note 16.

[8] Percentages are estimated to the nearest 5% per ASTM D 2488-09.

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CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-4	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			3 2 4 4 4 4 3 4 4 5 4 6 5 6 5 7 9 7 8 7 7
	S-2	SS	24	24			40	
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense			
	S-4	SS	24	24				
	S-5	SS	24	24			35	
10								
	S-6	SS	18	18	(SP) SAND, light gray, wet, medium dense		30	7 7 7
15								
	S-7	SS	18	18			25	6 7 9
20					END OF BORING @ 20'			
							20	
25								
							15	
30								

6 7 10 12 15 14 16

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-9	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			2 2 3 5
	S-2	SS	24	24				4 5 4 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense		40	3 5 4 6
	S-4	SS	24	24				6 5 7 7
	S-5	SS	24	24			35	6 8 7 8
10					(SP) SAND, light gray, wet, medium dense			
	S-6	SS	18	18			30	6 7 9
15								
	S-7	SS	18	18			25	8 7 8
20					END OF BORING @ 20'			
25							20	
							15	
30								

5 9 9 12 15 16 15

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-15	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

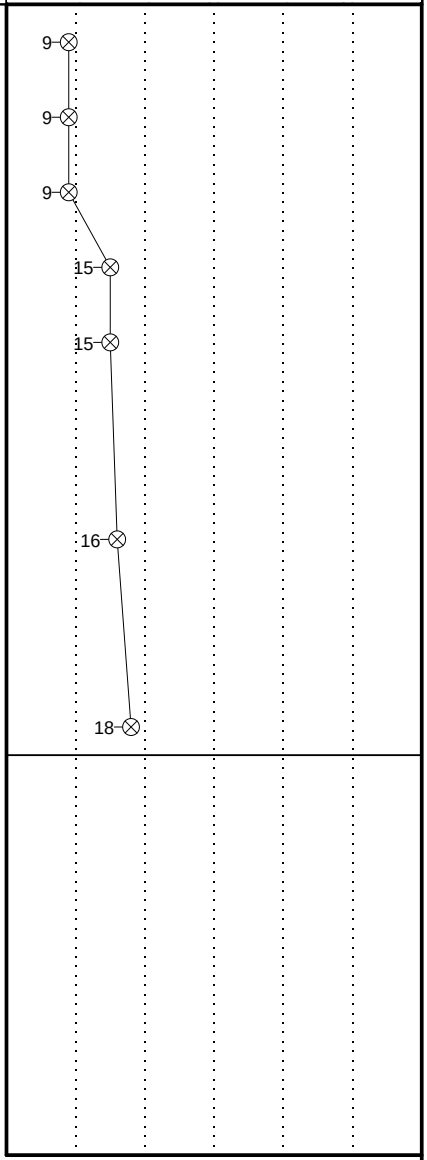
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 43.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0					Topsoil Thickness [3.00"]			
	S-1	SS	24	24	(SP) SAND, light gray, moist, loose			3 5 4
	S-2	SS	24	24			40	4 3 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense			5 5 4
	S-4	SS	24	24				6 7 8
	S-5	SS	24	24			35	7 5 7
10								8 9
	S-6	SS	18	18	(SP) SAND, light gray, wet, medium dense		30	6 7 9
15								
	S-7	SS	18	18			25	8 8 10
20					END OF BORING @ 20'			
							20	
25								
							15	
30								



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 3.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 2.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-5	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			4 3 5
	S-2	SS	24	24				4 5 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense		40	4 6 5
	S-4	SS	24	24	(SP) SAND, light gray, wet, medium dense			7 5 8
	S-5	SS	24	24			35	7 7 8 8
10								
	S-6	SS	18	18			30	6 7 10
15								
	S-7	SS	18	18			25	6 8 8
20					END OF BORING @ 20'		20	
25							15	
30								

8 9 11 15 15 17 16

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-10	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	WATER LEVELS	ELEVATION (FT)	BLOWS/6"	DESCRIPTION OF MATERIAL
0	S-1	SS	24	24		45	3 4	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose
	S-2	SS	24	24			3 3	
5	S-3	SS	24	24		40	2 4	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense
	S-4	SS	24	24			5 5	
	S-5	SS	24	24			4 5	(SP) SAND, light gray, wet, medium dense
10						35	7 8	
	S-6	SS	18	18			6 7	
15						30	6 7	
	S-7	SS	18	18			7 8	
20						25	5 7 8	END OF BORING @ 20'
25						20		
30						15		

7 9 12 13 13 14 15

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-14	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	3 2 3
	S-2	SS	24	24				3 4 3
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense		40	3 5 4
	S-4	SS	24	24				4 5 7
	S-5	SS	24	24	(SP) SAND, light gray, wet, medium dense			6 7 8 7 6 6 5 8
10							35	
	S-6	SS	18	18				7 7 9
15							30	
	S-7	SS	18	18				6 7 10
20					END OF BORING @ 20'		25	
25							20	
30							15	

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-3	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 42.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			2 3 2 2 2
	S-2	SS	24	24			40	5 4 4 6 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense			6 5 7 6 7
	S-4	SS	24	24			35	5 8 6 8 7
	S-5	SS	24	24				7
10					(SP) SAND, light gray, wet, medium dense		30	
	S-6	SS	18	18				6 5 7
15							25	
	S-7	SS	18	18				5 8 7
20					END OF BORING @ 20'		20	
25							15	
30								

5 – 8 – 11 – 22.4 – 12 – 15 – 12 – 15

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-2	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION

170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

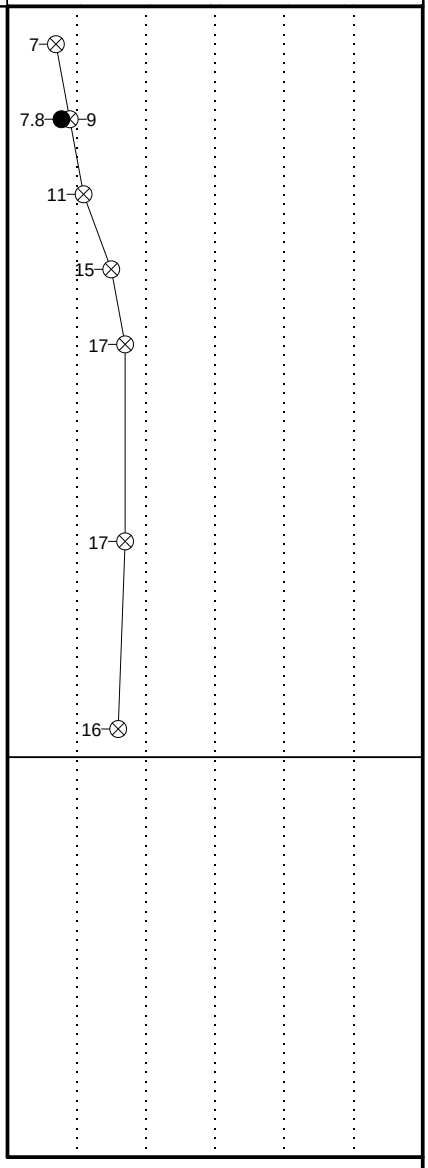
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 43'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0					Topsoil Thickness [3.00"]			4 3 4 4 4 5 4 5 5 5 4 6 5 7 6 8 7 8 9 9 8 7
	S-1	SS	24	24	(SP) SAND, gray to light gray, moist, loose			
	S-2	SS	24	24			40	
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense			
	S-4	SS	24	24				
	S-5	SS	24	24			35	
10								
					(SP) SAND, light gray, wet, medium dense		30	5 8 9
	S-6	SS	18	18				
15							25	7 8 8
	S-7	SS	18	18				
20					END OF BORING @ 20'		20	
25							15	
30								



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-19	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

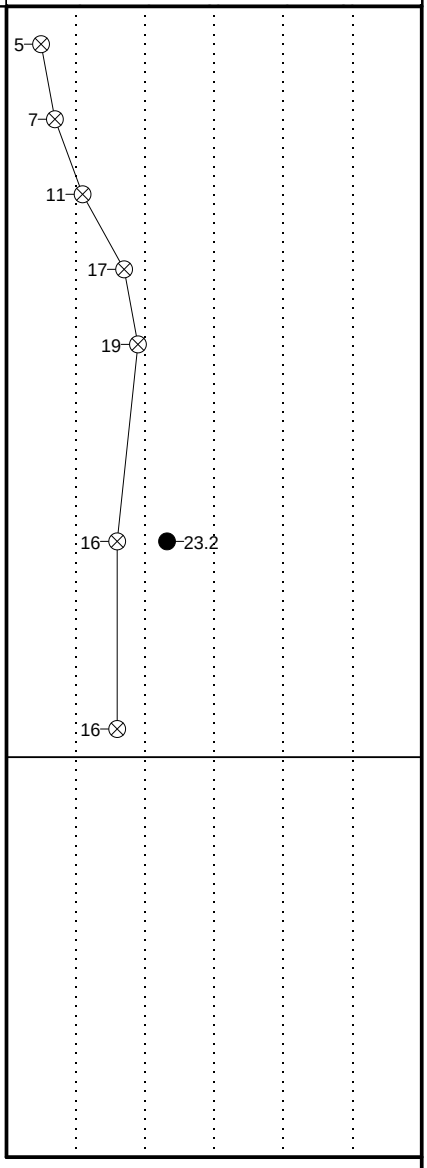
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, gray to light gray, moist, loose		45	3 2 3 3 4
	S-2	SS	24	24				3 4 5 4 6
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		40	6 5 7 6 8
	S-4	SS	24	24				9 8 9 9 10
	S-5	SS	24	24				9
10							35	
					(SP) SAND, gray, wet, medium dense			
	S-6	SS	18	18				6 7 9
15							30	
	S-7	SS	18	18				8 8 8
20					END OF BORING @ 20'		25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-18	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION

170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING	EASTING	STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

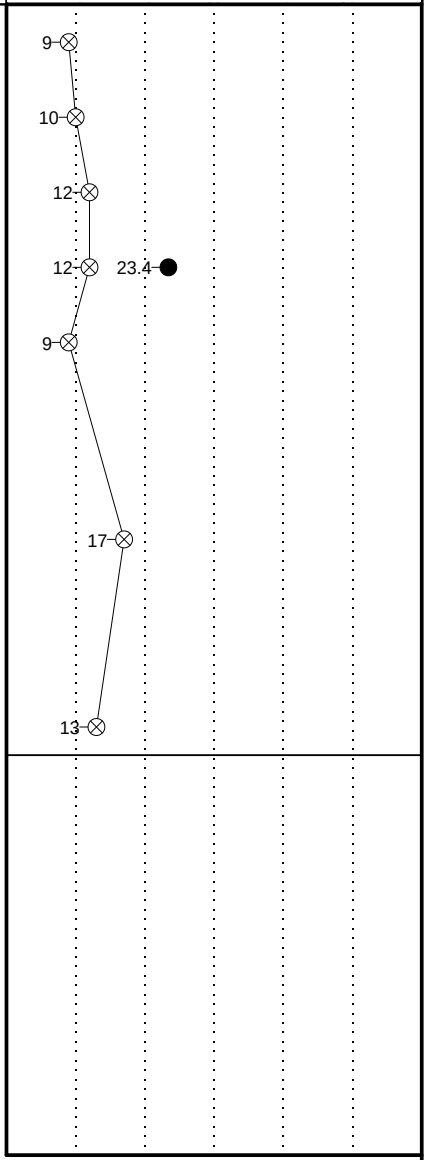
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING ▰ LOSS OF CIRCULATION

SURFACE ELEVATION 45.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	3 4 5
	S-2	SS	24	24				4 4 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense to loose	▽	40	5 6 7
	S-4	SS	24	24				7 8 7
	S-5	SS	24	24				5 6 5
10							35	5 4 5
	S-6	SS	18	18	(SP) SAND, light gray, wet, medium dense			5 7 10
15							30	
	S-7	SS	18	18				6 6 7
20					END OF BORING @ 20'		25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

▽ WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
▽ WL(SHW) 5' ▼ WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
▽ WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-12	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
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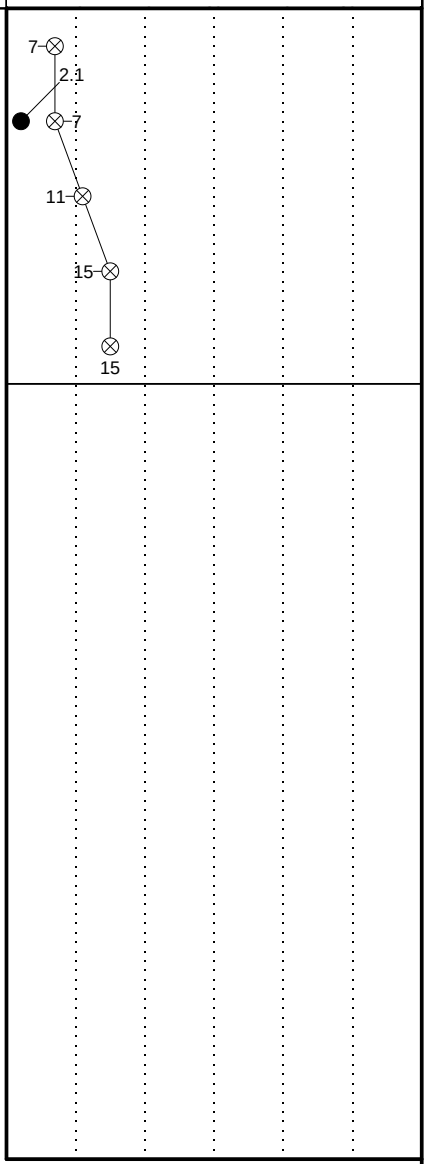
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	4 4 3
	S-2	SS	24	24				5 2 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		40	3 4 4
	S-4	SS	24	24				6 5 7
	S-5	SS	24	24				6 8 7
10					END OF BORING @ 10'		35	9 6 8
15							30	7 10
20							25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-17	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC%

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL (ENGLISH UNITS)	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Asphalt Thickness [2.00"] Limerock Thickness [5.00"] (SP) SAND, brown, moist, loose to medium dense		40	4 4 5 5 4 4 4 6 5 6 5 5 5 5 7 4 4 4 4 5 5 4 4 6
	S-2	SS	24	24				
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, moist to wet, loose		35	
	S-4	SS	24	24				
	S-5	SS	24	24				
10					END OF BORING @ 10'		30	
15							25	
20							20	
25							15	
30								

9 – 11 – 10 – 13.8 – 8 – 8

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-6	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			3 2 4
	S-2	SS	24	24				3 6 5
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, brown, wet, medium dense		40	5 5 6
	S-4	SS	24	24				5 7 8
	S-5	SS	24	24	(SP) SAND, light gray, wet, loose		35	7 6 5
10					END OF BORING @ 10'			4 7
15							30	
20							25	
25							20	
30							15	

6 – 10 – 11 – 15 – 9

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-11	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION

170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

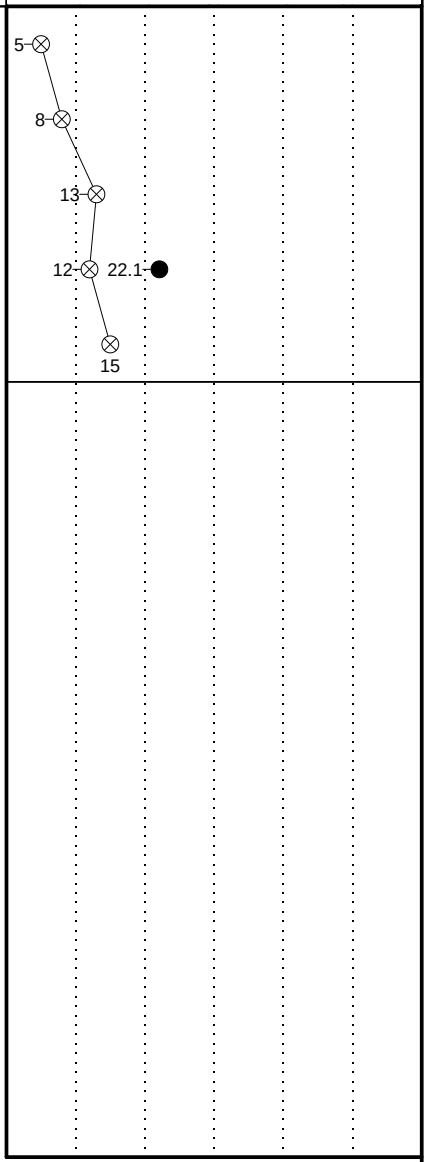
STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0					Topsoil Thickness [3.00"]		45	
	S-1	SS	24	24	(SP) SAND, light gray, moist, loose			4 3 2
	S-2	SS	24	24				3 4 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense		40	4 3 5
	S-4	SS	24	24	(SP) SAND, light gray, wet, medium dense			7 6 7
	S-5	SS	24	24				6 5 7
10					END OF BORING @ 10'		35	7 6 8
15							30	7 8
20							25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-8	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION

170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING	EASTING	STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING ▰ LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	4 3 3 3 4
	S-2	SS	24	24				5 5 3 5 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose	▽	40	5 5 4 6 8
	S-4	SS	24	24	(SP) SAND, light gray, wet, medium dense to loose			7 7 5 4 5
10	S-5	SS	24	24			35	7
					END OF BORING @ 10'			
15							30	
20							25	
25							20	
30							15	

6 – 8 – 10 – 15 – 9

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

▽ WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
▽ WL(SHW) 4' ▼ WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
▽ WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-16	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

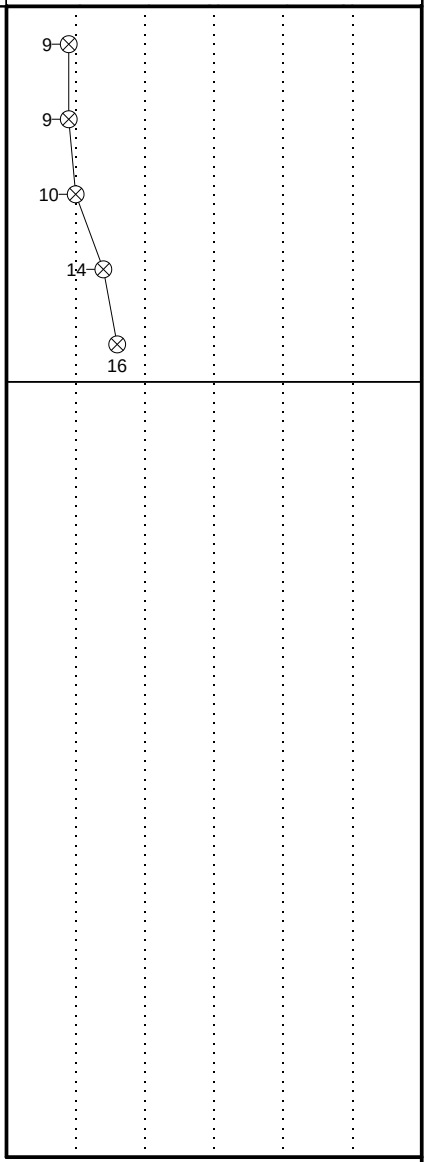
STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING ▰ LOSS OF CIRCULATION

SURFACE ELEVATION 45'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose		45	2 5 4 3 3 5 4 6 6 5 5 5 6 5 9 7 8 7 9 9
	S-2	SS	24	24				
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense		40	
	S-4	SS	24	24				
	S-5	SS	24	24				
10					END OF BORING @ 10'		35	
15							30	
20							25	
25							20	
30							15	



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-1	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

ENGLISH UNITS

BOTTOM OF CASING ▶ | LOSS OF CIRCULATION

SURFACE ELEVATION 43.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			4 3 3 3 4
	S-2	SS	24	24			40	3 2 4 3 4
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, loose to medium dense			4 5 4 5 7
	S-4	SS	24	24				6 7 6 5 7
	S-5	SS	24	24			35	7
10					END OF BORING @ 10'			
							30	
15								
							25	
20								
							20	
25								
							15	
30								

6 6 9 13 12

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-7	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 44.5'

DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	DESCRIPTION OF MATERIAL	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0	S-1	SS	24	24	Topsoil Thickness [3.00"] (SP) SAND, light gray, moist, loose			4 5 4 4 4 3 5 4 6 5 7 6 7 4 7 6 7 5 8 7 7
	S-2	SS	24	24				
5	S-3	SS	24	24	(SP-SM) SAND WITH SILT, dark brown, wet, medium dense		40	
	S-4	SS	24	24				
	S-5	SS	24	24			35	
10					END OF BORING @ 10'			
15							30	
20							25	
25							20	
30							15	

9 9 13 13 15

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4.5' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 4' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

CLIENT	Job #:	BORING #	SHEET
Equinox Development Properties, Inc.	24:6366	B-13	1 OF 1

PROJECT NAME	ARCHITECT-ENGINEER
Tuskawilla Retail Development GEO	Kimley Horn

SITE LOCATION: 170 Tuskawilla Road, Winter Springs, Seminole County, FL

NORTHING | EASTING | STATION

CALIBRATED PENETROMETER TONS/FT^2

ROCK QUALITY DESIGNATION & RECOVERY
RQD% – — – REC% ———

PLASTIC LIMIT% | WATER CONTENT% | LIQUID LIMIT%

STANDARD PENETRATION BLOWS/FT

DESCRIPTION OF MATERIAL — ENGLISH UNITS

BOTTOM OF CASING | LOSS OF CIRCULATION

SURFACE ELEVATION 45'

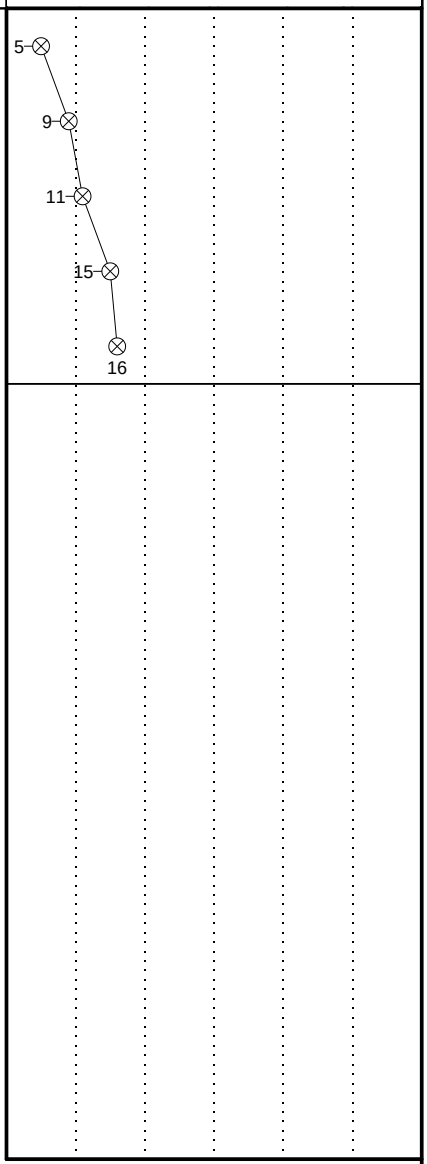
DEPTH (FT)	SAMPLE NO.	SAMPLE TYPE	SAMPLE DIST. (IN)	RECOVERY (IN)	WATER LEVELS	ELEVATION (FT)	BLOWS/6"
0						45	
	S-1	SS	24	24			3 3 2
	S-2	SS	24	24			4 5 4
5	S-3	SS	24	24		40	5 4 6
	S-4	SS	24	24			5 7 6
	S-5	SS	24	24			8 7 7
10						35	6 9 7 9
15						30	
20						25	
25						20	
30						15	

Topsoil Thickness [3.00"]

(SP) SAND, light gray, moist, loose

(SP-SM) SAND WITH SILT, dark brown, wet, medium dense

END OF BORING @ 10'



THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL TYPES. IN-SITU THE TRANSITION MAY BE GRADUAL.

WL 4' WS ☐ WD ☒	BORING STARTED 10/08/18	CAVE IN DEPTH
WL(SHW) 3.5' WL(ACR)	BORING COMPLETED 10/08/18	HAMMER TYPE Manual
WL	RIG ATV FOREMAN Gary	DRILLING METHOD Mud Rotary

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL
GM - SILTY GRAVEL
GP - POORLY GRADED GRAVEL
GC - CLAYEY GRAVEL
SW - WELL GRADED SAND
ML - LOW PLASTICITY SILT
ST - SHELBY TUBE
CL - LOW PLASTICITY CLAY
MH - HIGH PLASTICITY SILT
SM - SILTY SAND
RC - ROCK CORE
SP - POORLY GRADED SAND
SC - CLAYEY SAND
CH - HIGH PLASTICITY CLAY
PM - PRESSURE METER
OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS
OL - LOW PLASTICITY ORGANIC SILTS AND CLAY
PT - PEAT

NOTE: NUMBERS IMMEDIATELY TO THE LEFT OF THE BORING PROFILE ARE SPT-N VALUES.

WR - WEATHERED ROCK
PWR - PARTIALLY WEATHERED ROCK
- FILL
- POSSIBLE FILL
- PROBABLE FILL

SURFACE MATERIALS

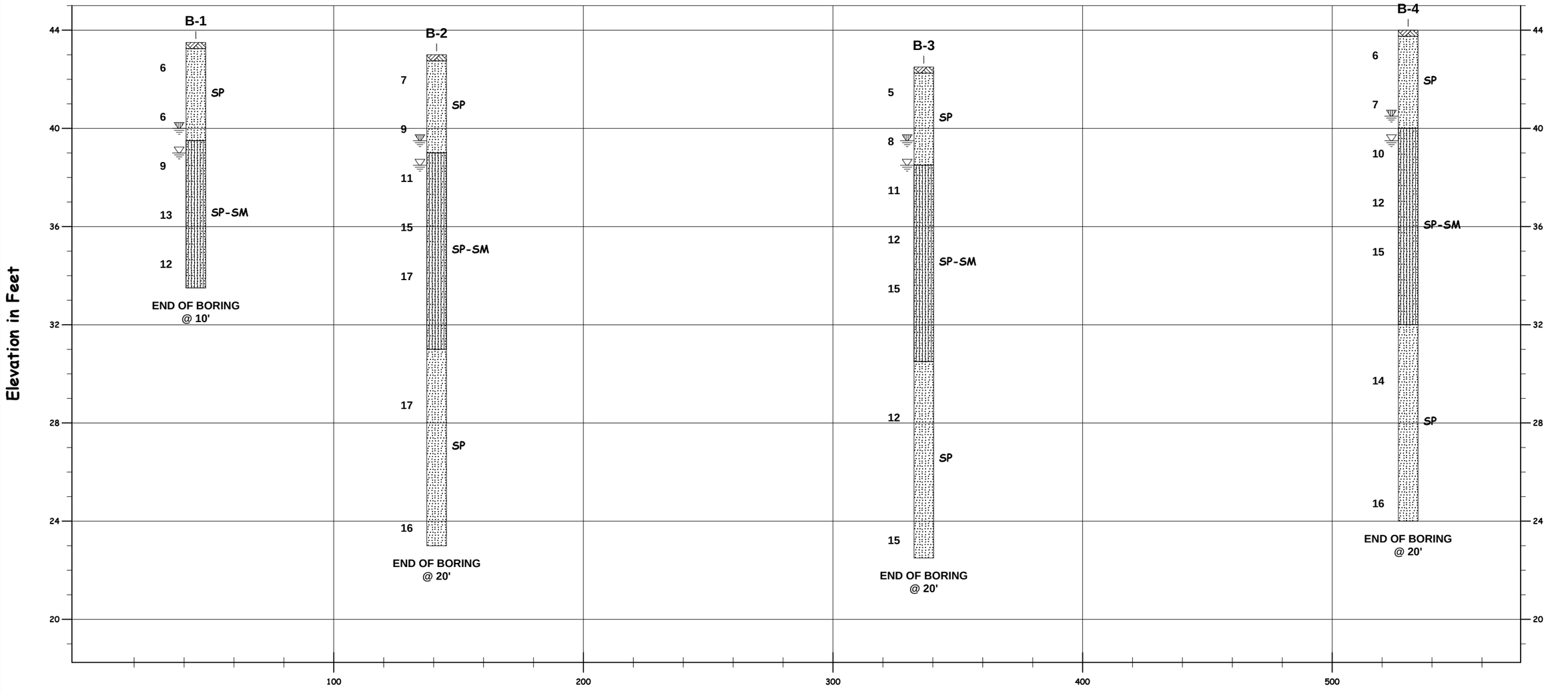
TOPSOIL
ASPHALT
GRAVEL
CONCRETE
VOID

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

WATER LEVEL - DURING DRILLING/SAMPLING
WATER LEVEL - SEASONAL, HIGH WATER
WATER LEVEL - AFTER CASING REMOVAL
WATER LEVEL - AFTER 24 HOURS
PLASTIC LIMIT% WATER CONTENT% % PASSING #200 SIEVE [88%] LIQUID LIMIT%



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).

Subsurface Soil Profile
Cross Section A-A

Tuskawilla Retail Development GEO
Equinox Development Properties, Inc.
170 Tuskawilla Rd, Winter Springs, Seminole County, FL

PROJECT NO.: 6366 | DATE: 11/14/2018 | VERTICAL SCALE: 1"=4'

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL
GM - SILTY GRAVEL
GP - POORLY GRADED GRAVEL
GC - CLAYEY GRAVEL
SW - WELL GRADED SAND
ML - LOW PLASTICITY SILT
ST - SHELBY TUBE
CL - LOW PLASTICITY CLAY
MH - HIGH PLASTICITY SILT
SM - SILTY SAND
RC - ROCK CORE
SP - POORLY GRADED SAND
SC - CLAYEY SAND
CH - HIGH PLASTICITY CLAY
PM - PRESSURE METER
OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS
OL - LOW PLASTICITY ORGANIC SILTS AND CLAY
PT - PEAT
NOTE: NUMBERS IMMEDIATELY TO THE LEFT OF THE BORING PROFILE ARE SPT-N VALUES.
WR - WEATHERED ROCK
PWR - PARTIALLY WEATHERED ROCK
- FILL
- POSSIBLE FILL
- PROBABLE FILL

SURFACE MATERIALS

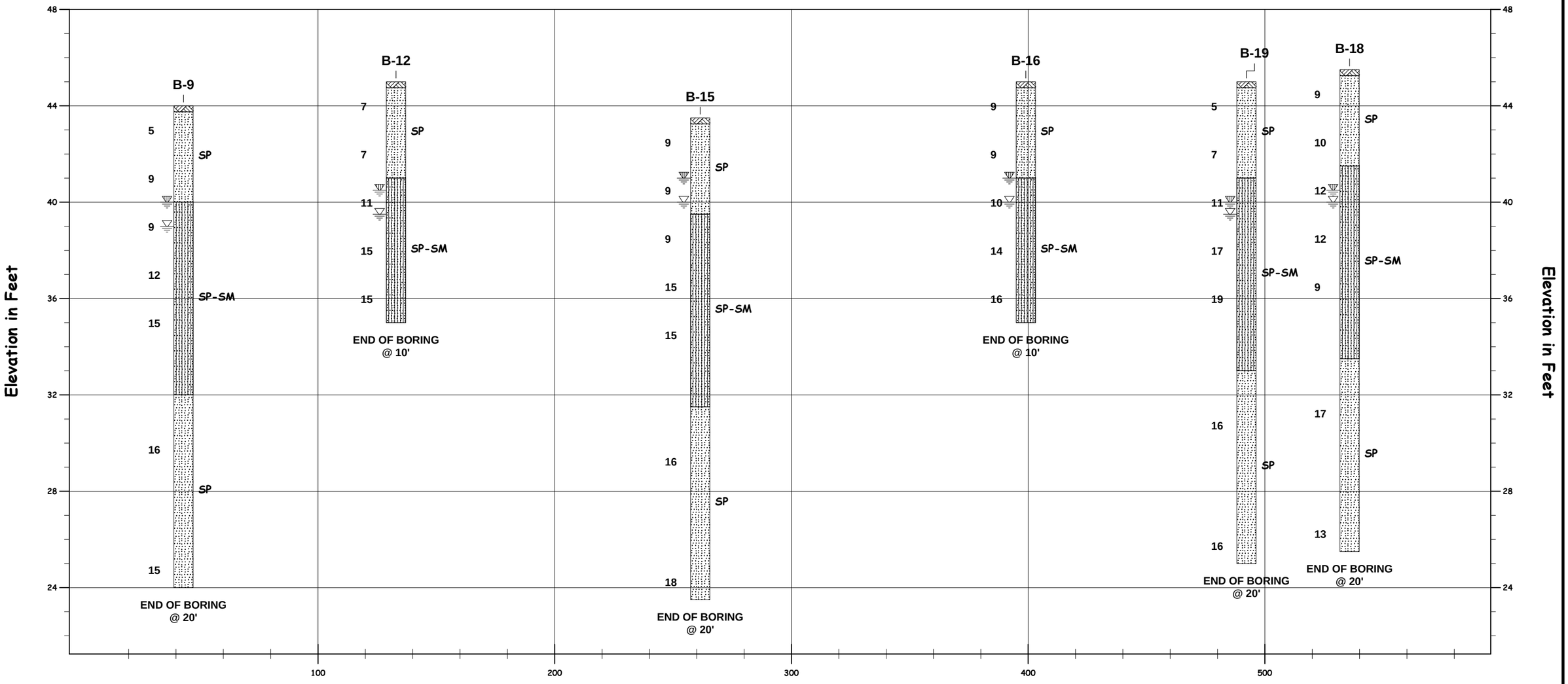
TOPSOIL
CONCRETE
ASPHALT
VOID
GRAVEL

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

WATER LEVEL - DURING DRILLING/SAMPLING
WATER LEVEL - SEASONAL, HIGH WATER
WATER LEVEL - AFTER CASING REMOVAL
WATER LEVEL - AFTER 24 HOURS
PLASTIC LIMIT% | WATER CONTENT% | % PASSING #200 SIEVE [88%] | LIQUID LIMIT%



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).

Subsurface Soil Profile
Cross Section B-B

Tuskawilla Retail Development GEO
Equinox Development Properties, Inc.
170 Tuskawilla Rd, Winter Springs, Seminole County, FL

PROJECT NO.: 6366 | DATE: 11/14/2018 | VERTICAL SCALE: 1"=4'

SOIL CLASSIFICATION LEGEND

GW - WELL GRADED GRAVEL
GP - POORLY GRADED GRAVEL
GM - SILTY GRAVEL
GC - CLAYEY GRAVEL
SW - WELL GRADED SAND
ML - LOW PLASTICITY SILT
CL - LOW PLASTICITY CLAY
MH - HIGH PLASTICITY SILT
SM - SILTY SAND
SP - POORLY GRADED SAND
SC - CLAYEY SAND
CH - HIGH PLASTICITY CLAY
OH - HIGH PLASTICITY ORGANIC SILTS AND CLAYS
OL - LOW PLASTICITY ORGANIC SILTS AND CLAY
PT - PEAT
WR - WEATHERED ROCK
PWR - PARTIALLY WEATHERED ROCK
- FILL
- POSSIBLE FILL
- PROBABLE FILL

ST - SHELBY TUBE
RC - ROCK CORE
PM - PRESSURE METER

NOTE: NUMBERS IMMEDIATELY TO THE LEFT OF THE BORING PROFILE ARE SPT-N VALUES.

SURFACE MATERIALS

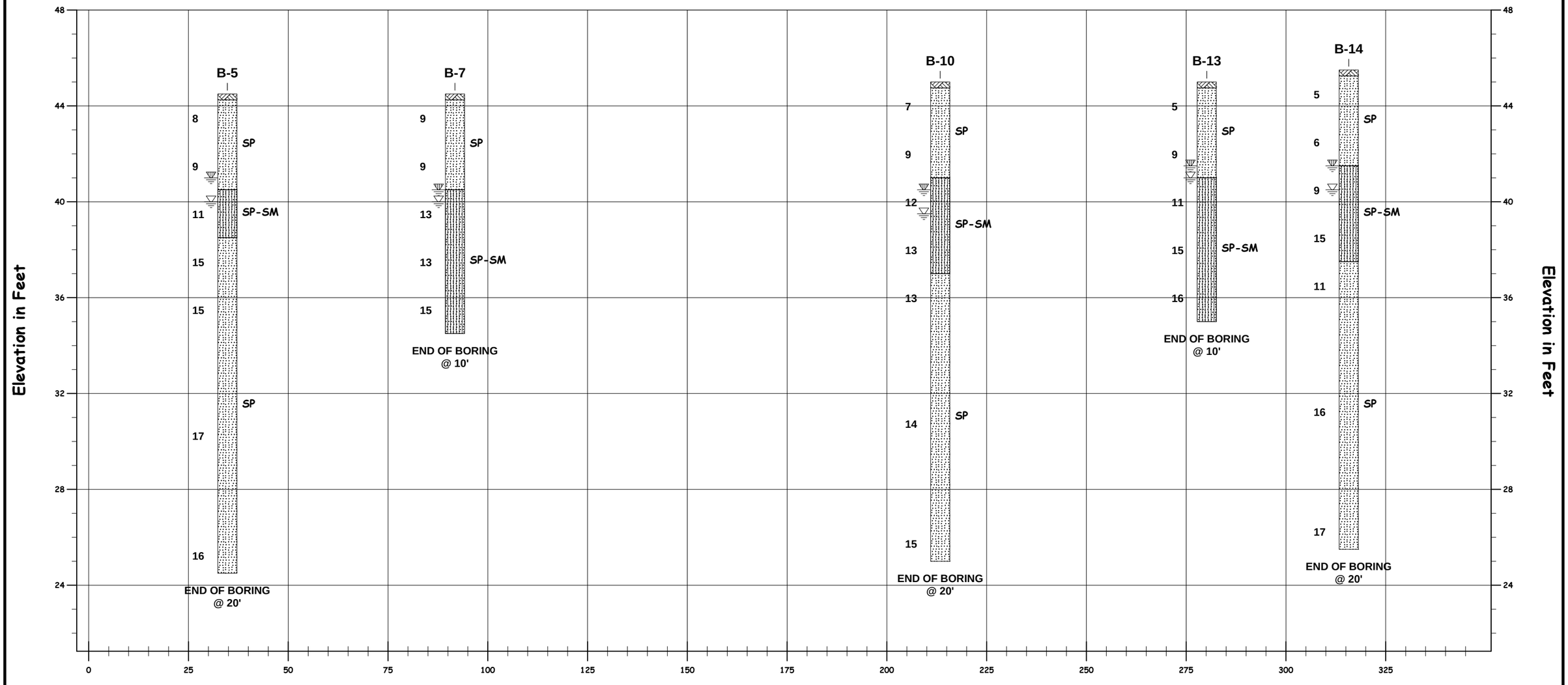
TOPSOIL
ASPHALT
GRAVEL
CONCRETE
VOID

ROCK TYPES

IGNEOUS
METAMORPHIC
SEDIMENTARY

SYMBOL LEGEND

WATER LEVEL - DURING DRILLING/SAMPLING
WATER LEVEL - SEASONAL, HIGH WATER
WATER LEVEL - AFTER CASING REMOVAL
WATER LEVEL - AFTER 24 HOURS
PLASTIC LIMIT% WATER CONTENT% % PASSING #200 SIEVE [88%] LIQUID LIMIT%



NOTES:
1 SEE INDIVIDUAL BORING LOG AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
2 PENETRATION TEST RESISTANCE IN BLOWS PER FOOT (ASTM D1586).

Subsurface Soil Profile
Cross Section C-C

Tuskawilla Retail Development GEO
Equinox Development Properties, Inc.
170 Tuskawilla Rd, Winter Springs, Seminole County, FL

PROJECT NO.: 6366 | DATE: 11/14/2018 | VERTICAL SCALE: 1"=4'

APPENDIX C – Laboratory Testing

Laboratory Testing Results Summary

Laboratory Testing Summary

Sample Source	Sample Number	Depth (feet)	MC[1] (%)	Soil Type[2]	Atterberg Limits[3]			Percent Passing No. 200 Sieve[4]	Moisture - Density (Corr.)[5]		CBR Value[6]	Other
					LL	PL	PI		Maximum Density (pcf)	Optimum Moisture (%)		
B-3	S-3	4.00 - 6.00	22.4	SP-SM				5.8				
B-2	S-2	2.00 - 4.00	7.8	SP				2.7				Kh = 55 ft/day Kv = 37 ft/day
B-19	S-6	13.50 - 15.00	23.2	SP				1.7				
B-18	S-4	6.00 - 8.00	23.4	SP-SM				5.1				Kh = 51 ft/day Kv = 34 ft/day
B-12	S-2	2.00 - 4.00	2.1	SP				0.7				
B-17	S-3	4.00 - 6.00	13.8	SP-SM				8.9				
B-11	S-4	6.00 - 8.00	22.1	SP				0.9				

Notes: 1. ASTM D 2216, 2. ASTM D 2487, 3. ASTM D 4318, 4. ASTM D 1140, 5. See test reports for test method, 6. See test reports for test method

Definitions: MC: Moisture Content, Soil Type: USCS (Unified Soil Classification System), LL: Liquid Limit, PL: Plastic Limit, PI: Plasticity Index, CBR: California Bearing Ratio, OC: Organic Content (ASTM D 2974)

Project No. 24:6366
Project Name: Tuskawilla Retail Development GEO
PM: DAS
PE: JPH
Printed On: Tuesday, November 13, 2018

ECS FLORIDA, LLC
2815 Directors Row, Suite 500
Orlando, FL 32809
Phone: (407) 859-8378
Fax: (407) 859-9599

THIS INSTRUMENT WAS PREPARED BY
AND SHOULD BE RETURNED TO:

Anthony A. Garganese
City Attorney of Winter Springs
Garganese, Weiss, D'Agresta & Salzman, P.A.
111 N. Orange Avenue, Suite 2000
Orlando, FL 32802

(407) 425-9566

FOR RECORDING DEPARTMENT USE ONLY

THIRD MODIFICATION TO

DEVELOPMENT AND PROPERTY DIVISION AGREEMENT

(Winter Springs Marketplace – Additional Parking and Modifications to Robert Family Lane)

THIS THIRD MODIFICATION TO DEVELOPMENT AND PROPERTY DIVISION AGREEMENT ("Third Modification") is made and executed this _____ day of _____, 2025, by and between the **CITY OF WINTER SPRINGS**, a Florida Municipal Corporation ("City"), whose address is 1126 East S.R. 434, Winter Springs, Florida 32708, and **THISTLEWOOD WINTER SPRINGS, LLC,** a Florida Limited Liability Company, whose address is 677 King Street, 3rd Floor, Charleston, SC 29403 and **WINTER SPRINGS NET, LLC**, a Florida Limited Liability Company, whose address is 6525 3rd Street, Suite 409, Rockledge, Florida 32955 (collectively "Owners").

WITNESSETH:

WHEREAS, Owners' predecessor in interest, Tuscawilla Property Investors, LLC, and the City entered into and executed that certain Development and Property Division Agreement for Winter Springs Marketplace, dated March 8, 2021, and recorded in the Official Records of Seminole County at Book 9887, Pages 718-751 (the "Development Agreement") as well as that certain First Modification to the Development and Property Division Agreement for Winter Springs Marketplace, dated January 30, 2023, and recorded in the Official Records of Seminole County at Book 10397, Pages 628-643 (the "First Modification"), and that certain Second Modification to the Development and Property Division Agreement for Winter Springs Marketplace, dated _____, and recorded in the Official Records of Seminole County at Book _____, Pages _____ (the "Second Modification"); and

WHEREAS, the Development Agreement governs the development of the Winter Springs Marketplace shopping center, consisting of both the Property and Trust Property, as legally described and defined therein, the Trust Property having been conveyed to Tuscawilla Property

Investors subsequent to the execution and recordation of the Development Agreement, and the Trust Property being more particularly described in Exhibit "D" of the Development Agreement; and

WHEREAS, the Property and Trust Property have been subdivided and are no longer entirely owned by Tuscawilla Property Investors, LLC; and

WHEREAS, as described in the Second Modification, Tuscawilla Property Investors, LLC, desires to construct a Wawa neighborhood convenience store with gas pumps on the Resulting Trust Property Parcel #2, as more particularly described in Exhibit "G" of the Second Modification; and

WHEREAS, Tuscawilla Property Investors, LLC, as authorized by the Owners, further desires to modify the existing parking area of the Winter Springs Marketplace development by adding an additional 10 parking spaces which will be available to service the proposed Wawa development located upon the Resulting Trust Property Parcel #2, and by remodeling a portion of Roberts Family Lane which services the Property and Trust Property, as more particularly described and depicted on **Exhibit "J,"** attached hereto and incorporated herein by this reference (hereinafter the "Parking and Access Improvements"); and

WHEREAS, the Parking and Access Improvements are located on a portion of the Property within the Winter Springs Marketplace now owned by the Owners; and

WHEREAS, Section 20-29(c) of the City Code requires that all site plans shall be binding on the use of the subject property; and

WHEREAS, this Third Modification shall be recorded against a portion of the Property described herein so that the terms and conditions of approval shall run with the land; and

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the parties mutually agree as follows:

1.0 Recitals. The foregoing recitals are true and correct and are hereby incorporated herein by this reference.

2.0 Authority. This Third Modification is entered into pursuant to the Florida Municipal Home Rule Powers Act.

3.0 The Project Area. The real property that is the subject of this Third Modification is legally described in **EXHIBIT "I,"** attached hereto and fully incorporated herein by this reference for convenience (the "Improvements Project Area").

4.0 Project Description and Requirements; Phasing. Tuscawilla Property Investors has constructed Phases I and II of the Winter Springs Marketplace shopping center on the Property, as well as supporting infrastructure, stormwater pond, parking lots, and landscaping. Owners intend to construct certain improvements, consisting of ten (10) additional parking spaces in the

Improvements Project Area and certain improvements to Roberts Family Lane, as depicted in **Exhibit "J."**

(Hereinafter, all project description and requirements and references to the **"Parking and Access Improvements"** shall refer to the additional parking spaces and the associated improvements to Roberts Family Lane).

Owners shall construct the Parking and Access Improvements in a manner consistent with the approved Final Engineering/Site Plans that are on file with the City with the following file numbers and consistent with the requirements contained in this Third Modification:

File Nos: FEDP-2025-0017. FINAL ENGINEERING/SITE PLAN.

The overall Final Engineering/Site Plan for the Parking and Access Improvements is attached hereto as **EXHIBIT "J"** for convenience and incorporated herein by this reference.

5.0 Conditions of Approval. Specific conditions of approval for the above-referenced Final Engineering Plans include the following, which are also addressed in the staff report for the Final Engineering/Site Plans:

a. All grass areas in the Improvements Project Area shall use Bahia grass. No St. Augustine grass or any grass type with low drought tolerance shall be permitted.

b. Construction of the Parking and Access Improvements shall not commence until appropriate permitting has been obtained from the St. Johns River Water Management District, to the extent required.

6.0 Termination of Approval as to Parking and Access Improvements. In the event the Owners or their authorized agents fail to obtain the building permit and substantially commence construction of the Parking and Access Improvements within two (2) years of the Effective Date of this Third Modification, then the City shall have the right to terminate and/or void the approvals set forth herein and require the Owners to reapply to the City. The Owners may apply to the City Commission for an extension of this deadline, which may be granted upon good cause shown.

7.0 Representations of the Parties. The City and Owners hereby each represent and warrant to the other that it has the power and authority to execute, deliver and perform the terms and provisions of this Third Modification and has taken all necessary action to authorize the execution, delivery and performance of this Third Modification. The Owners further agrees and make the following representations and warranties to the City:

A. The Owners are lawfully seized of the Improvements Project Area property in fee simple and has full and lawful authority to execute this Third Modification and bind the Improvements Project Area property as set forth herein.

This Third Modification will, when duly executed and delivered by the City and Owners, constitute a legal, valid and binding obligation enforceable against the parties hereto. Upon recording of this Third Modification in the Public Records of Seminole County, Florida, the Third Modification shall be a binding obligation upon the Improvements Project Area property in accordance with the terms and conditions of this Agreement. Owners represent that it has voluntarily and willfully executed this Third Modification for purposes of binding himself and the Project Area property to the terms and conditions set forth in this Third Modification.

8.0 Successors and Assigns. This Third Modification shall automatically be binding upon and shall inure to the benefit of the City and Owners and their respective successors and assigns. The terms and conditions of this Third Modification similarly shall be binding upon the Improvements Project Area property, and shall run with title to the same upon being duly recorded against the Improvements Project Area property by the City.

9.0 Effective Date. This Third Modification shall become effective upon approval by the City Commission and execution by all parties hereto.

10.0 Recordation. Upon full execution by the Parties, this Third Modification shall be recorded in the Public Records of Seminole County, Florida by the City and shall be binding upon the Improvements Project Area property and all future owners thereof.

11.0 Effect of Modification. All other terms and conditions of the Development Agreement, First Modification, and Second Modification not in conflict with this Third Modification, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal on the date first above written.

CITY OF WINTER SPRINGS

By: _____
Kevin McCann, Mayor

Date: _____

ATTEST:

By: _____
Christian Gowan, City Clerk

CITY SEAL

APPROVED AS TO FORM AND LEGALITY
For the use and reliance of the City of Winter Springs, Florida only.

Date: _____
By: _____
Anthony A. Garganese, City Attorney for the City of Winter Springs, Florida

STATE OF FLORIDA
COUNTY OF SEMINOLE

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by Kevin McCann, Mayor of the City of Winter Springs, Florida**,** a Florida municipal corporation, on behalf of the corporation, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

Signed, sealed and delivered in the presence of the following witnesses:

WINTER SPRINGS NET, LLC

By: _____
Print Name:_____

Date: _____

_____
Signature of Witness

_____
Printed Name of Witness

_____
Signature of Witness

_____
Printed Name of Witness

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by _____, the Manager of Winter Springs Net, LLC**,** a limited liability company, on

behalf of the company, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

Signed, sealed and delivered in the presence of the following witnesses:

THISTLEWOOD WINTER SPRINGS, LLC

By: _____
Print Name:_____

Date: _____

_____
Signature of Witness

_____
Printed Name of Witness

_____
Signature of Witness

_____
Printed Name of Witness

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by _____, the Manager of Thistlewood Winter Springs, LLC**,** a limited liability company, on behalf of the company, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

OWNERS ARE HEREBY ADVISED THAT SHOULD OWNERS FAIL TO FULLY EXECUTE, AND DELIVER TO THE CITY, THIS AGREEMENT WITHIN THIRTY (30)

DAYS FROM THE DATE THAT THE CITY COMMISSION APPROVES THIS AGREEMENT, THIS AGREEMENT, AND THE DEVELOPMENT PERMIT APPROVALS REFERENCED HEREUNDER, SHALL AUTOMATICALLY BE DEEMED NULL AND VOID.

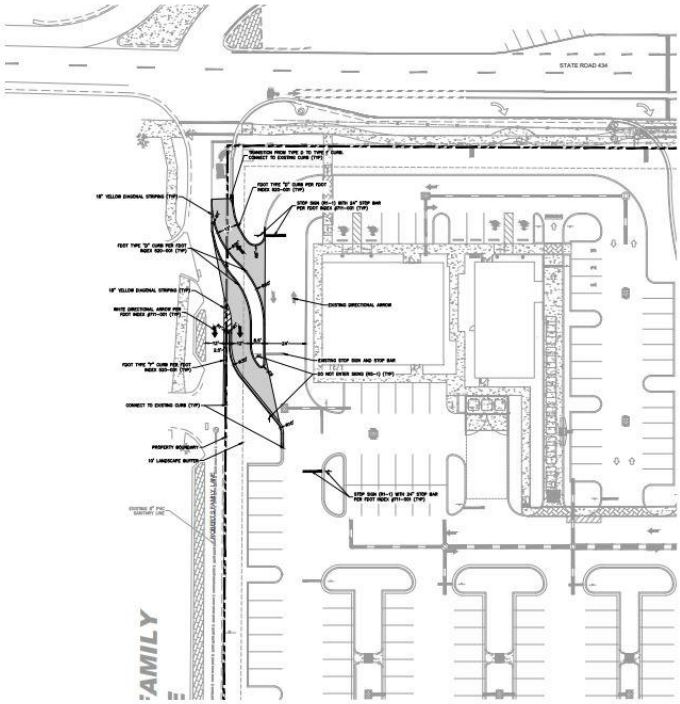
EXHIBIT I

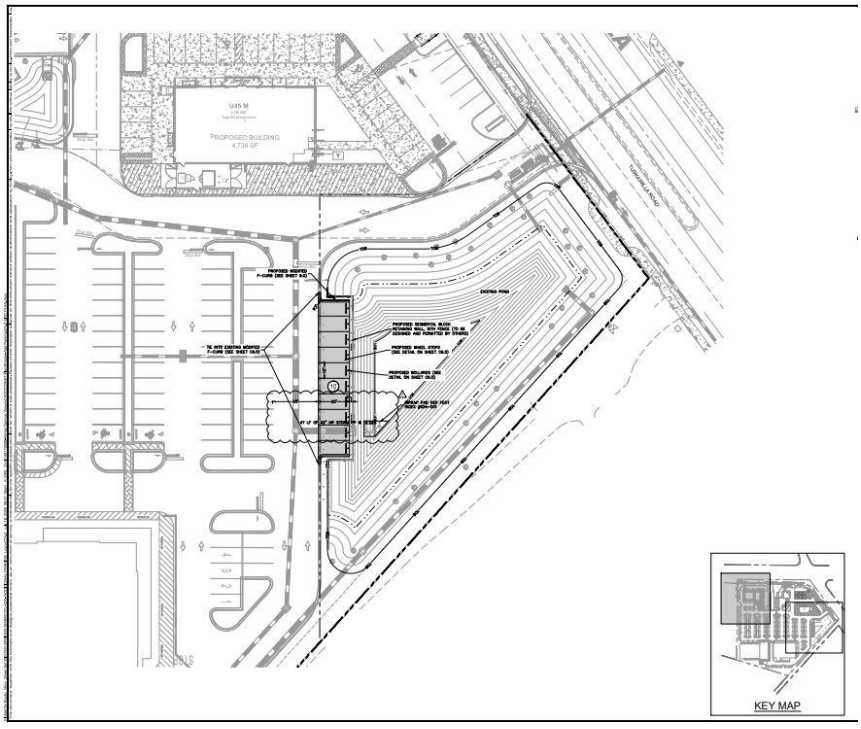
LEGAL DESCRIPTION OF IMPROVEMENTS PROJECT AREA

Lots 1, 3, and Tract C of the Winter Springs Marketplace plat, recorded in the Plat Book of Seminole County, Book 88, Page 5.

EXHIBIT J

OVERALL SITE PLAN FOR PARKING AND ACCESS IMPROVEMENTS





JOINDER AND CONSENT

For and in consideration of the mutual covenants, terms, and conditions and restrictions contained herein, together with other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **One Florida Bank**, a Florida banking corporation, as holder of that certain Mortgage and Security Agreement, which is recorded in Official Records Book 10171, Page 569 of the Public Records of Seminole County, Florida, as modified or affected by that certain Assignment of Leases and Rents, recorded in Official Records Book 10171, Page 585, that certain First Modification of Mortgage and Assignment of Leases and Rents, recorded in Official Records Book 10435, Page 458, that certain UCC-1 Financing Statement recorded in Official Records Book 10171, Page 593, and that certain UCC-1 Financing Statement Amendment, which is recorded in Official Records Book 10435, Page 461, and that certain Notice Pursuant to Florida Statutes, Section 713.10, recorded in Official Records Book 10435, Page 464, all of the Public Records of Seminole County, Florida (collectively, the "Mortgage",) hereby joins in and consents to the foregoing Third Modification to the Development and Property Division Agreement by and between the City of Winter Springs, a Florida municipal corporation, and Thistlewood Winter Springs, LLC, a Florida limited liability company, and Winter Springs Net, LLC, a Florida limited liability company, and further acknowledges and agrees that its Mortgage shall be subordinated to such Third Modification to the Development and Property Division Agreement and the obligations contained therein.

Dated this _____ day of _____, 2025.

Signed and sealed in the presence of:

By: _____

_____ Name: _____

Print Name: _____ Title :_____

Address: _____

_____

Print Name: _____

Address: _____

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me by means of (___) physical presence or (___) online notarization, this _____ day of _____, 2025, by _____, the _____ of _____, a _____, on behalf of the company, who is personally known to me or produced _____ _____ as identification.

(NOTARY SEAL)

_____
(Notary Public Signature)

_____
(Print Name)
Notary Public, State of _____
Commission No.: _____
My Commission Expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Site Plan Review

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per Florida Statue 419.001. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033. By submitting this application, you hereby grant temporary right of entry for City officials to enter upon the subject property for purposes of evaluating this application.

Site Plan Type

Type of Development: ____ Residential __X__ Non-Residential

___Preliminary Review __X__Final Review ___Combined Preliminary/Final ___Resubmittal ___ Recorded Plat

Project Name: Winter Springs Marketplace - Additional Parking Date: 5/13/2025

Applicant/Agent Information

Applicant(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 1000, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Person Who Will Upload Plans: Cory Sitler

Email: cory.sitler@kimley-horn.com Phone#: 407-536-4440

Property Owner(s) Name (If Applicant is not the Property Owner)

Name: _____

Email: _____ Phone #: _____

Mailing Address: _____

Phone Number: _____

Site Information

Project Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 36-20-30-502-0000-0090

Parcel Size: 0.12 Acres

Existing Use: Commercial

Proposed Use: Commercial

Zoning District: T-5 Urban Ceneter

Future Land Use: Commercial

Is the property located in the Town Center District? _X__Yes _____No

Is the property within the S.R. 434 Corridor Overlay District? _X__Yes _____No

Is the property located in the Greeneway Interchange Zoning District? _____Yes _X__No

The Planning and Zoning Board/Local Planning Agency shall review Site Plan Applications and make a written recommendation to the City Commission. The City Commission shall render all final decisions regarding Preliminary and Final Engineering Plans and may impose reasonable conditions on any approved plans to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the City Code and Comprehensive Plan. All formal decisions shall be based upon the applicable criteria as set forth in the City's Code of Ordinances Chapter 9, Land Development and Chapter 20, Zoning.

Applicants are advised, that if they decide to appeal any decisions made at the meetings or hearings, with respect to any matter considered at the meetings or hearings, they will need a record of the proceedings and, for such purposes, they will need to ensure that a verbatim record of the proceedings is made, at their cost, which includes the testimony and evidence upon which the appeal is to be based, per 286.0105, Florida Statutes.

Application Fees

Fees are as reflected on the Fee Schedule plus actual costs incurred for advertising or notification, and reimbursement for technical, and/or professional services which may be required in connection with the review, inspection, or approval of any development (based on accounting submitted by the City Consultant), payable prior to approval of the pertinent stage of development.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Site Plan Review

THIS APPLICATION MUST BE SIGNED IN THE PRESENCE OF A NOTARY

This is to certify that I am the owner in simple fee of the subject property as described in this application for Site Plan Review.

Property Owner(s) Name (Print): Tuscawilla Property Investors, LLC - Ryan Stahl

Property Owner Signature: _____ Date: 5/9/25

Property Owner(s) Name (Print): _____

Property Owner Signature: _____ Date: _____

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 9th day of May, 20 25, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 5/9/25 (seal):

Notary Public Signature: Kristin Banks

My Commission Expires: June 4, 2027

NOTARY PUBLIC STATE OF FLORIDA
KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: If the applicant is not the property owner the Property Owner shall sign and have their signature notarized below, authorizing the applicant and/or agent permission to submit the Site Plan Review application.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____ Date: _____ (seal):

Notary Public Signature: _____

My Commission Expires: _____

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Development Agreement

The Community Development Director reserves the right to determine whether this application is complete and accurate. An incomplete application will not be processed and will be returned to the applicant. The application shall be reviewed per all applicable City Codes and the City Comprehensive Plan. Applications shall be reviewed for sufficiency (completeness) within thirty (30) calendar days per FL Statue 166.033. Once the application is deemed sufficient, the applicant shall move forward with the Community Workshop, required per Chapter 20–Zoning Sec.20-29.1.

All applicants shall be afforded minimal due process as required by law, including the right to receive notice, be heard, present evidence, cross-examine witnesses, and be represented by a duly authorized representative. Applicants are further advised that a Development Agreement is quasi-judicial in nature. Therefore, APPLICANT ACKNOWLEDGES and AGREES, by signing below, that he or she:

- May be sworn-in as a witness in order to provide testimony to the City Commission;
- Shall be subject to cross-examination by party intervenors (if requested); and
- Shall be required to qualify expert witnesses, as appropriate.

Applicants are encouraged to familiarize themselves with Chapter 2 – Administration Sec. 2-30 of the Winter Springs City Code relating to Quasi-Judicial Rules and Procedures of the City Commission. All Development Agreement recommendations shall be based from the required information/documentation provided, the Winter Springs Code of Ordinances, and the Winter Springs Comprehensive Plan (to the extent applicable).

The City Commission (CC) shall render all final decisions regarding Development Agreements and may impose reasonable conditions on any approved Development Agreement to the extent deemed necessary and relevant to ensure compliance with applicable criteria and other applicable provisions of the Winter Springs Code of Ordinances and the Winter Springs Comprehensive Plan.

REQUIRED INFORMATION

Applicant(s): Tuscawilla Property Investors, LLC

Applicant Signature: _____ Date: 7/21/2025

Mailing address: 630 South Maitland Avenue, Suite 100, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

Property Owner(s): Tuscawilla Property Investors, LLC

Mailing Address: 630 South Maitland Avenue, Suite 100, Maitland FL 32751

Email: RStahl@equinox-development.com

Phone Number: (407) 628-0077

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Development Agreement

Property Address: Northwest corner of FL-434 & Tuskawilla Rd

Parcel ID(s): 01-21-30-5VK-0C00-0000

Parcel Size: 0.12 Acres

Project Name: Wawa At Winter Springs Marketplace

A general description of the relief sought under this division.

The request is to revise the Development Agreement to incorporate the development of parcel 01-21-30-5VK-0C00-0000 per the plans submitted under FDEP-2025-0017.

A brief explanation, with applicable supporting competent substantial evidence and documents, as to why the application satisfies the relevant criteria set forth in the City Zoning Code and City Comprehensive Plan.

This project satisfies the review criteria as proposed under the conditional use, waivers, and aesthetic applications that are currently under review.

List all witnesses that the applicant intends to present to the City Commission to provide testimony:

Cory Sitler and Ryan Stahl

Describe with specificity any evidence which the applicant intends to present to the City Commission, including oral factual testimony, maps, photographs, records or reports and/or expert testimony:

Photos (if needed)

Attach all documentary evidence which the applicant intends to present to the city commission to the back of this application. The Applicant has a continuing duty to update the list of witnesses, description of evidence, and documentary evidence throughout the application process. Additional witnesses or evidence will not be admitted at the city commission hearing if not submitted at least seven (7) days prior to such hearing.

REQUIRED DOCUMENTATION

_X_ A complete Application and Fee

_X_ An Electronic copy of the most recent survey of the subject property.

_X_ An Electronic copy of the Legal Description of the subject property.

_X_ Documentation and Data supporting the request.

CITY OF WINTER SPRINGS
COMMUNITY DEVELOPMENT DEPARTMENT
1126 East State Road 434
Winter Springs, Florida 32708
customerservice@winterspringsfl.org

Application – Development Agreement

CITY LIMITED RIGHT OF ENTRY: By submitting this Application you hereby grant temporary right of entry for City Officials to enter upon the subject property for purposes of evaluating this Application and posting on the subject property.

APPLICANT'S AUTHORIZATION: I desire to make Application for a Development Agreement for the aforementioned project and have read and agree to the terms contained herein. In addition, if the Applicant is a corporate entity, the undersigned hereby represents and warrants that he/she is authorized to act on behalf of, and bind, the corporate entity.

Applicant Name (Print): Ryan Stahl

Applicant Signature: _____ Date: 7.21.25

Business Name: Tuscawilla Property Investors, LLC

Address: Northwest corner of FL-434 & Tuskawilla Rd Parcel ID: 01-21-30-5VK-0C00-0000

STATE OF Florida COUNTY OF Orange

The foregoing instrument was acknowledged before me this 21st day of July, 2025, by Ryan Stahl who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

Kristin Banks Date: 7/21/2025 (seal):

Notary Public Signature: Kristin Banks

My Commission expires: June 4, 2027

NOTARY PUBLIC STATE OF FLORIDA

KRISTIN BANKS
Commission # HH 405810
Expires June 4, 2027

Note: The Property Owner shall sign and have their signature notarized below if the Applicant is not the owner of the subject property.

Property Owner's Name (Print): _____

Property Owner Signature: _____ Date _____

STATE OF_____ COUNTY OF _____

The foregoing instrument was acknowledged before me this_____day of_____, 20____, by _____ who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

_____ Date: _____ (seal):

Notary Public Signature: _____

My Commission expires: _____

Winter Springs Marketplace Additional Parking

City Commission

John Rabon, J.D., M.P.A

Senior Planner

Background

Property Address: 180 Tuskawilla Road
(± 1.22 acres)

May 6, 2025: Preapplication Meeting (PREM-2025-0022)

May 9, 2025: Site Plan Application
(FEDP-2025-0017)

July 21, 2025: Development Agreement Application (DVAG-2025-0011)

July 29, 2025: Public Notice Letters and Signage

Applicant: Tuskawilla Property Investors, LLC

Background

- Located at 180 Tuskawilla Rd.
- Proposal is to add ten (10) additional parking spaces as well as an entrance to the Winter Springs Marketplace off of Roberts Family Ln.
- Property is zoned Town Center District, T-5 Transect.
- Applicant has submitted a Final Engineering/Site Plan application and a Development Agreement Application.



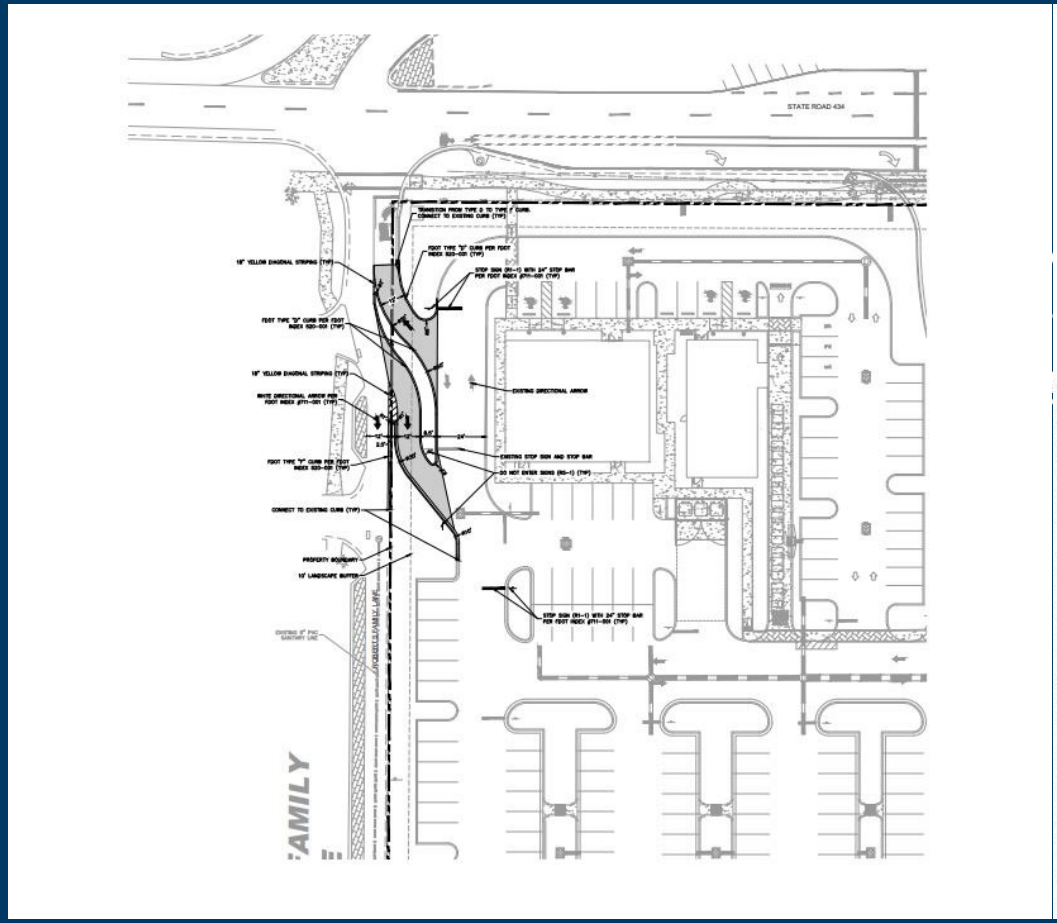
Winter Springs Marketplace Additional Parking
FEDP-2025-0017

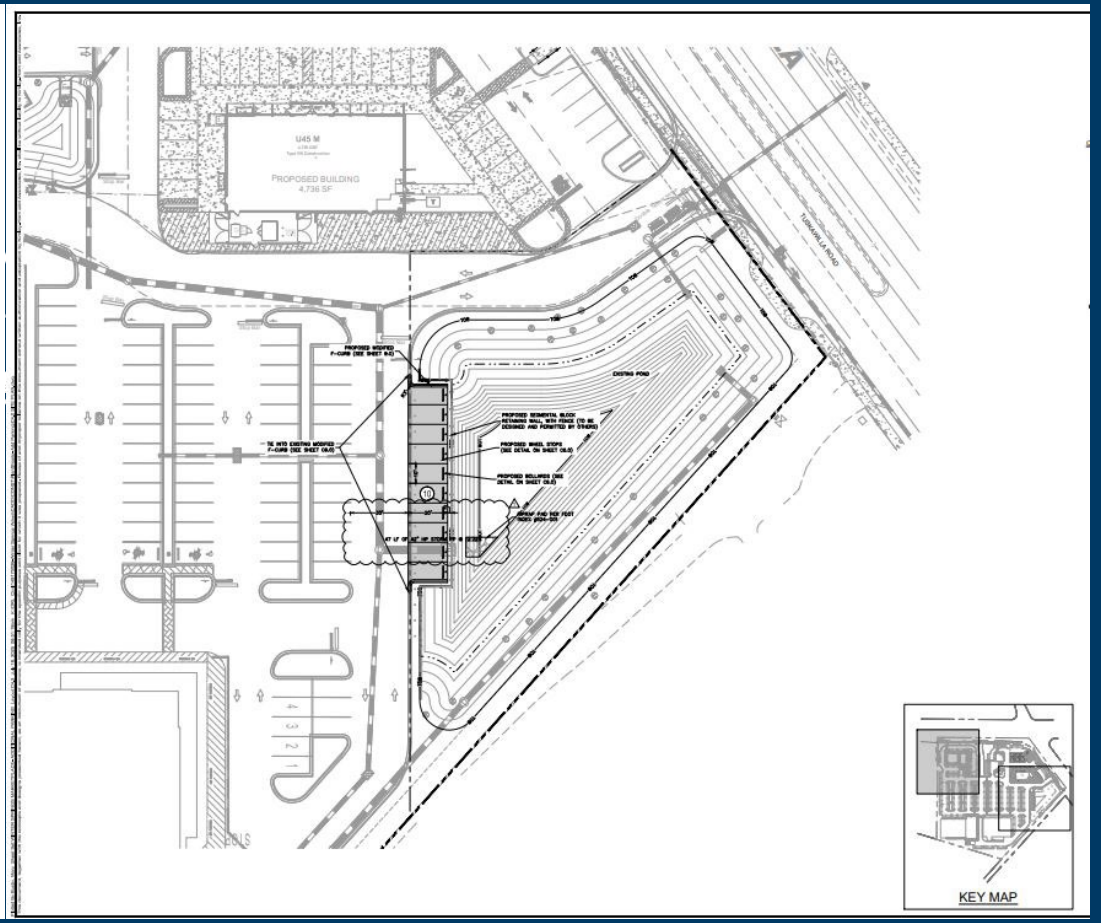
AGENDA ITEM 401

City Commission

October 13, 2025

Site Plan





Winter Springs Marketplace Additional Parking
FEDP-2025-0017

AGENDA ITEM 401

City Commission

October 13, 2025

Proposed Conditions

Staff recommends the Planning & Zoning Board approve FEDP-2025-0017 with the following conditions:

1. Execution of the Development Agreement.
2. Construction on the site shall not begin until the stormwater permit from St. Johns River Water Management District is approved.
3. All grass on the Property shall be Bahia grass. No St. Augustine grass or grass types with low drought tolerance shall be permitted.

Note: A Right-of-Way Permit will be required for work on Roberts Family Lane.

Winter Springs Marketplace Additional Parking
FEDP-2025-0017

AGENDA ITEM 401

City Commission

October 13, 2025

ANY QUESTIONS?

COMMUNITY DEVELOPMENT

REGULAR AGENDA ITEM 500

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Electric Vehicle Charging Discussion

SUMMARY

At the request of Commissioner Bruce City staff has gathered information on Electric Vehicle charging infrastructure.

The following is EV Charger information received from discussions with Mr. Ben Pauluhn President of Optimus Energy Solutions.

Financial Model Options

Direct Purchase Option:

- Cost: $75,000 per charger through Sourcewell procurement.
- The City of Winter Springs would own and operate the infrastructure
- Full Revenue retention but the City would also be fully responsible operations
- Upfront capital investment required

Public-Private Patnership (Optimus Model):

- Zero upfront cost to the City
- 10 year minimum operating agreement
- City receives 5% revenue share
- Private partner handles all operations, maintenance, and utility costs
- Typically requires a minimum scope of 6 to 10 chargers

Key Discussion Points:

Location Strategy: Where would these charging hubs best serve residents and visitors? Consider proximity to shopping, dining, municipal facilities, recreation amenities, and major traffic corridors.

Demand Analysis: What's the current and projected EV adoption rate in Winter Springs? How does this align with the planned 6-8 private DC stations already in development?

Revenue Projections: What kind of income could the city expect from the 5% revenue share? How does this compare to the ongoing costs if the city owned the stations directly?

Contract Terms: The 10 years commitment is significant - what happens at the end of the term? Are there performance guarantees or maintenance standards built-in?

Coordination Opportunities: How might the city's charging infrastructure complement the private development? Could there be strategic positioning to avoid oversaturation while ensuring adequate coverage?

FUNDING SOURCE

N/A

RECOMMENDATION

City staff is recommending the Commission review the information presented and provide further direction.

REGULAR AGENDA ITEM 501

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Consideration of Presenting Charles Lacey with a Key to the City

SUMMARY

Commissioner Victoria Bruce requested this item be included on the agenda for consideration by the City Commission.

FUNDING SOURCE

RECOMMENDATION

Staff recommends the City Commission discuss and provide direction.

REGULAR AGENDA ITEM 502

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

Matters Related to Boards and Committees

SUMMARY

The City Clerk Department wishes to inform the City Commission of the following vacancies:

Per Section 2-41(e) of the City Code*, *"If any commissioner fails to appoint a member within thirty (30) days after a vacancy occurs or a term expires, that seat shall be filled by a majority vote of the commission."

CURRENT VACANCIES:

- **Oak Forest Wall and Beautification District Advisory Committee**
  - Seat Three: Term Expires August 31, 2027
  - Seat Four: Term Expires August 31, 2026

FUNDING SOURCE

RECOMMENDATION

Staff requests the vacancies on Seat Three and Four of the Oak Forest Wall and Beautification District Advisory Committee be filled by Commissioners Baker and Resnick, respectively.

REGULAR AGENDA ITEM 503

CITY COMMISSION AGENDA | OCTOBER 13, 2025 REGULAR MEETING

TITLE

New Business

SUMMARY

Pursuant to Sec 2-27 (c)(2) of the City Code, "Unless otherwise determined by the city commission, each regular agenda shall include a new business section, placed in the order on the agenda approved by the city commission, which provides the mayor, any city commissioner, city manager or city attorney an opportunity to briefly introduce new issues not on the agenda solely for the purpose of requesting that the city commission direct the city manager to further evaluate and prepare the item for placement on a future agenda as a commission- directed item. The new business section shall not be used to present items requiring prior public notice or hearing, for reports allowed under subsection (m), or be used as a substitute for timely placing items on the agenda prior to the agenda packet being distributed or as an add-on item as required by subsection (b). The city commission will not take final action on any new business item other than deciding whether the item should be placed on a future agenda.

Persons introducing new business items are encouraged to provide background information regarding the item prior to or at the meeting in the same manner as permitted for reports under subsection (m)(4)."

FUNDING SOURCE

RECOMMENDATION

N/A

Docusign Envelope ID: 31571C89-0644-48C0-B9A8-8354F179F810

CONTRACT EXTENSION

Contract Number: 091521-NAF

Sourcewell
202 12th Street Northeast
P.O. Box 219
Staples, MN 56479
(Sourcewell)

and

National Auto Fleet
490 Auto Center Dr

Watsonville, California
(Vendor)
95076-3726

have entered into Contract Number: 091521-NAF
for the procurement of: Automobiles, SUVs, Vans, and Light Trucks with Related Equipment and Accessories

The Contract has an expiration date of 2025-11-08 , but the parties may extend the Contract by mutual consent.

Sourcewell and Vendor acknowledge that extending the Contract benefits the Vendor, Sourcewell and Sourcewell's Members. Vendor and Sourcewell agree to extend the Contract listed above for an additional period, with a new Contract expiration date of 2026-11-08 . All other terms and conditions of the Contract remain in full force and effect.

Sourcewell

Signed by:
Jeremy Schwartz
C0FD2A139D06489...
Authorized Signature

Jeremy Schwartz
Name

Chief Operating and Procurement Officer
Title

5/29/2025 | 12:25 PM CDT
Date

Signed by:
FACBB5730C1E467...
Authorized Signature

Jesse Cooper
Name

Fleet Manager
Title

5/30/2025 | 10:38 AM CDT
Date