ABINGTON TOWNSHIP

OCTOBER 13, 2022

BOARD OF COMMISSIONERS
REGULAR PUBLIC MEETING

TOWNSHIP OF ABINGTON

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

A G E N D A
October 13, 2022
7:00 PM

There are three ways for the public to participate in the meeting: in-person, online or by phone. Residents who wish to attend in person can do so in the Abington Township Board Room located at 1176 Old York Road, Abington, PA 19001, 2nd Floor. Alternative means of public participation are offered for those who do not wish to or are unable to attend the meetings in person. Residents who wish to participate in the meeting remotely can access the meeting online by a computer, iPad, iPhone, or Android at https://us06web.zoom.us/j/88216803878. This link will enable residents to hear the meeting, see presentations, and ask questions. There will be no video interaction capabilities. Residents, who are unable to join online, can listen to and participate in the meeting by calling 1-929-436-2866 and entering the meeting ID number 882-1680-3878 when prompted.

CALL TO ORDER

ROLL CALL, *BRODSKY, ROTHMAN, DIPLACIDO, VAUGHN, THOMPSON, WINEGRAD, HENRY, ZAPPONE, CARSWELL, SPEIGELMAN, BOLE, SCHREIBER, BOWMAN, VAHEY, HECKER*

PLEDGE OF ALLEGIANCE

BOARD PRESIDENT ANNOUNCEMENTS

PUBLIC COMMENT ON AGENDA ITEMS

CONSENT AGENDA

a. Motion to approve the Minutes from the Board of Commissioners Regular Meeting of September 8, 2022.

b. BOC-01-101322 Motion to award the Abington Township 2023 Calendar printing bid to the Homer Group in the amount of $32,000.00 to print 22,000 Township calendars.

c. BOC-02-101322 Motion to award a contract to G&B Construction to complete the CDBG-funded Old Welsh Road Sidewalk Improvement Project in the amount of $350,000.

d. BOC-03-101322 Motion to advertise a Traffic Safety Ordinance amending Chapter 156 - "Vehicles and Traffic," Article II - "Traffic Regulations," Section 14 - "Stop Intersections, Article III - "Parking Regulations," Section 25 - "Parking Prohibited at all Times; No Parking Between Signs; No Parking Here to Corner; Parking Prohibited Except Certain Hours; No Stopping or Standing," Section 27 - "Parking Time Limited and Section 28 - "Special Purpose Parking Zones" to add a stop sign on Glen Road at Harte Road, No Parking Here to Corner on Miriam Avenue at Birchwood Avenue, 2-Hour Parking on the North side of Tauge Avenue between 2315 and 2327 and to add Handicapped Parking signs on Tulpehocken Avenue in front of 204 Tulpehocken and Tyson Avenue in front of 820 Tyson Avenue.

e. BOC-04-101322 Motion to approve the escrow release request #2 for LD-16-06, 1235 Meinel Road Subdivision in the amount of $354,681.14

f. BOC-05-101322 Motion to approve the escrow release request #1 for SD-20-02, 1231 Susquehanna Road Subdivision in the amount of $178,401.00.

g. BOC-06-101322 Motion to reject the 2022 Recycling Services Paper Hauling, Processing and Marketing Bid submitted by Newman and Co., on September 19, 2022.

UNFINISHED BUSINESS

NEW BUSINESS

a. BOC-07-101322 Motion to advertise an Ordinance for a Zoning Text Amendment to create the AR - Age-Restricted Carriage Home Overlay District and a Zoning Map Amendment to rezone certain parcels on the northeast side of Fox Chase Road as AR - Age-Restricted Carriage Home overlay.

b. BOC-08-101322 Motion to appoint candidates ranked 1, 2, 3, 4 and 5 from the Civil Service Eligibility list to the position of Probationary Police Officer provided they successfully complete the background investigation, physical and psychological exams and all entry requirements of the Municipal Police Officer's Education and Training Commission for Act 120 Training effective October 31, 2022.

c. BOC-09-101322

Motion to grant amended final subdivision approval for 629 Roslyn Avenue, such that the following additional waivers are granted with respect to newly created Lot 2, also know as 625 Roslyn Avenue, Tax Map Parcel Number 30-00-59356-01-4, subject to the conditions set forth in the Executive Summary:

1. Section 146-27.A- Sidewalks
2. Section 146-27.F - Curbs

d. BOC-10-101322 Motion to adopt Ordinance No 2197 amending the Code of the Township of Abington at Part II [General Legislation], Chapter 146 [Subdivision and Land Development], by amending and restating Article III [Plan Application Requirements] and Article IV [Plan Review Procedures] and adding Article VIII [Waiver of Land Development] to create additional exemptions of the Land Development process, to create a process for notification of property owners and residents regarding the review of Land Development application by the Planning Commission, and to create a process for a waiver of Land Development.

e. BOC-11-101322 Motion to adopt the substantial amendments to the 2015, 2017, 2018, 2019, 2020, and 2021 CDBG Annual Action Plans as presented at the July 14, 2022 Board of Commissioners meeting.

FINANCE COMMITTEE

a. Receive Treasurer's Report: Township Treasurer, Jay W. Blumenthal

b. FC-01-101322 Consider a motion to approve the August 2022 expenditures in the amount of $2,286,452.23 and salaries and wages in the amount of $2,155,850.92, and authorizing the proper officials to sign vouchers in payment of bills and contracts as they mature through the month of November 2022.

(Motion and Roll Call)

c. FC-02-101322 Consider a motion to select The Hartford as the Life and Disability Insurance provider for the Township effective November 1, 2022.

PUBLIC COMMENT

ADJOURNMENT

BOARD POLICY ON PUBLIC PARTICIPATION

For Information Purposes Only

The Township shall conduct business in accordance with the Commonwealth of Pennsylvania Laws governing the conduct of public meetings and only establish guidelines that shall govern public participation at meetings consistent with the law.

Each commenter shall:

- Direct their comments to the Presiding Officer;
- Speak from the podium or into a microphone designated by the presiding officer;
- State their name for the record;
- Either orally or in writing provide their address for the record;
- Have a maximum of three minutes to make their comments. Each commenter when speaking to a specific agenda item, is to keep their comments relative to that identified agenda item;
- Speak one time per agenda item;
- When commenting on non-agenda items, the commenter is to keep their comments related to matters of the Township of Abington, Montgomery County, Pennsylvania.
- State a question to the Presiding Officer after all commenters have spoken, and;
- Be seated after speaking or upon the request of the presiding officer;
- Not engage in debate, dialogue or discussion;
- Not disrupt the public meeting, and;
- Exercise restraint and sound judgement in avoiding the use of profane language, and the maligning of others.

The stated meeting of the Board of Commissioners of the Township of Abington was held on Thursday, September 8, 2022, via webinar and in-person at the Township Administration Building, Abington, PA, with President Hecker presiding.

CALL TO ORDER: 7:00 p.m.

ROLL CALL: Present: Commissioners BRODSKY (7:37 p.m.), ROTHMAN, DiPLACIDO, VAUGHN, THOMPSON, WINEGRAD, HENRY, ZAPPONE, SPIEGELMAN, BOLE, SCHREIBER, BOWMAN, VAHEY, HECKER
Excused: Commissioner CARSWELL

Also Present: Township Manager MANFREDI
Township Solicitor CLARKE

PLEDGE OF ALLEGIANCE

BOARD PRESIDENT ANNOUNCEMENTS: None.

PUBLIC COMMENT ON AGENDA ITEMS:

Lora Lehmann, resident, expressed concern about the amount of speaking time; also, about the Old York and Susquehanna Road project where neighbors need to be notified of any demolition and asbestos removal next to their property.

Commissioner Spiegelman clarified that regarding the Old York Road and Susquehanna project, awarding the contract for demolition and any hazardous material abatement is what opens the door for making this a transparent and public-facing process for the neighbors, so once the contract is awarded, then the plans will be laid out and the schedule will be made.

There will be a meeting with the neighbors, Township staff and representatives from the demolition company to inform residents on what they can expect from the demolition process, the schedule as well as have their questions and concerns addressed.

In addition, the most important part of the project is the intersection improvements making one of the worst intersections become one of the best and most functional after the project is completed.

CONSENT AGENDA:

Vice President Vahey made a MOTION, seconded by Commissioner Schreiber to approve Items a. – e. as listed under Consent Agenda as follows:

To approve the minutes of the Board of Commissioners Regular Meeting and Special Meeting of August 11, 2022.

To approve the sale of Parks Department small engine equipment at JJ Kane Auctions in Plymouth Meeting, PA.

To accept a grant award from the Bureau of Highway Safety and Traffic Engineering in the amount of $183,715.00 and adopt Resolution No. 22-023 authorizing the Township Manager to submit the necessary applications.

To approve escrow release request #1 for LD-19-08 Galman Residential in the amount of $334,916.40.

To approve the escrow release request #1 for LD-16-06, 1235 Meinel Road Subdivision in the amount of $82,067.63.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

UNFINISHED BUSINESS: None.

NEW BUSINESS:

Item BOC-05-090822:

Vice President Vahey made a MOTION, seconded by Commissioner Spiegelman to approve advertisement of an ordinance amending the Code of the Township of Abington at Part II [General Legislation], Chapter 146 [Subdivision and Land Development], by amending and restating Article III [Plan Application Requirements] and Article IV [Plan Review Procedures] and adding Article VIII [Waiver of Land Development] to create additional exemptions of the land development process, to create a process for notification of property owners and residents regarding the review of land development applications by the Planning Commission, and to create a process for a waiver of land development.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

Item BOC-06-090822:

Vice President Vahey made a MOTION, seconded by Commissioner Spiegelman to adopt Resolution No. 22-024 approving an Intergovernmental Cooperative Cost Sharing Agreement between Jenkintown Borough and Abington Township.

President Hecker asked for any comments from Commissioners.

Commissioner Winegrad commented that Jenkintown Borough has already approved this cost-sharing agreement, and he asked his fellow Board members to do so as well.

MOTION was ADOPTED 13-0.

Item BOC-07-090822:

Vice President Vahey made a MOTION, seconded by Commissioner Zappone to accept the 902 Development & Implantation of Municipal Recycling Programs Grant – Abington Township 202109241338 – Leaf and Yard Waste Collection Program in the amount of $350,000.00 and designate eight (8) signatories and a witness to e-sign the grant agreement and supporting documents through separate accounts with the Department of Environmental Protection Grants Center.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

Item BOC-08-090822:

Vice President Vahey made a MOTION, seconded by Commissioner Spiegelman to award the 1100 Old York Road bids for the Abatement of Hazardous Materials of Existing Structures to Plymouth Environmental Co., in the amount of $152,000 and for the Demolition of Existing Structures to BRB Contractors in the amount of $168,500.

President Hecker asked for any comments from Commissioners.

Commissioner Spiegelman commented that there will finally be visible progress on the Old York and Susquehanna Road project, and he asked his fellow Board members to vote in favor of this agenda item. As soon as he receives information from the contractors, the neighbors will be informed as this will be a public facing process.

MOTION was ADOPTED 13-0.

Item BOC-09-090822:

Vice President Vahey made a MOTION, seconded by Commissioner Winegrad to adopt Ordinance No. 2198 – Updating Fees for Collection of Delinquent Municipal Refuse and Sewer Claims on behalf of the Township of Abington and amending Chapter 92 – "Garbage, Rubbage and Refuse," at Section 19 – "Payment of Fees; Collection," subsection E – "Schedule of Fees," and Chapter 132 – "Sewers and Sewage," at Article VIII – "Rules and Regulations," Section 45 – "Annual Rate or Rental," subsection 3 – "Billings; Payment of Current Bills; Delinquent Collection Procedures and Fees for Collection of Delinquent Accounts," subsection 5 - "Schedule of Fees," and the Amendment of Agreement for Collection of Delinquent Municipal Claims on behalf of the Township of Abington.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

FINANCE COMMITTEE:

Receive Treasurer's Report:

Township Treasurer Jay W. Blumenthal reported that monies received from various departments deposited into Republic Bank in August 2022 totaled $2,991,002 as compared to last year of $3,437,083 representing a decrease of ($446,081); YTD there was a net increase of $6,423,473. Real estate taxes transferred to Finance Department totaled $44,192 for the month of August 2022 as compared to last year of $48,891 representing a decrease of ($4,699). 97% has been collected with a balance of 3%.

Item FC-01-090822:

Commissioner Winegrad made a MOTION, seconded by Commissioner Spiegelman to approve the July 2022 expenditures in the amount of $2,758,940.63 and salaries and wages in the amount of $3,221,328.12 and authorize the proper officials to sign vouchers in payment of bills and contracts as they mature through the month of October 2022.

Roll call resulted in motion being passed 13-0. Commissioner Carswell and Commissioner Brodsky were absent during roll call.

Item FC-02-090822:

Commissioner Winegrad made a MOTION, seconded by Vice President Vahey to adopt Resolution No. 22-025 recognizing that the Township's minimum municipal funding obligation for the calendar year 2023 with respect to the Municipal Non-Uniformed Employee, Police and Non-Uniformed Employee Defined Contribution Plans is $741,081.00, $3,269,009.00, and $250,000.00, respectively.

Manager Manfredi explained that every year there is a minimum municipal funding obligation that the Township must make towards each of the pension plans that is based on an actuarial valuation report.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

Item FC-03-090822:

Commissioner Winegrad made a MOTION, seconded by Vice President Vahey to ratify NFP Corporate Benefits, PA as the broker of record for all Medicare lines of coverage.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

Item FC-04-090822:

Commissioner Winegrad made a MOTION, seconded by Vice President Vahey to continue with United Healthcare as the retiree medical plan provider effective January 1, 2023.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

Item FC-05-090822:

Commissioner Winegrad made a MOTION, seconded by Vice President Vahey to approve the revised appropriation for ARPA funded Refuse truck.

President Hecker asked for any comments from Commissioners. There were none.

MOTION was ADOPTED 13-0.

Commissioner Brodsky entered the meeting at 7:37 p.m.

PUBLIC COMMENT:

Mike Tobin, resident, asked about property tax revenue being "down," and for the status on the matter of the Willow Grove Mall as well as the ordinance regarding working on Township projects where 75% of the employees need to go through an apprenticeship program.

President Hecker replied that at a recent meeting it was announced that the Board of Commissioners does not intend to move forward to formally review the proposal regarding the Willow Grove Mall. The second ordinance referenced will likely come back before the Board at some point and will be advertised at that time.

Mr. Blumenthal replied that property tax revenue is not down as collections are a matter of timing, and 98% collection rate will be reached by the end of the year.

Ross Able, resident, requested that the Board add a budget line item to create a more thorough bicycle and sidewalk master plan identifying protected lanes with emphasis on connectivity between parks, transit and shopping districts as well as identify funding opportunities. To fight climate change would be to support transportation alternatives such as bike riding and more walkable area.

Also, he asked the Board to update the accessory dwelling unit specifications to be less restricted to support more flexibility for homeowners to meet the increasing demand of housing options; and for Alverthorpe Park to be opened by the art center so more people can enjoy the park; and for the Township to work with Jenkintown and PennDOT to slow traffic on Rt. 611 near Jenkintown.

A resident from the Hollywood section expressed concern about traffic, and that a lot of apartments are being built; there are not enough jobs; grocery stores are empty, and to "think about how we are changing Abington because we will not get the chance to change it back."

Lora Lehmann, resident, expressed concern that we have an "affordable" housing crisis. Also, she asked for all development meetings to be filmed and archived.

Steve Borland, resident, expressed concern about the amount of traffic on his street especially during the Rockledge Car Show where traffic is directed down Shady Lane, and every year, he asks if they would detour it through their own borough. He requested that the Board of Commissioners contact Rockledge Borough officials asking if they would do something about it this year.

Commissioner Rothman replied although there may not be too many alternatives regarding the car show situation; he will encourage Borough officials to see what they can do about it on that date.

Rick Bruce, resident, suggested altering traffic away from Pine so that traffic does not go down Shady Lane on that particular day.

ADJOURNMENT: 7:41 p.m.

Respectfully submitted,

Liz Vile, Minutes Secretary

The following ordinance and resolutions were adopted by the Board of Commissioners on September 8, 2022:

Ordinance No. 2198
Resolution No. 22-023
Resolution No. 22-024
Resolution No. 22-025

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-01-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☑ No ☐
Administration		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☑ No ☐

AGENDA ITEM:

2023 Abington Township Calendar

EXECUTIVE SUMMARY:

Each year the Township solicits bids from printing companies for the printing of the Township calendar. The Township prints 22,000 calendars for distribution to Township residents. The Homer Group was the sole bidder on the RFQ. The Homer Group has printed the calendar for the last five years. This year's cost difference is due to supply chain issues and challenges within the current paper market.

PREVIOUS BOARD ACTIONS:

N/A

RECOMMENDED BOARD ACTIONS:

Motion to award the Abington Township 2023 Calendar printing bid to the Homer Group in the amount of $32,000.00 to print 22,000 Township calendars.

Abington Township FY 2023 Calendar Request for Quotes Results

	Option 1	Option 2
The Homer Group		
22k Color 11 x 8.5	$ 37,610*	$ 32,000*
Page substituted after proof inspection	$ 45.00	$ 45.00
AA Charges	$ 95.00	$ 95.00
Price Per Scan	$ 15.00	$ 15.00
Pre-Press Hourly Rate	$ 95.00	$ 95.00

* Price to be confirmed at time of acceptance of contract and is subject to change.

TOWNSHIP OF ABINGTON REQUEST FOR QUOTE

From: Ashley McIlvaine
267.536.1004
amcilvaine@abingtonpa.gov

Date: August 23, 2022

Subject: Abington Township 2023 Calendar

Would you please provide a quote for the following project by Friday, September 9, 2022? Please do not hesitate to contact me with questions.

Thank you!

REQUEST FOR QUOTATION

Quotes for furnishing by offset printing process twenty-two thousand (22,000) copies of the 2023 Abington Township Calendar are requested by

Friday, September 9, 2022.

Quotes must be submitted on forms furnished by the Township.

Richard J. Manfredi

Township Manager

By Order of the Board of Commissioners Township of Abington

Township of Abington
1176 Old York Road, Abington, PA 19001
Ashley McIlvaine, Assistant Township Manager
Telephone: 267-536-1004, Fax: 215-884-8271
E-mail: amcilvaine@abingtonpa.gov

GENERAL CONDITIONS

Right to Know Law. As of January 1, 2009 certain changes to the Pennsylvania Right-to- Know Law took effect. In essence, the law provides for the access of government public records to legal residents of the United States. If you submit a quote, please be aware that under the Right-to- Know Law all submitted documents will be subject to disclosure upon a request. If you are the successful contractor, documents in your possession which directly relate to the governmental function of Abington Township and are not otherwise exempt under the Right-to-Know Law may be considered a public record and may be subject to disclosure.

Schedule. Submit proposal on forms supplied by the Township of Abington by Friday, September 9, 2022.

Selection. Abington Township will, in its sole discretion, award a contract for the Township Calendar 2023 based upon the proposals submitted pursuant to Option 1 or 2 as set forth hereinbelow. The Township will only select one of the two printing options listed as "Option 1" and "Option 2" below. The anticipated date of award is October 14, 2022. The Township reserves the right to reject any and all proposals and to make such award as appears most advantageous to the Township.

Press Run. 22,000 via offset process. Sheet fed, no web process. Do not under-run or over-run. The entire project must be completed by the printer "in-house" and "under one roof".

Performance Guarantee. The Vendor must furnish a form of 100% surety in the full amount of liability under the contract to guarantee performance of the contract, within ten (10) days of issuance by Abington Township of a Notice of Intent to Award the contract. Upon failure to furnish 100% surety within such time, the Township will reject the contract. Abington Township will accept one of three acceptable forms of surety in the full amount of the contract, at the Vendor's option. The first is a performance bond issued by an approved surety company authorized to transact business within Pennsylvania, with proof of same, including agent's power of attorney evidencing agent's authority to execute the bond and bearing the seal of the surety company, in the form included with this RFQ. The second is an irrevocable letter of credit from a bank authorized to transact business within Pennsylvania, in form satisfactory to the Township's Solicitor, guaranteeing that the full amount of the contract remains in an account until the successful publication of the annual report and calendar. The third is a certified check for the full amount of the contract, which the Township will return after the successful completion of the project.

AA's. Any printer's error found by the Township will be corrected by the printer without cost to the Township. All corrections made by the Township must be authorized in writing by initials of the editor **during production.** The Township will pay legitimate AA charges when each is previously authorized by said party and when charges are itemized by printer.

PROJECT DEADLINES

Production Schedule without packaging and mailing. Materials furnished by the Township of Abington as described below to be delivered to Contractor on or before **November 10, 2022.** Finished product as determined per terms of quotation to be complete on or before **December 5, 2022** and delivered to receiving destination (Red Sky Marketing Group, 2641 Mt. Carmel Ave., Glenside PA, 215-576- 5874) on or before **December 5, 2022.**

Production Time. Prior to final presswork, printer must supply a color proof within four days after receipt of mechanicals from Township. PRINTER MUST SCHEDULE PRESS RUN AND BINDERY OPERATION SO IT COMMENCES PROMPTLY UPON RECEIPT OF APPROVAL OF FINAL COLOR PROOF FROM TOWNSHIP. Total time of printing, folding, and binding should not exceed ten (10) working days. **The absolute deadline for delivery to Red Sky Marketing Group is Monday, December 5, 2022.**

WORK AND MATERIALS PERFORMED /FURNISHED BY TOWNSHIP

1. **All materials to be returned to Township**
2. Delivery Format. The Township will supply copy by digital file
3. Printer will be responsible for sizing, scanning, and placing various types of artwork.

Preparation and Presswork. Usual and customary proofs and plates. Two-sided offset printing for all pages including cover in:

1. 2 PMS ink colors; Soy ink is mandatory; Cover, page 1 picture, and ward map in color.
2. Full color cover, colored images and colored ward map.

No web process only sheet fed.

White Stock Option 1. Forty four (40) text pages - 11" x 8.5" (ten sheets, 11" x 17") 80-lb Rolland Opaque Text, Bright White, Smooth (FSC Certified); four-page cover (one sheet, 11" x 17"), Montauk 80-lb Gloss Cover (FSC Certified). The calendar is a total of 44 pages. **Stock samples must accompany quote.**

White Stock Option 2. Forty four (40) text pages - 11" x 8.5" (ten sheets, 11" x 17") 80-lb Silk Text Stock, Bright White (FSC Certified); four-page cover (one sheet, 11" x 17"), Montauk 80-lb Gloss Cover (FSC Certified). The

calendar is a total of 44 pages. **Stock samples must accompany quote.**

Note: FSC Certified Logo may not appear in the address area. No additional gloss should be added to the address area.

Finish. Suitable for self-mailing with new postal regulations. All sheets collated and folded to page size 11" x 8.5," saddle stitch binding, and 0.25" diameter hole centered at least 0.5" from opposite edge and trim as necessary **(Note: Hole should not cover any print).**

Packing and Delivery. By Vendor's carrier: Finished product to be packed with same number of pieces (multiple of 25) per carton and delivered to Red Sky Marketing Group., 2641 Mt. Carmel Avenue, Glenside, PA 19038, 215-576-5874. Cartons should be packed on skids.

Note: Lift gate is required on receiving end- no loading dock available.

OPTION 1: SERVICES DESCRIBED ABOVE **WITH WHITE STOCK OPTION 1**	**COST**
1. 22,000 (as described above) 2 PMS Soy Ink Colors with Full Color on Front Cover, page 1 picture, ward map, and colored images such as monthly photos and logos.	$
OPTION 1: POSSIBLE ADDITIONAL COSTS AND/OR ADD-ONS TO TOWNSHIP	**COST**
1. Page Substituted after Proof Inspection	**$**
2. AA Charges	**$**
3. Price per Scan	**$**
4. Pre-Press Hourly Rate	**$**

OPTION 2: SERVICES DESCRIBED ABOVE **WITH WHITE STOCK OPTION 2**	**COST**
1. 22,000 (as described above) 2 PMS Soy Ink Colors with Full Color on Front Cover, page 1 picture, ward map, and colored images such as monthly photos and logos.	$
OPTION 2: POSSIBLE ADDITIONAL COSTS AND/OR ADD-ONS TO TOWNSHIP	**COST**
1. Page Substituted after Proof Inspection	**$**
2. AA Charges	**$**
3. Price per Scan	**$**
4. Pre-Press Hourly Rate	**$**

ABINGTON TOWNSHIP 2023 CALENDAR

CERTIFICATION

We understand the importance of the 2023 Calendar to the residents, elected officials, and management of the Township of Abington and that nothing less than top-quality work will be accepted from us as printers.

We further understand and agree that the Township of Abington is not obligated to accept the lowest or any quotation, and that if we are the successful contractor, and if we fail to perform the contract as required, we will forfeit the performance bond, letter of credit or certified check in the amount of the contract as awarded by the Township.

Name of Company: _____

Street Address: _____

City:_____ State:_____ Zip: _____

Telephone #: (_____) - _____ Fax #: _____

Signature: _____Date: _____

Title: _____

Contact Person: _____

ABINGTON TOWNSHIP 2023 CALENDAR

AFFIDAVIT

(This Affidavit is part of the Proposal)

State of _____ §

County of _____

_____

(Typed Name)

being duly sworn, deposes and says that he or she reside at:

_____

(Street, City, State, Zip)

that he or she is the _____ who signed the above proposal,
(Title)
that he or she is duly authorized to sign, and that the quote is the true offer of the printing company; that the seal attached is the seal of the printing company, and that all the declarations and statements contained in the quote are true to the best of his or her knowledge and belief.

Sworn to and Subscribed to before me this _____day of _____, 2022.

(SEAL)

_____

Signature Notary Public

_____

My Commission Expires:

ABINGTON TOWNSHIP 2023 CALENDAR

NON-COLLUSION AFFIDAVIT

Job Title _____

State of _____

§

County of _____

I state that I am _____ of _____
(Name and Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the price(s) and the amount of this quote.

I state that:

1. The price(s) and amount of this quote have been arrived at independently and without consultation, communication or agreement with any other contractor, contractor or potential contractor.

2. Neither the price(s) nor the amount of this quote and neither the approximate price(s) nor approximate amount of this quote, have been disclosed to any other firm or person who is a contractor or potential contractor, and they will not be disclosed before opening.

3. No attempt has been made or will be made to induce any firm or person to refrain from quoting on this contract, or to submit a quote higher than this quote, or to submit any intentionally high or noncompetitive quote or other form of complementary quote.

4. The quote of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive quote.

5. _____ its affiliates, subsidiaries, officers,
(Name of Firm)
directors and employees are not currently under investigation by any government agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to submitting a proposal on any public contract, except as follows:

ABINGTON TOWNSHIP 2023 CALENDAR

I state that_____, understands and
(Name of Firm)
acknowledges the above representations are material and important, and will be relied on by

Abington Township in awarding the contract(s) for which this quote is submitted. I
(Entity)

understand and my firm understands that any misstatement in this affidavit is and shall be treated

as fraudulent concealment from Abington Township of the true facts
(Name of Public Entity)

relating to the submission of quotes for this contract.

_____
Signature

_____
(Typed Name and Title)

Sworn to and subscribed to before me this _____day of_____, 2022.

(SEAL)

_____
Signature of Notary Public

_____
My Commission Expires

PERFORMANCE BOND

Know all men by these presents that we _____, as Principal (the "Principal"),

and _____, a corporation

organized and existing under the Laws of the State of Pennsylvania as Surety (the "Surety"), are held and firmly bound unto **Abington Township Montgomery County, Pennsylvania** as Obligee (the "Obligee"), as hereinafter set forth in the full and just sum of
_____ Dollars ($_____)

Lawful money of the United States of America, for the payment of which sum we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas, the Principal has by written agreement dated _____, 2022 (The "Proposal"), to perform certain work for the Obligee, pursuant to Plans, Specifications, and other related documents constituting the Contract Documents, which are incorporated into the Proposal by reference (the "Contract Documents"); and

Whereas, the Contract Documents require that, before an award shall be made to the Principal by the Obligee in accordance with the Proposal, the Principal shall furnish the Bond to the Obligee, with this Bond to become binding, upon the award of a contract to the Principal by the Obligee in accordance with the Proposal; and

Whereas, under the Contract Documents, it is provided, inter alia, that if the Principal shall furnish this Bond to the Obligee, and if the Obligee shall make an Award to the Principal in accordance with the Proposal, then the Principal and the Obligee shall enter into an agreement with respect to performance of such work (the "Agreement"), the form of which Agreement is set forth in the Contract documents.

Now, therefore, the terms and conditions of the Bond are and shall be that if; the Principal will, truly and faithfully shall comply with and shall perform the Agreement in accordance with the Contract Documents, at the time and in the manner provided in the Agreement and in the Contract Documents, and if the Principal shall satisfy all claims and demands incurred in or related to the performance of the Agreement by the Principal, or growing out of the performance of the Agreement by the Principal, and if the Principal shall indemnify completely and shall save harmless the Obligee and all of its officers, agents and employees from an damages, loss or

injury, costs, charges, expenses, additional architectural charges and attorney's charges or engineering expenses which the Obligee and all of its officers, agents and employees may sustain or suffer by reason for the failure of the principal to do so, and if the Principal shall reimburse completely and shall pay to the Obligee any and all costs and expenses which the Obligee and all of its officers, agents and employees may incur by reason of any such default or failure of the Principal; and (b) if the Principal shall remedy without cost to the Obligee, all defects which may develop during the period of one (1) year from the date of completion by the Principal and acceptance of the Obligee of the work to be performed under the Agreement, in accordance with the Contract Documents, which defects, in the sole judgment of the Obligee or its legal successors in interest, shall be caused by or shall result from defective or inferior materials or workmanship, then this Bond shall be void; otherwise, this Bond shall be and shall remain in force and effect.

The Principal and the Surety agree that any alterations, changes and/or additions to the Contract Documents, and/or any alterations, changes and/or additions to the work to be performed under the Agreement in accordance with the Contract Documents, and/or any alterations, changes and/or additions to the Agreement, and/or giving by the Obligee of any extensions of time for the performance of the Agreement in accordance with the Contract Documents, and/or any work of forbearance of either the Principal or the Obligee toward the other with respect to the Contract Documents and the Agreement, and/or the reduction of any percentage to be retained by the Obligee as permitted by the contract Documents and by the Agreement, shall not release, in any manner whatsoever, the Principal and the Surety, or either of them, or their heirs, executors, administrators, successors, and assigns, from liability and obligations under this bond; and the Surety, for value received, does not waive notice of any such alterations, changes, additions, extensions of time, acts of forbearance and/or reduction of retained percentage.

Signed and Sealed This _____ Day of _____ A.D., 2022

_____ (SEAL)

Principal

In the presence of:

_____

Witness

_____

Witness

_____

Title

_____

Surety

_____

Title

CONSENT OF SURETY

_____
Name of Insurance Company

_____
Address

duly qualified to transact business in the State of Pennsylvania, hereby agrees that if

_____

is the successful Contractor for

_____

as surety will provide the Contractor with such bonds in such amounts as are required in the advertisement and in the specifications.

Signed, sealed, and dated this _____ day of _____ 2022.

_____
Name of Insurance Company

_____
By (Title)

Note: Be sure to attach proof of power of attorney of current date.

Thomas Hecker, *Board President*
Matthew Vahey, *Board Vice-President*
Richard J. Manfredi, *Township Manager*

TOWNSHIP OF ABINGTON

TOWNSHIP OF ABINGTON REQUEST FOR QUOTE

From: Ashley McIlvaine
267.536.1004
amcilvaine@abingtonpa.gov

Date: August 23, 2022

Subject: Abington Township 2023 Calendar

Would you please provide a quote for the following project by Friday, September 9, 2022? Please do not hesitate to contact me with questions.

Thank you!

Township of Abington
1176 Old York Road, Abington, PA 19001
Ashley McIlvaine, Assistant Township Manager
Telephone: 267-536-1004, Fax: 215-884-8271
E-mail: amcilvaine@abingtonpa.gov

GENERAL CONDITIONS

Right to Know Law. As of January 1, 2009 certain changes to the Pennsylvania Right-to- Know Law took effect. In essence, the law provides for the access of government public records to legal residents of the United States. If you submit a quote, please be aware that under the Right-to- Know Law all submitted documents will be subject to disclosure upon a request. If you are the successful contractor, documents in your possession which directly relate to the governmental function of Abington Township and are not otherwise exempt under the Right-to-Know Law may be considered a public record and may be subject to disclosure.

Schedule. Submit proposal on forms supplied by the Township of Abington by Friday, September 9, 2022.

Selection. Abington Township will, in its sole discretion, award a contract for the Township Calendar 2023 based upon the proposals submitted pursuant to Option 1 or 2 as set forth hereinbelow. The Township will only select one of the two printing options listed as "Option 1" and "Option 2" below. The anticipated date of award is October 14, 2022. The Township reserves the right to reject any and all proposals and to make such award as appears most advantageous to the Township.

Press Run. 22,000 via offset process. Sheet fed, no web process. Do not under-run or over-run. The entire project must be completed by the printer "in-house" and "under one roof".

Performance Guarantee. The Vendor must furnish a form of 100% surety in the full amount of liability under the contract to guarantee performance of the contract, within ten (10) days of issuance by Abington Township of a Notice of Intent to Award the contract. Upon failure to furnish 100% surety within such time, the Township will reject the contract. Abington Township will accept one of three acceptable forms of surety in the full amount of the contract, at the Vendor's option. The first is a performance bond issued by an approved surety company authorized to transact business within Pennsylvania, with proof of same, including agent's power of attorney evidencing agent's authority to execute the bond and bearing the seal of the surety company, in the form included with this RFQ. The second is an irrevocable letter of credit from a bank authorized to transact business within Pennsylvania, in form satisfactory to the Township's Solicitor, guaranteeing that the full amount of the contract remains in an account until the successful publication of the annual report and calendar. The third is a certified check for the full amount of the contract, which the Township will return after the successful completion of the project.

REQUEST FOR QUOTATION

Quotes for furnishing by offset printing process twenty-two thousand (22,000) copies of the 2023 Abington Township Calendar are requested by

Friday, September 9, 2022.

Quotes must be submitted on forms furnished by the Township.

Richard J. Manfredi

Township Manager

By Order of the Board of Commissioners Township of Abington

AA's. Any printer's error found by the Township will be corrected by the printer without cost to the Township. All corrections made by the Township must be authorized in writing by initials of the editor **during production.** The Township will pay legitimate AA charges when each is previously authorized by said party and when charges are itemized by printer.

PROJECT DEADLINES

Production Schedule without packaging and mailing. Materials furnished by the Township of Abington as described below to be delivered to Contractor on or before **November 10, 2022.** Finished product as determined per terms of quotation to be complete on or before **December 5, 2022** and delivered to receiving destination (Red Sky Marketing Group, 2641 Mt. Carmel Ave., Glenside PA, 215-576- 5874) on or before **December 5, 2022.**

Production Time. Prior to final presswork, printer must supply a color proof within four days after receipt of mechanicals from Township. PRINTER MUST SCHEDULE PRESS RUN AND BINDERY OPERATION SO IT COMMENCES PROMPTLY UPON RECEIPT OF APPROVAL OF FINAL COLOR PROOF FROM TOWNSHIP. Total time of printing, folding, and binding should not exceed ten (10) working days. **The absolute deadline for delivery to Red Sky Marketing Group is Monday, December 5, 2022.**

WORK AND MATERIALS PERFORMED /FURNISHED BY TOWNSHIP

1. **All materials to be returned to Township**
2. Delivery Format. The Township will supply copy by digital file
3. Printer will be responsible for sizing, scanning, and placing various types of artwork. N/A. ELECTRONIC FILES SUPPLIED AS PRIOR YEARS. SEE #2 ABOVE.

AH.

Preparation and Presswork. Usual and customary proofs and plates. Two-sided offset printing for all pages including cover in:

1. 2 PMS ink colors; Soy ink is mandatory; Cover, page 1 picture, and ward map in color.
2. Full color cover, colored images and colored ward map.

No web process only sheet fed.

White Stock Option 1. Forty four (40) text pages - 11" x 8.5" (ten sheets, 11" x 17") 80-lb Rolland Opaque Text, Bright White, Smooth (FSC Certified); four-page cover (one sheet, 11" x 17"), Montauk 80-lb Gloss Cover (FSC Certified). The calendar is a total of 44 pages. **Stock samples must accompany quote.**

White Stock Option 2. Forty four (40) text pages - 11" x 8.5" (ten sheets, 11" x 17") 80-lb Silk Text Stock, Bright White (FSC Certified); four-page cover (one sheet, 11" x 17"), Montauk 80-lb Gloss Cover (FSC Certified). The

calendar is a total of 44 pages. **Stock samples must accompany quote.**

Note: FSC Certified Logo may not appear in the address area. No additional gloss should be added to the address area.

Finish. Suitable for self-mailing with new postal regulations. All sheets collated and folded to page size 11" x 8.5," saddle stitch binding, and 0.25" diameter hole centered at least 0.5" from opposite edge and trim as necessary **(Note: Hole should not cover any print).**

Packing and Delivery. By Vendor's carrier: Finished product to be packed with same number of pieces (multiple of 25) per carton and delivered to Red Sky Marketing Group., 2641 Mt. Carmel Avenue, Glenside, PA 19038, 215-576-5874. Cartons should be packed on skids.

Note: Lift gate is required on receiving end- no loading dock available.

OPTION 1: SERVICES DESCRIBED ABOVE **WITH WHITE STOCK OPTION 1**	**COST**
1. 22,000 (as described above) 2 PMS Soy Ink Colors with Full Color on Front Cover, page 1 picture, ward map, and colored images such as monthly photos and logos.	$ 35,790.00 *
OPTION 1: POSSIBLE ADDITIONAL COSTS AND/OR ADD-ONS TO TOWNSHIP	**COST**
1. Page Substituted after Proof Inspection	$ 45.00/PAGE
2. AA Charges	$ 95.00/HOUR
3. Price per Scan	$ 15.00/EACH
4. Pre-Press Hourly Rate	$ 95.00/HOUR

* PAPER COST AND AVAILABILITY CANNOT BE GUARANTEED DUE TO SUPPLY ISSUES. PRICE BASED ON CONTRACT ACCEPTANCE BY 9/28/2022. AFTER THAT, IF PAPER WOULD INCREASE BY 10%, THE PRICE WOULD BE $ 37,610.00. PRICE TO BE CONFIRMED AT ACCEPTANCE OF CONTRACT (AND AVAILABILITY).

OPTION 2: SERVICES DESCRIBED ABOVE **WITH WHITE STOCK OPTION 2**	COST
1. 22,000 (as described above) 2 PMS Soy Ink Colors with Full Color on Front Cover, page 1 picture, ward map, and colored images such as monthly photos and logos.	$ 29,650.00 *
OPTION 2: POSSIBLE ADDITIONAL COSTS AND/OR ADD-ONS TO TOWNSHIP	**COST**
1. Page Substituted after Proof Inspection	$ 45.00/PAGE
2. AA Charges	$ 95.00/HOUR
3. Price per Scan	$ 15.00/EACH
4. Pre-Press Hourly Rate	$ 95.00/HOUR

* PAPER COST AND AVAILABILITY CANNOT BE GUARANTEED DUE TO SUPPLY ISSUES. PRICE ABOVE BASED ON CONTRACT ACCEPTANCE BY 9/28/2022. AFTER THAT, IF PAPER WOULD INCREASE BY 10%, THE PRICE WOULD BE $32,000.00 PRICE AND AVAILABILITY TO BE CONFIRMED AT ACCEPTANCE OF CONTRACT.

ABINGTON TOWNSHIP 2023 CALENDAR

CERTIFICATION

We understand the importance of the 2023 Calendar to the residents, elected officials, and management of the Township of Abington and that nothing less than top-quality work will be accepted from us as printers.

We further understand and agree that the Township of Abington is not obligated to accept the lowest or any quotation, and that if we are the successful contractor, and if we fail to perform the contract as required, we will forfeit the performance bond, letter of credit or certified check in the amount of the contract as awarded by the Township.

Name of Company: THE HOMER GROUP

Street Address: 2605 EGYPT RD

City: TROOPER State: PA Zip: 19403

Telephone #: (610) - 539-8400 Fax #: 610 539-8812

Signature: Guy Homer Date: 9/2/2022

Title: PRESIDENT

Contact Person: GUY HOMER

ABINGTON TOWNSHIP 2023 CALENDAR

AFFIDAVIT

(This Affidavit is part of the Proposal)

State of PA §

County of MONTGOMERY

THE HOMER GROUP, INC
(Typed Name)

being duly sworn, deposes and says that he or she reside at:

2605 EGYPT RD TRAPPE PA 19403
(Street, City, State, Zip)

that he or she is the PRESIDENT who signed the above proposal,
(Title)

that he or she is duly authorized to sign, and that the quote is the true offer of the printing company; that the seal attached is the seal of the printing company, and that all the declarations and statements contained in the quote are true to the best of his or her knowledge and belief.

Sworn to and Subscribed to before me this 2nd day of September, 2022.

(SEAL)

Signature Notary Public

Commonwealth of Pennsylvania - Notary Seal
James E. Roberts, Notary Public
Montgomery County
My commission expires January 19, 2024
Commission number 1266659
Member, Pennsylvania Association of Notaries

My Commission Expires:

ABINGTON TOWNSHIP 2023 CALENDAR

NON-COLLUSION AFFIDAVIT

Job Title PRESIDENT

State of PA

§

County of MONTGOMERY

I state that I am GUY HOMER - PRESIDENT of THE HOMER GROUP
(Name and Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the price(s) and the amount of this quote.

I state that:

1. The price(s) and amount of this quote have been arrived at independently and without consultation, communication or agreement with any other contractor, contractor or potential contractor.

2. Neither the price(s) nor the amount of this quote and neither the approximate price(s) nor approximate amount of this quote, have been disclosed to any other firm or person who is a contractor or potential contractor, and they will not be disclosed before opening.

3. No attempt has been made or will be made to induce any firm or person to refrain from quoting on this contract, or to submit a quote higher than this quote, or to submit any intentionally high or noncompetitive quote or other form of complementary quote.

4. The quote of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive quote.

5. THE HOMER GROUP its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any government agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to submitting a proposal on any public contract, except as follows:
(Name of Firm)

ABINGTON TOWNSHIP 2023 CALENDAR

I state that THE HOMER GROUP, understands and
(Name of Firm)
acknowledges the above representations are material and important, and will be relied on by

Abington Township in awarding the contract(s) for which this quote is submitted. I
(Entity)

understand and my firm understands that any misstatement in this affidavit is and shall be treated

as fraudulent concealment from Abington Township of the true facts
(Name of Public Entity)

relating to the submission of quotes for this contract.

Signature Guy Homer

GUY HOMER - PRESIDENT
(Typed Name and Title)

Sworn to and subscribed to before me this 2nd day of September, 2022.

(SEAL)

James E Roberts

Signature of Notary Public

My Commission Expires

Commonwealth of Pennsylvania - Notary Seal
James E. Roberts, Notary Public
Montgomery County
My commission expires January 19, 2024
Commission number 1266659
Member, Pennsylvania Association of Notaries

ABINGTON TOWNSHIP 2023 CALENDAR

PERFORMANCE BOND

Know all men by these presents that we GUY HOMER, as Principal (the "Principal"), and THE HOMER GROUP INC, a corporation organized and existing under the Laws of the State of Pennsylvania as Surety (the "Surety"), are held and firmly bound unto **Abington Township Montgomery County, Pennsylvania** as Obligee (the "Obligee"), as hereinafter set forth in the full and just sum of _____ Dollars ($_____)

Lawful money of the United States of America, for the payment of which sum we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas, the Principal has by written agreement dated _____, 2022 (The "Proposal"), to perform certain work for the Obligee, pursuant to Plans, Specifications, and other related documents constituting the Contract Documents, which are incorporated into the Proposal by reference (the "Contract Documents"); and

Whereas, the Contract Documents require that, before an award shall be made to the Principal by the Obligee in accordance with the Proposal, the Principal shall furnish the Bond to the Obligee, with this Bond to become binding, upon the award of a contract to the Principal by the Obligee in accordance with the Proposal; and

Whereas, under the Contract Documents, it is provided, inter alia, that if the Principal shall furnish this Bond to the Obligee, and if the Obligee shall make an Award to the Principal in accordance with the Proposal, then the Principal and the Obligee shall enter into an agreement with respect to performance of such work (the "Agreement"), the form of which Agreement is set forth in the Contract documents.

Now, therefore, the terms and conditions of the Bond are and shall be that if; the Principal will, truly and faithfully shall comply with and shall perform the Agreement in accordance with the Contract Documents, at the time and in the manner provided in the Agreement and in the Contract Documents, and if the Principal shall satisfy all claims and demands incurred in or related to the performance of the Agreement by the Principal, or growing out of the performance of the Agreement by the Principal, and if the Principal shall indemnify completely and shall save harmless the Obligee and all of its officers, agents and employees from an damages, loss or

* CERTIFIED CHECK TO BE PROVIDED UPON ACCEPTANCE OF THE CONTRACT LIKE PRIOR YEARS.

injury, costs, charges, expenses, additional architectural charges and attorney's charges or engineering expenses which the Obligee and all of its officers, agents and employees may sustain or suffer by reason for the failure of the principal to do so, and if the Principal shall reimburse completely and shall pay to the Obligee any and all costs and expenses which the Obligee and all of its officers, agents and employees may incur by reason of any such default or failure of the Principal; and (b) if the Principal shall remedy without cost to the Obligee, all defects which may develop during the period of one (1) year from the date of completion by the Principal and acceptance of the Obligee of the work to be performed under the Agreement, in accordance with the Contract Documents, which defects, in the sole judgment of the Obligee or its legal successors in interest, shall be caused by or shall result from defective or inferior materials or workmanship, then this Bond shall be void; otherwise, this Bond shall be and shall remain in force and effect.

The Principal and the Surety agree that any alterations, changes and/or additions to the Contract Documents, and/or any alterations, changes and/or additions to the work to be performed under the Agreement in accordance with the Contract Documents, and/or any alterations, changes and/or additions to the Agreement, and/or giving by the Obligee of any extensions of time for the performance of the Agreement in accordance with the Contract Documents, and/or any work of forbearance of either the Principal or the Obligee toward the other with respect to the Contract Documents and the Agreement, and/or the reduction of any percentage to be retained by the Obligee as permitted by the contract Documents and by the Agreement, shall not release, in any manner whatsoever, the Principal and the Surety, or either of them, or their heirs, executors, administrators, successors, and assigns, from liability and obligations under this bond; and the Surety, for value received, does not waive notice of any such alterations, changes, additions, extensions of time, acts of forbearance and/or reduction of retained percentage.

Signed and Sealed This _____ Day of _____ A.D., 2022

_____ (SEAL)

Principal

In the presence of:

_____

Title

_____

Witness

_____

Witness

_____

Surety

_____

Title

ABINGTON TOWNSHIP 2023 CALENDAR

CONSENT OF SURETY

_____

Name of Insurance Company

_____

Address

duly qualified to transact business in the State of Pennsylvania, hereby agrees that if

_____

is the successful Contractor for

_____

as surety will provide the Contractor with such bonds in such amounts as are required in the advertisement and in the specifications.

Signed, sealed, and dated this _____ day of _____ 2022.

_____

Name of Insurance Company

_____

By (Title)

Note: Be sure to attach proof of power of attorney of current date.

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-02-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Community Development		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

Consider awarding a contract in the amount of $350K to G&B Construction to complete the CDBG-funded Old Welsh Road Sidewalk Improvement Project.

EXECUTIVE SUMMARY:

DRAFT: This project was approved as part of the 2019 & 2021 CDBG Annual Action Plans in previous board actions. Total budget from both years totals ($150K & $150K), Additional funds to cover the difference have been identified in the 2019 and 2021 AAP that have gone unused for various reasons.

PREVIOUS BOARD ACTIONS:

Approval of 2019 and 2021 CDBG Annual Action Plans.

RECOMMENDED BOARD ACTIONS:

Motion to award a contract to G&B Construction to complete the CDBG-funded Old Welsh Road Sidewalk Improvement Project in the amount of $350,000.

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-03-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Police		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

Advertisement of Traffic Safety Ordinance #

EXECUTIVE SUMMARY:

Over the past three months the Police Department received the following requests. All requests were reviewed by the Traffic Safety Unit and Township Officials and approved the installation of a stop signs on Glen Road at Harte Road and Rowland Road at Hower Road, a No Parking Here to Corner sign on Miriam Avenue at Birchwood Avenue, a 2-Hour Parking sign on Tague Avenue between 2315 and 2327 and Handicap Parking signs on Tulpehocken Avenue in front of 204 Tulpehocken and Tyson Avenue in front of 820 Tyson Avenue.

PREVIOUS BOARD ACTIONS:

N/A

RECOMMENDED BOARD ACTIONS:

Motion to advertise a Traffic Safety Ordinance amending Chapter 156 - "Vehicles and Traffic," Article II - "Traffic Regulations," Section 14 - "Stop Intersections, Article III - "Parking Regulations," Section 25 -

"Parking Prohibited at all Times; No Parking Between Signs; No Parking Here to Corner; Parking Prohibited Except Certain Hours; No Stopping or Standing," Section 27 - "Parking Time Limited and Section 28 - "Special Purpose Parking Zones" to add a stop sign on Glen Road at Harte Road, No Parking Here to Corner on Miriam Avenue at Birchwood Avenue, 2-Hour Parking on the North side of Tauge Avenue between 2315 and 2327 and to add Handicapped Parking signs on Tulpehocken Avenue in front of 204 Tulpehocken and Tyson Avenue in front of 820 Tyson Avenue.

TOWNSHIP OF ABINGTON
MONTGOMERY COUNTY, PENNSYLVANIA

ORDINANCE NO. XXXX

AN ORDINANCE AMENDING
CHAPTER 156 – "VEHICLES AND TRAFFIC,"
ARTICLE II – "TRAFFIC REGULATIONS,"
SECTION 14 – "STOP INTERSECTIONS";
ARTICLE III – PARKING REGULATIONS";
SECTION 25 – "PARKING PROHIBITED AT ALL TIMES; NO PARKING BETWEEN SIGNS; NO PARKING HERE TO CORNER; PARKING PROHIBITED EXCEPT CERTAIN HOURS; NO STOPPING OR STANDING";
SECTION 27 – "PARKING TIME LIMITED"; AND
SECTION 28 – "SPECIAL PURPOSE PARKING ZONES"

WHEREAS, the Township of Abington is a Township of the First Class, duly organized and existing pursuant to the applicable laws of the Commonwealth of Pennsylvania; and

WHEREAS, pursuant to section 1502.20 of the First Class Township Code of the Commonwealth of Pennsylvania, 53 P.S. §56579.20, the Board of Commissioners has the authority to enact and amend provisions of the Abington Township Code ("Code") at any time it deems necessary for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof; and

WHEREAS, pursuant to section 1502.6 of the First Class Township Code of the Commonwealth of Pennsylvania, 53 P.S. §56579.6, the Board of Commissioners has the authority to take all needful means for securing the safety of persons or property within the Township; and

WHEREAS, pursuant to section 1502.49 of the First Class Township Code of the Commonwealth of Pennsylvania, 53 P.S. §56579.24, the Board of Commissioners has the authority to regulate traffic and parking; and

WHEREAS, the Board of Commissioners of the Township of Abington has determined that the Code of Ordinances of the Township of Abington shall be amended at Chapter 156 – "Vehicles and Traffic," Article II – "Traffic Regulations," Section 14 - "Stop Intersections," Article III – "Parking Regulations," Section 25 – "Parking Prohibited at All Times; No Parking Between Signs; No Parking Here to Corner, Parking Prohibited Except Certain Hours, No Stopping and Standing," and Section 27 – "Parking Time Limited," Section 28 – "Special Parking Zones," should be amended for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof.

NOW, THEREFORE, the Board of Commissioners of the Township of Abington does hereby **ENACT** and **ORDAIN** as follows:

1. The Code of the Township of Abington is amended at Chapter 156 - "Vehicles and Traffic," Article II – "Traffic Regulations," at Section 14 – "Stop Intersections," to **add** the following restrictions:

Stop Sign On	Direction of Travel	At Intersection of
Glen Road	Northbound	Harte Road
Rowland Road	Westbound	Hower Road

2. The Code of the Township of Abington is amended at Chapter 156 - "Vehicles and Traffic," Article III – "Parking Regulations," at Section 25 – "Parking Prohibited at All Times; No Parking Between Signs; No Parking Here to Corner, Parking Prohibited Except Certain Hours, No Stopping or Standing" to **add** the following restrictions:

No Parking Here to Corner	Side	Location
Miriam Avenue		Birchwood Avenue

3. Chapter 156 – "Vehicles and Traffic," Article III, "Parking Regulations," Section 27 – "Parking Time Limited" shall be amended to **add** the following restrictions:

2 Hour Parking	Side	Location
Tague Avenue	North Side	2315-2327 Tague Avenue

4. Chapter 156 – "Vehicles and Traffic," Article III, "Parking Regulations," Section 28 – "Special Purpose Parking Zones" shall be amended to **add** the following restrictions:

Name of Highway	Authorized Purpose of Vehicle	Location
Tulpehocken Avenue	Handicapped Parking	204 Tulpehocken Avenue
Tyson Avenue	Handicapped Parking	820 Tyson Avenue

5. All other ordinances, portions of ordinances, or any section of the Code inconsistent with this Ordinance are hereby repealed.

6. This Ordinance shall become effective five (5) days after enactment.

ORDAINED AND ENACTED this _____ day of _____, 2022.

TOWNSHIP OF ABINGTON
BOARD OF COMMISSIONERS

Attest:

_____ By: _____

Richard J. Manfredi, Township Manager & Secretary

Thomas Hecker, President

{00822611;v2}

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-04-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Finance		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

LD-16-06 - 1235 Meinel Road Escrow Release #2

EXECUTIVE SUMMARY:

The applicant is requesting an escrow release request for LD-16-06 1235 Meinel Road Subdivision in the amount of $354,681.14. A brief project description and recommendation is attached.

PREVIOUS BOARD ACTIONS:

9.8.22 -The Board approved the Construction Escrow release in the amount of $82,067.63.

RECOMMENDED BOARD ACTIONS:

Motion to approve the escrow release request #2 for LD-16-06, 1235 Meinel Road Subdivision in the amount of $354,681.14

Pennoni

3100 Horizon Drive
Suite 200
King of Prussia, PA 19406
T: 610-277-2402
F: 610-277-7449

www.pennoni.com

August 31, 2022

ABINT1600.22

Mr. Richard J. Manfredi, Township Manager
Abington Township
1176 Old York Road
Abington, PA 19001

RE: LD-16-06 – 1235 Meinel Road Subdivision
Escrow Release #2

Dear Mr. Manfredi,

We have received an escrow release request dated August 23, 2022 and received on August 31, 2022 for a reduction of escrow funds relating to the above referenced project.

Under this land development application, the Applicant has proposed to demolish the existing single masonry family dwelling, frame barn, in-ground pool, patios, decking, fencing, and associated landscaping; and subdivide the existing irregular shaped approximately 3.529 acres tract of land into six (6) individual lots to construct on each lot a single-family residential dwelling and associated driveways, curb, curb ramps, walkways, retaining walls, storm water facilities, and storm and sanitary sewers. Each Lot will be serviced by public sewer and water services. Access to each lot is via a new cul-de-sac street having a thirty (30)-foot roadway cartway and a fifty (50)-foot right-of-way.

Based on our field visit completed on August 25, 2022 with a follow up visit completer on August 30, 2022 and correspondences with the Applicant, we recommend the following release:

Original Construction Escrow Total	$ 801,110.59
Construction Escrow Released Prior to this Request	$ 82,067.63
Balance Prior to This Release	$719,042.96
Recommended Amount This Release	**$ 354,681.14**
Total Construction Escrow Balance Remaining After This Release	$ 364,361.82

Enclosed, you will find the Summary of Construction Cost Breakdown. Please review and process for release. Should you have any questions, please feel free to contact me at (610) 422-2499.

Sincerely,

PENNONI

Khaled R. Hassan, PE
Township Engineer

cc: Terry Castorina, Executive Assistant to the Township Manager
Ashley McIlvaine, Special Assistant to the Township Manager

LD-16-06 - 1235 Meinel Road SD & LD
Abington Township, Montgomery County, Pennsylvania

RELEASE NO.: 2.00
REQUEST DATE: 8/23/2022
REVISED DATE:

CONSTRUCTION TOTAL: $ 728,282.35
10% CONTINGENCY: $ 72,828.24

ESCROW TOTAL: $ 801,110.59

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CURRENT RELEASE QUANTITY	CURRENT RELEASE COST	RELEASED TO DATE (INCL. CURRENT RELEASE) QUANTITY	RELEASED TO DATE (INCL. CURRENT RELEASE) COST	ESCROW REMAINING QUANTITY	ESCROW REMAINING COST	PERCENT COMPLETE
LAYOUT											
Survey	1	LS	$ 28,540.00	$ 28,540.00	0.25	$ 7,135.00	0.60	$ 17,124.00	0.40	$ 11,416.00	60%
As-Built Drawings	1	LS	$ 5,710.00	$ 5,710.00	-	$ -	-	$ -	1.00	$ 5,710.00	0%
			Subtotal:	**$ 34,250.00**		**$ 7,135.00**		**$ 17,124.00**		**$ 17,126.00**	50%
E&S CONTROLS											
Construction Entrance - Construct & Maintain	1	EA	$ 4,120.00	$ 4,120.00	-	$ -	1.00	$ 4,120.00	-	$ -	100%
18" Silt Fence	400	LF	$ 8.00	$ 3,200.00	-	$ -	400.00	$ 3,200.00	-	$ -	100%
12" Compost Filter Sock	1,615	LF	$ 4.00	$ 6,460.00	-	$ -	1,615.00	$ 6,460.00	-	$ -	100%
24" Compost Filter Sock	995	LF	$ 11.00	$ 10,945.00	-	$ -	995.00	$ 10,945.00	-	$ -	100%
Inlet Protection	13	EA	$ 88.50	$ 1,150.50	-	$ -	-	$ -	13.00	$ 1,150.50	0%
Tree Protection	530	LF	$ 2.00	$ 1,060.00	-	$ -	-	$ -	530.00	$ 1,060.00	0%
Maintenance of E&S Controls - While on Site	1	LS	$ 550.00	$ 550.00	-	$ -	-	$ -	1.00	$ 550.00	0%
Temporary Stabilization - Topsoil Stockpiles	1	LS	$ 860.00	$ 860.00	1.00	$ 860.00	1.00	$ 860.00	-	$ -	100%
Concrete Washout	1	EA	$ 500.00	$ 500.00	-	$ -	-	$ -	1.00	$ 500.00	0%
Curb Inlet Filter	2	EA	$ 100.00	$ 200.00	-	$ -	-	$ -	2.00	$ 200.00	0%
			Subtotal:	**$ 29,045.50**		**$ 860.00**		**$ 25,585.00**		**$ 3,460.50**	88%
CLEARING AND DEMOLITION											
Clear and grub	1	LS	$ 24,600.00	$ 24,600.00	-	$ -	1.00	$ 24,600.00	-	$ -	100%
Asphalt Removal	598	SY	$ 5.10	$ 3,049.80	-	$ -	598.00	$ 3,049.80	-	$ -	100%
Concrete Curb Removal	107	LF	$ 9.25	$ 989.75	-	$ -	-	$ -	107.00	$ 989.75	0%
Concrete Sidewalk Removal	480	SF	$ 2.25	$ 1,080.00	-	$ -	-	$ -	480.00	$ 1,080.00	0%
			Subtotal:	**$ 29,719.55**		**$ -**	-	**$ 27,649.80**		**$ 2,069.75**	93%
EARTHWORK											
Strip topsoil	1,955	CY	$ 3.10	$ 6,060.50	-	$ -	1,955.00	$ 6,060.50	-	$ -	100%
Cut & Fill	3,324	CY	$ 3.10	$ 10,304.40	1,330.00	$ 4,123.00	3,324.40	$ 10,305.64	(0.40)	$ (1.24)	100%
Compacted Fill from Spoils	1,720	CY	$ 0.90	$ 1,548.00	1,720.00	$ 1,548.00	1,720.00	$ 1,548.00	-	$ -	100%
Compacted Fill from Import	2,130	CY	$ 2.60	$ 5,538.00	2,130.00	$ 5,538.00	2,130.00	$ 5,538.00	-	$ -	100%
Imported Fill	2,130	CY	$ 12.00	$ 25,560.00	-	$ -	-	$ -	2,130.00	$ 25,560.00	0%
Box Asphalt	1,700	SY	$ 1.25	$ 2,125.00	-	$ -	-	$ -	1,700.00	$ 2,125.00	0%
Amended Soils	16,440	SF	$ 2.50	$ 41,100.00	-	$ -	-	$ -	16,440.00	$ 41,100.00	0%
			Subtotal:	**$ 92,235.90**		**$ 11,209.00**		**$ 23,452.14**		**$ 68,783.76**	25%
SANITARY SEWER											
Tie into Existing	1	EA	$ 4,695.00	$ 4,695.00	1.00	$ 4,695.00	1.00	$ 4,695.00	-	$ -	100%
By-pass Pumping	1	LS	$ 5,875.00	$ 5,875.00	1.00	$ 5,875.00	1.00	$ 5,875.00	-	$ -	100%
8" DIP CL-52	182	LF	$ 96.95	$ 17,644.90	182.00	$ 17,644.90	182.00	$ 17,644.90	-	$ -	100%
6" DIP Lateral Connection	2	EA	$ 1,605.00	$ 3,210.00	2.00	$ 3,210.00	2.00	$ 3,210.00	-	$ -	100%
8"x6" DIP to Existing VCP Lateral Connection	4	EA	$ 2,875.00	$ 11,500.00	-	$ -	-	$ -	4.00	$ 11,500.00	0%
4' Sanitary Manhole #1 (w/ Sewer Bypass)	1	EA	$ 16,840.00	$ 16,840.00	1.00	$ 16,840.00	1.00	$ 16,840.00	-	$ -	100%
4' Sanitary Manhole #2	1	EA	$ 5,985.00	$ 5,985.00	1.00	$ 5,985.00	1.00	$ 5,985.00	-	$ -	100%
Testing	1	LS	$ 625.00	$ 625.00	-	$ -	-	$ -	1.00	$ 625.00	0%
Saw Cut Asphalt	80	LF	$ 7.85	$ 628.00	-	$ -	-	$ -	80.00	$ 628.00	0%
Full Stone Backfill - ROW	250	TON	$ 29.25	$ 7,312.50	250.00	$ 7,312.50	250.00	$ 7,312.50	-	$ -	100%

LD-16-06 - 1235 Meinel Road SD & LD
Abington Township, Montgomery County, Pennsylvania

RELEASE NO.: 2.00
REQUEST DATE: 8/23/2022
REVISED DATE:

CONSTRUCTION TOTAL: $ 728,282.35
10% CONTINGENCY: $ 72,828.24

ESCROW TOTAL: $ 801,110.59

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CURRENT RELEASE QUANTITY	CURRENT RELEASE COST	RELEASED TO DATE (INCL. CURRENT RELEASE) QUANTITY	RELEASED TO DATE (INCL. CURRENT RELEASE) COST	ESCROW REMAINING QUANTITY	ESCROW REMAINING COST	PERCENT COMPLETE
LAYOUT											
2" Temporary Pavement	25	SY	$ 36.40	$ 910.00	-	$ -	-	$ -	25.00	$ 910.00	0%
Permanent Pavement	1	LS	$ 6,300.00	$ 6,300.00	-	$ -	-	$ -	1.00	$ 6,300.00	0%
Traffic Control	1	LS	$ 1,340.00	$ 1,340.00	-	$ -	-	$ -	1.00	$ 1,340.00	0%
			Subtotal:	**$ 82,865.40**		**$ 61,562.40**		**$ 61,562.40**		**$ 21,303.00**	74%
STORM SEWER											
Tie Into Existing	1	EA	$ 1,645.00	$ 1,645.00	1.00	$ 1,645.00	1.00	$ 1,645.00	-	$ -	100%
15" HDPE	38	LF	$ 63.50	$ 2,413.00	38.00	$ 2,413.00	38.00	$ 2,413.00	-	$ -	100%
18" HDPE	644	LF	$ 60.50	$ 38,962.00	644.00	$ 38,962.00	644.00	$ 38,962.00	-	$ -	100%
24" HDPE	123	LF	$ 70.00	$ 8,610.00	123.00	$ 8,610.00	123.00	$ 8,610.00	-	$ -	100%
4' Type C Inlet	4	EA	$ 3,288.00	$ 13,152.00	4.00	$ 13,152.00	4.00	$ 13,152.00	-	$ -	100%
4' Type M Inlet	9	EA	$ 3,156.00	$ 28,404.00	9.00	$ 28,404.00	9.00	$ 28,404.00	-	$ -	100%
4' Storm Manhole	2	EA	$ 3,250.00	$ 6,500.00	2.00	$ 6,500.00	2.00	$ 6,500.00	-	$ -	100%
15" D-W Endwall	2	EA	$ 1,835.00	$ 3,670.00	2.00	$ 3,670.00	2.00	$ 3,670.00	-	$ -	100%
Rip-rap Apron R-3 12" Depth	2	EA	$ 1,980.00	$ 3,960.00	2.00	$ 3,960.00	2.00	$ 3,960.00	-	$ -	100%
48" Underground Detention Basin	1	LF	$ 134,355.00	$ 134,355.00	1.00	$ 134,355.00	1.00	$ 134,355.00	-	$ -	100%
			Subtotal:	**$ 241,671.00**		**$ 241,671.00**		**$ 241,671.00**		**$ -**	100%
CONCRETE CURB											
Box and Backfill Curb	750	LF	$ 2.50	$ 1,875.00	-	$ -	-	$ -	750.00	$ 1,875.00	0%
18" Curb	750	LF	$ 35.00	$ 26,250.00	-	$ -	-	$ -	750.00	$ 26,250.00	0%
			Subtotal:	**$ 28,125.00**		**$ -**		**$ -**		**$ 28,125.00**	0%
CONCRETE SIDEWALK											
Sidewalk at Meinel Rd	241	SF	$ 15.00	$ 3,615.00	-	$ -	-	$ -	241.00	$ 3,615.00	0%
4' wide Sidewalk at Stonewell Manor Rd	2,500	SF	$ 15.00	$ 37,500.00	-	$ -	-	$ -	2,500.00	$ 37,500.00	0%
Concrete Driveway Aprons	600	SF	$ 20.00	$ 12,000.00	-	$ -	-	$ -	600.00	$ 12,000.00	0%
ADA Ramps	2	EA	$ 1,500.00	$ 3,000.00	-	$ -	-	$ -	2.00	$ 3,000.00	0%
			Subtotal:	**$ 56,115.00**		**$ -**		**$ -**		**$ 56,115.00**	0%
ASPHALT PAVING/SITE IMPROVEMENTS											
4' Retaining Wall	1	LF	$ 17,000.00	$ 17,000.00	-	$ -	-	$ -	1.00	$ 17,000.00	0%
Fine Grade	1,700	SY	$ 1.40	$ 2,380.00	-	$ -	-	$ -	1,700.00	$ 2,380.00	0%
6" 2A Stone Subbase	1,700	SY	$ 11.50	$ 19,550.00	-	$ -	-	$ -	1,700.00	$ 19,550.00	0%
5-1/2" 19mm Base (Binder Course)	1,700	SY	$ 30.75	$ 52,275.00	-	$ -	-	$ -	1,700.00	$ 52,275.00	0%
Sweep and Tack	1,700	EA	$ 0.75	$ 1,275.00	-	$ -	-	$ -	1,700.00	$ 1,275.00	0%
1-1/2" 9.5mm (Wearing Course)	1,700	SF	$ 9.10	$ 15,470.00	-	$ -	-	$ -	1,700.00	$ 15,470.00	0%
Seal Curb and Joints	800	SF	$ 0.60	$ 480.00	-	$ -	-	$ -	800.00	$ 480.00	0%
			Subtotal:	**$ 108,430.00**		**$ -**		**$ -**		**$ 108,430.00**	0%
SIGNS AND STRIPING											

LD-16-06 - 1235 Melnel Road SD & LD
Abington Township, Montgomery County, Pennsylvania

RELEASE NO.: 2.00
REQUEST DATE: 8/23/2022
REVISED DATE:

CONSTRUCTION TOTAL: $ 728,282.35
10% CONTINGENCY: $ 72,828.24

ESCROW TOTAL: $ 801,110.59

ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	CURRENT RELEASE QUANTITY	CURRENT RELEASE COST	RELEASED TO DATE (INCL. CURRENT RELEASE) QUANTITY	RELEASED TO DATE (INCL. CURRENT RELEASE) COST	ESCROW REMAINING QUANTITY	ESCROW REMAINING COST	PERCENT COMPLETE
LAYOUT											
Traffic Signage	1	LS	$ 290.00	$ 290.00	-	$ -	-	$ -	1.00	$ 290.00	0%
			Subtotal:	**$ 290.00**		$ -		$ -		**$ 290.00**	0%
LANDSCAPING											
Street Trees	14	EA	$ 375.00	$ 5,250.00	-	$ -	-	$ -	14.00	$ 5,250.00	0%
Arborvitaes (6 FT)	12	EA	$ 300.00	$ 3,600.00	-	$ -	-	$ -	12.00	$ 3,600.00	0%
Rain Garden Seeding	16,175	SF	$ 0.20	$ 3,235.00	-	$ -	-	$ -	16,175.00	$ 3,235.00	0%
			Subtotal:	**$ 12,085.00**		$ -		$ -		**$12,085.00**	0%
MISCELLANEOUS											
Concrete Monuments	23	EA	$ 150.00	$ 3,450.00	-	$ -	-	$ -	23.00	$ 3,450.00	0%
Street Lights	2	EA	$ 5,000.00	$ 10,000.00	-	$ -	-	$ -	2.00	$ 10,000.00	0%
			Subtotal:	**$ 13,450.00**		$ -		$ -		**$ 13,450.00**	0%
			SUBTOTAL:	**$ 728,282.35**		**$ 322,437.40**		**$ 397,044.34**		**$ 331,238.01**	55%
			10% CONTINGENCY:	**$ 72,828.24**		**$ 32,243.74**		**$ 39,704.43**		**$ 33,123.81**	55%
			GRAND TOTAL ESCROWED:	**$ 801,110.59**		**$ 354,681.14**		**$ 436,748.77**		**$ 364,361.82**	55%

SUBMITTED:

DEVELOPER/OWNER _____ DATE 08/31/2022

RECOMMENDED FOR RELEASE:

PENNONI ASSOCIATES, INC. Khaled Hassan, PE DATE 9/1/22

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-05-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Finance		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

SD-20-02- 1231 Susquehanna road escrow release #1

EXECUTIVE SUMMARY:

The applicant is requesting an escrow release request for SD-20-02, 1231 Susquehanna Road Subdivision in the amount of $178,401.00.. A brief project description and recommendation is attached.

PREVIOUS BOARD ACTIONS:

n/a

RECOMMENDED BOARD ACTIONS:

Motion to approve the escrow release request #1 for SD-20-02, 1231 Susquehanna Road Subdivision in the amount of $178,401.00.

Pennoni

3100 Horizon Drive
Suite 200
King of Prussia, PA 19406
T: 610-277-2402
F: 610-277-7449

www.pennoni.com

September 12, 2022

ABINT1600.20

Mr. Richard J. Manfredi, Township Manager
Abington Township
1176 Old York Road
Abington, PA 19001

RE: SD-20-02 – 1231 Susquehanna Road Subdivision & Land Development
Escrow Release #1

Dear Mr. Manfredi,

We have received an escrow release request dated and received on August 12, 2022, for a reduction of escrow funds relating to the above referenced project. A copy of the fully executed land development agreement was provided by the Township on September 6, 2022.

Under this Application, the Applicant is proposing to demolish the existing central and rear dwellings, driveway, carport, tennis courts, patio, sheds, and associated walls, lighting, and landscaping; and subdivide the existing parcel (total 284,938 SF or 6.5413-acres to ultimate right-of-way as surveyed) into five (5) individual lots to construct on each lot a single family residential dwelling and associated driveways, curb, walkways, street lights, storm water facilities, and storm and sanitary sewers. A retaining wall is proposed behind the sidewalk to the west and north side of the infiltration bed SB6 on Lot 1; and behind the sidewalk and parallel to the proposed driveway on Lot 5. Each lot will be serviced by public sewer and water services. Access to each lot is via a new cul-de-sac street labeled as Christine Lane.

Based on our field visit completed on August 18, 2022 and correspondences with the Applicant, we recommend the following release:

Original Construction Escrow Total	$ 636,205.20
Construction Escrow Released Prior to this Request	$ 0.00
Balance Prior to This Release	$ 636,205.20
Recommended Amount This Release	**$ 178,401.00**
Total Construction Escrow Balance Remaining After This Release	$ 457,804.20

Enclosed, you will find the Summary of Construction Cost Breakdown. Please review and process for release. Should you have any questions, please feel free to contact me at (610) 422-2499.

Sincerely,

PENNONI

Khaled R. Hassan, PE
Township Engineer
cc: Terry Castorina, Executive Assistant to the Township Manager
Ashley McIlvaine, Special Assistant to the Township Manager

1231 Susquehanna Rd
Escrow Release Detail
As of 8/12/2022

Descripton	Quantity	Unit	Price	Amount	Quantity Released	% Quanity Released	Dollar Release Request	Escrow Remaining
Layout								
Setout Survey	1	LS	5,000.00	5,000.00	1.00	100%	5,000.00	-
Concrete Monuments/Pins	26	EA	120.00	3,120.00	-	0%	-	3,120.00
Sub Total				8,120.00			5,000.00	3,120.00
Erosion & Sediment Control								
Construction Entrance (with wash rack)	1	EA	1,600.00	1,600.00	1.00	100%	1,600.00	-
18" Filter Sock	1844	LF	5.00	9,220.00	1,844.00	100%	9,220.00	-
Inlet Protection	19	EA	600.00	11,400.00	2.00	11%	1,200.00	10,200.00
Tree Protection Fence	1829	LF	4.00	7,316.00	1,829.00	100%	7,316.00	-
12" Compost Filter Sock	846	LF	4.00	3,384.00	846.00	100%	3,384.00	-
Concrete Washout	1	EA	500.00	500.00	-	0%	-	500.00
Sub Total				33,420.00			22,720.00	10,700.00
Earthwork								
Clearing and Grubbing	1	LS	10,000.00	10,000.00	0.90	90%	9,000.00	1,000.00
Cut & Fill	1	LS	25,000.00	25,000.00	0.80	80%	20,000.00	5,000.00
Temporary Seeding	1	LS	2,000.00	2,000.00	0.80	80%	1,600.00	400.00
Sub Total				37,000.00			30,600.00	6,400.00
Storm System								
12' x 100' Infiltration Trench	1	EA	3,000.00	3,000.00	1.00	100%	3,000.00	-
Connect to Ex Storm MH	1	EA	800.00	800.00	1.00	100%	800.00	-
Type C or M Inlet	16	EA	1,500.00	24,000.00	14.00	88%	21,000.00	3,000.00
Storm Manhole	1	EA	1,500.00	1,500.00	1.00	100%	1,500.00	-
18"CPP	850	LF	30.00	25,500.00	625.00	74%	18,750.00	6,750.00
36" Perforated CCP	297	LF	53.00	15,741.00	297.00	100%	15,741.00	-
On-Lot Seepage Bed	5	EA	2,000.00	10,000.00	-	0%	-	10,000.00
8" Base Drain	47	LF	16.00	752.00	-	0%	-	752.00
8" Cleanout Connect to 7" HOPE Base Drain	1	EA	600.00	600.00	-	0%	-	600.00
Sub Total				81,893.00			60,791.00	21,102.00
Paving								
Susquehanna Rd								
6" 2a Modified Subbase	277	SY	7.00	1,939.00	-	0%	-	1,939.00
4" BCBC 25mm Base Course	277	SY	13.00	3,601.00	-	0%	-	3,601.00
2.5" 19mm Binder Course	277	SY	8.00	2,216.00	-	0%	-	2,216.00
Mill & Overlay 1.5" 9.5mm Wearing Course	672	SY	5.00	3,360.00	-	0%	-	3,360.00
Sweep and Tack Coat	672	SY	1.00	672.00	-	0%	-	672.00
Christine Lane								
6" 2a Modified Subbase	2495	SY	7.00	17,465.00	2,495.00	100%	17,465.00	-
4" BCBC 25mm Base Course	2495	SY	13.00	32,435.00	-	0%	-	32,435.00
2.5" 19mm Binder Course	2495	SY	8.00	19,960.00	-	0%	-	19,960.00
Mill & Overlay 1.5" 9.5mm Wearing Course	2495	SY	5.00	12,475.00	-	0%	-	12,475.00
Sweep and Tack Coat	2495	SY	1.00	2,495.00	-	0%	-	2,495.00
Sub Total				96,618.00			17,465.00	79,153.00
Landscaping								
Street Trees	20	EA	250.00	5,000.00	-	0%	-	5,000.00
Replacement Trees	64	EA	225.00	14,400.00	-	0%	-	14,400.00
Flowering Trees	27	EA	75.00	2,025.00	-	0%	-	2,025.00
Shrubs	45	EA	25.00	1,125.00	-	0%	-	1,125.00
Sub Total				22,550.00			-	22,550.00

Utilities								
Sewer Line		378 LF	30.00	11,340.00	-	0%	-	11,340.00
Sanitary Manholes		3 EA	1,800.00	5,400.00	-	0%	-	5,400.00
Sewer Testing		1 LS	1,500.00	1,500.00	-	0%	-	1,500.00
	Sub Total			18,240.00			-	18,240.00
Miscellaneous								
Retaining Walls		355 LF	150.00	53,250.00	-	0%	-	53,250.00
Street & Traffic Signs		2 EA	300.00	600.00	-	0%	-	600.00
Concrete Curb		1528 LF	35.00	53,480.00	1,195.00	78%	41,825.00	11,655.00
Interior Sidewalk		4850 SF	15.00	72,750.00	-	0%	-	72,750.00
Susquehanna Road Sidewalk		1590 SF	15.00	23,850.00	-	0%	-	23,850.00
As-Built Plans		1 LS	5,000.00	5,000.00	-	0%	-	5,000.00
Driveway Apron		570 SF	20.00	11,400.00	-	0%	-	11,400.00
ADA Curb Ramps		2 EA	2,000.00	4,000.00	-	0%	-	4,000.00
Relocate Existing Utility Pole		1 LS	5,000.00	5,000.00	-	0%	-	5,000.00
Street Lights		2 EA	1,500.00	3,000.00	-	0%	-	3,000.00
	Sub Total			232,330.00			41,825.00	190,505.00
Contingency								
Contingency - 10%		1 LS	53,017.10	53,017.10			-	53,017.10
Engineering & Inspection - 10%		1 LS	53,017.10	53,017.10			-	53,017.10
	Sub Total			106,034.20			-	106,034.20
	Total Construction			~~530,171.00~~ 636,205.20			178,401.00	~~351,770.00~~ 457,804.20

Thomas DiEgidio
Dated 8/12/2022

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-06-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☑ No ☐
Public Works		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☑ No ☐

AGENDA ITEM:

Paper Recycling Bid

EXECUTIVE SUMMARY:

A waste paper recycling bid was advertised for the township's recycling program on September 2nd and again on September 8th in the Courier Times. Bids were accepted from interested and qualified vendors electronically via PennBid until 11 AM on Monday, September 19, 2022 when bids were opened electronically. Although there were over a dozen companies that downloaded the bid specifications only one bid was received from our current vendor Newman and Co., Inc. Our current contract with Newman and Co., Inc. expires October 15, 2022.

PREVIOUS BOARD ACTIONS:

There are no previous board actions for this bid.

RECOMMENDED BOARD ACTIONS:

Motion to reject the 2022 Recycling Services Paper Hauling, Processing and Marketing Bid submitted by Newman and Co., on September 19, 2022.

TOWNSHIP OF ABINGTON

REQUEST FOR BIDS

PAPER RECYCLING SERVICES
HAULING, PROCESSING AND MARKETING

SUBMITTAL DEADLINE:
11:00 AM on Monday, September 19, 2022

Via PennBid-ONLY
https://pennbid.procureware.com/home

PRE-BID MEETING:
(Not Mandatory- In-Person)
10:00 AM on Thursday, September 8, 2022
at the Public Works Facility located at
2201 Florey Lane, Abington PA 19001

QUESTIONS DEADLINE:
5:00 PM on Monday, September 12, 2022

Via PennBid-ONLY

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1. Legal Notice

Request /Invitation to Bid

Waste Paper Recycling, Hauling, Processing and Marketing Services

NOTICE IS HEREBY GIVEN that the Township of Abington, Montgomery County, PA is seeking Bids from qualified vendors interested in providing Waste Paper Recycling Hauling, Processing and Marketing Services for approximately 3,200 tons of mixed paper and cardboard recycling generated by Abington Township annually.

Bids will be accepted until 11:00 AM, prevailing time, on Monday, September 19, 2022, via PennBid (https://pennbid.procureware.com/home) ONLY, at which time bids will be electronically opened. An in-person pre-bid meeting is scheduled for Thursday, September 8, 2022, 10:00 AM, at the Abington Township Public Works facility located at 2201 Florey Lane, Abington, PA 19001. The pre-bid meeting is NOT mandatory but recommended to visualize the current operation. Questions may be submitted via the "Questions" feature on PennBid until 5:00 PM, Monday, September 12, 2022 where answers to questions will be posted for all to view.

All documents and solicitation details are available online via PennBid.

All bids are to be accompanied by a bid bond or certified check in the amount of 10% of the total bid package. The successful bidder shall be required to furnish a separate performance bond with corporate surety issued by a company authorized to conduct business in the Commonwealth of Pennsylvania, to secure the faithful performance of the contract. The Township reserves the right to waive any minor informalities, irregularities or defects in the bid; or to reject any or all of the bids. Acceptance of any bid submitted pursuant to this Request for Bids shall not constitute any implied intent to enter into a contract.

Late submittals will not be accepted. Failure to comply with the requirements set forth in this Request for Bids may result in disqualification. Bids and/or modifications received after the hour and date specified above will not be considered.

Submitted bids may be withdrawn at any time prior to the submission time specified in this Request for Bids, provided notification is received in writing before the submittal deadline. Prior to awarding a contract, bids may be held by the Township for a period not to exceed sixty (60) days from the date of the bid opening. During this period, no bid may be changed or withdrawn except in accordance with the Withdrawal of Bid Law, Act of January 23, 1974, P.L. 9, No. 4, 73 P.S. § 1601, *et seq*. The responding Bidder is solely responsible for all costs incurred in preparation of the bid.

The award of a contract, if any, will be made to the Bidder who in the Township's sole discretion is best able to perform the required services in a manner most beneficial to the Township.

2. Schedule:

1. Bid Acceptance

Bids will be accepted until 11:00 AM, prevailing time, on Monday, September 19, 2022, via PennBid (https://pennbid.procureware.com/home) ONLY, at which time bids will be electronically opened.

2. Pre-Bid Meeting

An in-person pre-bid meeting is scheduled for Thursday, September 8, 2022, 10:00 AM, at the Abington Township Public Works facility located at 2201 Florey Lane, Abington, PA 19001. The pre-bid meeting is NOT mandatory but recommended to visualize the current operation.

3. Questions

Questions may be submitted via the "Questions" feature on PennBid until 5:00 PM, Monday, September 12, 2022 where answers to questions will be posted for all to view.

3. Contract Term:

The Township's current Paper Recycling Contract expires October 15, 2022. This Contract will commence **7 AM on Monday, October 17, 2022**. The contract term shall be for an initial period/term of three (3) years with the possibility of two (2), one (1) year renewals upon mutual acceptance in writing by the Successful Bidder and the Township at a minimum of sixty (60) days prior to the expiration date of the then-current term. The terms of the contract shall remain unchanged and continuous throughout the initial and renewal periods.

4. Purpose and Information:

The purpose of this bid package is to secure one (1) qualified vendor to haul, process and market the Township's waste paper recycling that is collected through its residential and commercial curbside collection program. Below is a table that includes total tons collected and processed over the last three years.

Tons	2019	2020	2021
Per Year	3,135.88	3,353.88	3,157.27

The successful bidder shall provide up to two (2), walking floor transfer trailers per work day, Monday-Friday *(Township holidays excluded)* capable of hauling between 12 and 17 tons of Mixed Paper and (OCC) Cardboard per day. The current operation is such that one (1) transfer trailer is left on-site to be loaded by Public Works staff using a front-end loader

that packs each load with the bucket for maximum tonnage per load. The loaded trailer is left on-site where a truck is able to "hook up and go" anytime between 7 AM-3 PM, Monday – Friday *(Township holidays excluded)*. Weight of loads may vary due to the composition of load varying. The day after a holiday is double day for paper collection, meaning that if a holiday is on a Monday, all of Monday's and Tuesday's paper recycling is collected on Tuesday. Double days may require an additional load and the successful bidder is expected to work with and coordinate requested additional trailers. Currently the mixed paper and OCC is transferred at the Public Works Facility located at 2201 Florey Lane, Abington PA 19001, however possibly within the contract period, the location of pick-up may change to the Recycling Consortium's Transfer Station located at 1030 Fitzwatertown Road in Upper Dublin Township. **The Township reserves the right to change the pick-up location at any time during the contract period without changing the terms of the contract**.

5. Pre-Bid Meeting/Site Inspection and Facility Tour

A Non-Mandatory Pre-Bid Meeting is scheduled for Thursday, September 8, 2022, 10:00 AM, at the Abington Township Public Works facility located at 2201 Florey Lane, Abington, PA 19001. The pre-bid meeting is NOT mandatory but is recommended to visualize the current operation. All in attendance will be required to wear a safety vest and sign an attendance sheet providing name of attendee, company represented, phone number and email address. Public Works staff will be facilitating the tour and will answer questions. All questions and answers at the pre-bid meeting will be recorded and posted to the PennBid website. Please dress accordingly for the weather. There will be no rain date.

6. Questions and Addenda

To ensure fair consideration for all bidders, outside of the Pre-Bid Meeting, there will be no verbal communication with any Township official or employee during the bid process regarding the submission process or interpretations. Any and all questions concerning the bid package must be entered and asked via PennBid. All questions asked and answers provided at the pre-bid meeting will be entered into PennBid for all to view. All conditions and requirements outlined in the bid shall become conditions of the Contract. If needed, Addenda will be issued and posted to the documents section in PennBid no later than Wednesday September, 14, 2022.

7. Submittal of Bids

All Bids are to be submitted electronically via PennBid by the 11:00 AM deadline on Monday, September 19, 2022 at (https://pennbid.procureware.com/home) ONLY, at which time bids will be electronically opened.

All bids are to be accompanied by a bid bond or certified check in the amount of 10% of the total bid package.

All documents must be entered into PennBid by the due date and time. Any document submitted or received after this date and time shall not be considered.

There will be no sub-contracting of any portions of this bid allowed by the Township.

Bids by corporations must be executed in the corporate name by the president or vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal must be affixed and attested by the secretary or an assistant secretary. The corporate address and state of corporation must be shown below the signature.

Bids by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature and the official address of the partnership must be shown below the signature.

All names must be typed or printed below the signatures.

Bids must be priced on a lump sum basis for the base contract and include a separate price for each part described in the Bid Specifications as provided for in the Bid Proposal.

The Bid price shall include such amounts as the Bidder deems proper for overhead and profit.

Bids may be modified or withdrawn by an appropriate document duly executed (in the manner that a Bid must be executed) and delivered to the place where Bids are to be submitted at any time prior to the opening of Bids. Bids may be withdrawn after bid opening only as set forth in PA Act 4 Pennsylvania Public Contract Bid Withdrawal Law, 72 P.S. § 1601 et seq. (Act 4 of 1974), as amended from time to time. Thereafter, the Bidder will be disqualified from further bidding on the Work to be provided under the Bidding Documents or supplying any material/labor or performing any work to any person to whom a contract for this work is awarded.

8. Required Forms and Documents

Failure to include the following completed forms may result in the bid submittal being determined "unresponsive" and therefore disqualified by the Township.

<u>Required Forms/Documents:</u>

Bid Bond
Consent of Surety
Non-Collusion Affidavit
Financial Statement of Bidder
Experience Record
Bid Proposal Form

9. Award of Contract

The Township reserves the right to reject any and all bids, to waive any and all formalities and the right to disregard all nonconforming, non-responsive, unbalanced or unconditional Bids. Also, the Township reserves the right to reject the Bid of any Bidder if the Township believes that it would not be in the best interest of the Township to make an award to that Bidder, whether because the Bid is not responsive or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the Township.

In evaluating Bids, the Township will consider the qualifications of the Bidders, whether or not the Bids comply with the prescribed requirements and such alternates, unit prices and other data, as may be requested in the Bid Proposal.

The Township may conduct such investigation as deemed necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders, and the bidder's ability to perform and furnish the required service in accordance with the Bidding Documents to the Township's satisfaction within the prescribed time.

If the contract is to be awarded, it will be awarded to the lowest responsive and responsible Bidder whose evaluation by the Township indicates that the award is in the best interests of the Township of Abington.

If the contract is to be awarded the Township will issue to the Successful Bidder a Notice of Award within sixty (60) days after the day of the Bid Opening.

10. Execution of Contract

When the Successful Bidder delivers the contract to the Township, it must be accompanied by the required performance bond. EACH BID PROPOSAL SHALL BE ACCOMPANIED BY A CONSENT OF SURETY FROM AN APPROVED SURETY COMPANY THAT IS LICENSED TO CONDUCT BUSINESS IN THE COMMONWEALTH OF PENNSYLVANIA; AND SUCH LETTER SHALL STATE THAT THE SURETY BOND AND ANY BOND THAT IS MADE A CONDITION OF THE AWARDING OF THIS CONTRACT AND ANYWHERE IN THIS PROPOSAL WILL BE PROVIDED.

When the Township issues the Notice of Award to the Successful Bidder, it will be accompanied by the required number of unsigned counterparts of the Contract. Within five (5) days thereafter, the Successful Bidder shall sign and deliver the required number of counterparts of the Contract to Township with the required Performance Bond. Within thirty (30) days thereafter Township shall deliver one fully signed Counterpart to the Successful Bidder.

The Township is exempt from Federal tax and Pennsylvania State, Sales and Use taxes on all goods and services it purchases. Said taxes shall not be included in the Contract price.

The Pennsylvania Right-to-Know-Law provides for access to public records to legal residents of the United States. If you submit a bid, please be aware that under the Right-to-Know-Law all bidding documents will be subject to disclosure upon request. If you are the successful bidder, documents in your possession which directly relate to the governmental function of Abington Township and are not otherwise exempt under the Right-to-Know-Law may be considered a public record and may be subject to disclosure.

11. Non-Collusion Affidavit

NON-COLLUSION AFFIDAVIT

FOR THE TOWNSHIP OF ABINGTON

COMMONWEALTH OF PENNSYLVANIA

:SS

COUNTY OF_____:

I, _____, of_____
(Name of Contractor)

in the County of_____and the State of_____
of full age, being duly sworn according to law on my oath depose and say that:

I am _____of the firm

_____, the Bidder making the Proposal for the aforementioned project, and that I executed the said Proposal with full authority so to do; that said Bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct and made with the full knowledge that the Township of Abington relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project, undersigned, on behalf of the bidder, has not been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction involving conspiracy or collusion with respect to bidding on any public contract within the last three years.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understand for a commission, percentage, brokerage, or contingent fee, except bona fide established commercial or selling agencies maintained bid.

_____ (Name of Bidder)

_____
(Signature & Title)

Attest:

_____ _____
(Print or Type Name & Title)

Sworn to and subscribed before me this_____day of _____ 20____

_____
Notary Public

My Commission Expires_____20_____.

12. Financial Statement of Bidder

FINANCIAL STATEMENT OF BIDDER

NOTE: This affidavit must be executed and submitted with the Bid. The data furnished are for the information of the Township of Abington and will not be made public.

State of _____:

: SS

County of_____:

_____, being duly sworn according to law, deposes and says that the following is a true statement of (his) (their) (its) financial condition at the end of the month preceding the date of (his) (their) (its) proposal to the Township of Abington, attached hereto:

_____

_____

_____

_____

BIDDER

Date: _____ By: _____

Sworn to and subscribed before me this_____day of_____, 20_____

_____

Notary Public

NOTE: This financial statement must be submitted with the proposal and failure to submit will be considered justification for rejection of the Bidder's Proposal.

13. Experience Record

EXPERIENCE RECORD

Complete the following experience record and attach same to the PROPOSAL covering work performed or contracts held, (whichever applies) during the past five (5) years.

Date Started	Date Finished	Amount of Contract	Name of Client	Name of Project

(We are) (I am) presently working on the following projects:

_____
_____
_____
_____
_____
_____

Have you ever defaulted on a project? Yes_____ No_____

If yes, give the name of that contract was held with, name of bonding company and circumstances:

_____
_____
_____

_____
Contractor

Date: _____ By_____

NOTE: This experience record must be submitted with the proposal, and failure to submit this, will be considered justification for rejection of the Bidder's proposal.

14. Bid Form

COMMISSIONERS OF THE TOWNSHIP OF ABINGTON
c/o Richard J. Manfredi
Township Manager
1176 Old York Road
Abington, Pennsylvania 19001

To Whom It May Concern:

We hereby submit a bid for Waste Paper Recycling Services, to include Hauling, Processing and Marketing for the Township of Abington in strict accordance with the attached specifications via PennBid only:

Utilizing www.Recyclingmarkets.net, Secondary Fiber Pricing, Market Region #2 Northeast USA/Maritimes, Mixed Paper, PS#54, Regional High Price; Bidder agrees to pay the Township of Abington $_____ per ton over the Regional High Price. This price will be adjusted monthly based on the exact changes in the PS#54 Regional High Price. The Township will never be paid less than $_____ per ton nor more than $_____ per ton even if the PS#54 payment falls below or rises above the differentials.

Base the TOTAL BID pricing on approximately 3,200 tons per year and the last twelve (12) months PS#54 High Price historical data from Recyclemarkets.net.

TOTAL BID_____

EXCLUDE Federal Tax and Pennsylvania Tax

Contract Start Date: **7:00 AM** **October 17, 2022**

Enclosed is a Bid Bond in the amount equal to 10% of the Bid _____

I understand that if our proposal is accepted by the Township, we will provide the Township with a Performance Bond for the full amount of the Bid, satisfactory to the Township Solicitor, to guarantee performance, in accordance with the specifications set forth herein.

_____
Firm Name

_____
Address

By:_____
Signature and Print Name

_____
Telephone Number

100% Recycled for more than 90 years

NEWMAN PAPERBOARD

Township of Abington
Department of Public Works
2201 Florey Lane
Abington, PA 19001

September 15, 2022

Reference: Bid Request Response: "Paper Recycling Services Hauling, Processing and Marketing"

To whom it may concern;

Thank you for considering our bid proposal response to provide recycling services for Mixed Paper. We would be happy to extend our current relationship with Abington Township starting on October 17th, 2022. We have attached all required documentation as well as included a pricing detail page to clarify the historical pricing used to calculate the pricing formula's submitted on the "#14 Bid Form".

We have listened to feedback from your operations and we would like to extend the following benefits to you in addition to the pricing presented in this proposal;

- Extra movement can be provided during peak holiday collection cycles as needed
- 24 hour service options
- A dedicated dispatcher for your collection program is available via email and phone
- Onsite Mill visits available for your staff and personnel to learn about recycling
- We would welcome the opportunity to support your educational community programs
- Available, knowledgeable staff to help the township achieve environmental goals
- Flexible collection and packing options are available to assist when or if a new collection area is implemented in the future

Choosing to recycle your paper at our family-owned mill in Philadelphia supports over 250 local jobs and plays an important part in manufacturing a Made in the USA product. The finished chipboard product gets converted into puzzles, game boards, jewelry boxes and more.

Thank you again for your consideration of our proposal. Please let us know if there are any specifications that require clarification. We would be proud to continue to include you in our 102 years of local paper making history. You can reach us at 215.333.8700.

Respectfully Submitted,

Toni Koenigsberg
Newman & Co. Inc.

11. Non-Collusion Affidavit

NON-COLLUSION AFFIDAVIT

FOR THE TOWNSHIP OF ABINGTON

COMMONWEALTH OF PENNSYLVANIA

:SS

COUNTY OF Philadelphia :

I, Jessica Solomon, of Newman & Co. Inc.
(Name of Contractor)

in the County of Philadelphia and the State of Pennsylvania
of full age, being duly sworn according to law on my oath depose and say that:

I am President of the firm

Newman & Co. Inc., the Bidder making the Proposal for the aforementioned project, and that I executed the said Proposal with full authority so to do; that said Bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this affidavit are true and correct and made with the full knowledge that the Township of Abington relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project, undersigned, on behalf of the bidder, has not been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction involving conspiracy or collusion with respect to bidding on any public contract within the last three years.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understand for a commission, percentage, brokerage, or contingent fee, except bona fide established commercial or selling agencies maintained bid.

Newman & Co. Inc. (Name of Bidder)

President
(Signature & Title)
Jessica Solomon

Attest:

David E Levin Chief Financial Officer
(Print or Type Name & Title)

Sworn to and subscribed before me this 15 day of September 2022

Notary Public

My Commission Expires May 5 2026.

Commonwealth of Pennsylvania - Notary Seal
Caitlin McTeigue, Notary Public
Philadelphia County
My Commission Expires May 5, 2026
Commission Number 1413111

6101 Tacony St.
Philadelphia, PA 19135

12. Financial Statement of Bidder

FINANCIAL STATEMENT OF BIDDER

NOTE: This affidavit must be executed and submitted with the Bid. The data furnished are for the information of the Township of Abington and will not be made public.

State of Pennsylvania :

: SS

County of Philadelphia:

David E Levin, being duly sworn according to law, deposes and says that the following is a true statement of (his) (their) (its) financial condition at the end of the month preceding the date of (his) (their) (its) proposal to the Township of Abington, attached hereto:

See attached

BIDDER

Date: 9.15.22 By: [signature]
David Levin

Sworn to and subscribed before me this 15 day of September, 2022

Commonwealth of Pennsylvania - Notary Seal
Caitlin McTeigue, Notary Public
Philadelphia County
My Commission Expires May 5, 2026
Commission Number 1413111

[signature]
Notary Public

NOTE: This financial statement must be submitted with the proposal and failure to submit will be considered justification for rejection of the Bidder's Proposal.

6101 Tacony St.
Philadelphia, PA
19135

100% Recycled for more than 90 years

NEWMAN PAPERBOARD

Township of Abington
Department of Public Works
2201 Florey Lane
Abington, PA 19001

September 15, 2022

Reference: Bid Request Response: "Paper Recycling Services Hauling, Processing and Marketing"

Financial Statement

For the year ended November 30, 2021 (the Company's fiscal year):

- Sales were approximately $53 million,
- Operating Profit was approximately 6.5% of Sales,
- Current Assets were approximately $16 million,
- Current Liabilities were approximately $3 million, and
- No long-term debt.

The Company's current year results are similar to 2021.

We hope this financial statement along with our long standing history of on time payments to Abington Township will satisfy your requirements, assure you of our good financial standing and ability to complete the contract terms proposed.

Additional information will be provided for private evaluation upon request.

Feel free to reach out directly to CFO David Levin, 215.338.8700 or dlevin@newmanpaperboard.com

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2021

CAPITAL STOCK $ 6,480,000

ASSETS		LIABILITIES & SURPLUS	
BONDS	$ 4,427,068,873	LOSSES	$ 1,224,258,147
STOCKS	90,892,063	LOSS ADJUSTMENT EXPENSES	157,266,812
CASH AND INVESTED CASH	3,876,380	COMMISSIONS	49,977,844
OTHER INVESTED ASSETS	4,609,133	OTHER EXPENSES	46,607,590
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	7,433,086	TAXES, LICENSES AND FEES	16,656,025
INVESTMENT INCOME DUE AND ACCRUED	37,877,324	CURRENT FEDERAL AND FOREIGN INCOME TAXES	1,972,277
PREMIUM BALANCES	294,081,729	UNEARNED PREMIUMS	1,212,347,629
REINSURANCE RECOVERABLE	70,677,646	ADVANCE PREMIUM	1,824,313
NET DEFERRED TAX ASSET	60,156,960	POLICYHOLDER DIVIDENDS	14,256,052
OTHER ASSETS	3,286,703	CEDED REINSURANCE NET PREMIUMS PAYABLE	47,473,619
		AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	42,097,038
		REMITTANCES AND ITEMS NOT ALLOCATED	10,579,448
		PROVISION FOR REINSURANCE	6,873,132
		PAYABLE TO PARENT, SUBSIDIARIES AND AFFILIATES	40,373,235
		PAYABLE FOR SECURITIES LENDING	7,433,086
		ESCHEAT LIABILITY	537,132
		RETROACTIVE REINSURANCE RESERVE ASSUMED	816,092
		OTHER ACCRUED EXPENSES AND LIABILITIES	250,005
		TOTAL LIABILITIES	$ 2,881,596,277
		CAPITAL STOCK	$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,676,177,878
		TOTAL SURPLUS TO POLICYHOLDERS	$ 2,116,461,638
TOTAL ASSETS	$ 5,000,059,915	TOTAL LIABILITIES & SURPLUS	$ 5,000,059,915

STATE OF CONNECTICUT)

COUNTY OF HARTFORD) SS.

CITY OF HARTFORD)

MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS VICE PRESIDENT – FINANCE, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2021.

Michael J Doody

VICE PRESIDENT – FINANCE

NOTARY PUBLIC

SUBSCRIBED AND SWORN TO BEFORE ME THIS
17TH DAY OF MARCH, 2022

SUSAN M. WEISSLEDER
Notary Public
My Commission Expires November 30, 2022

SUSAN M. WEISSLEDER NOTARY PUBLIC CONNECTICUT

13. Experience Record

EXPERIENCE RECORD

Complete the following experience record and attach same to the PROPOSAL covering work performed or contracts held, (whichever applies) during the past five (5) years.

Date Started	Date Finished	Amount of Contract	Name of Client	Name of Project
1/1/18	12/2021	(+) 530,307.26	Lower Merion	Recycling Services, Hauling, Processing, Marketing
1/1/16	12/31/2021	(-) 48,774.65	Perkasie Borough	Recycling Services Hauling, Processing,
10/1/19	9/30/21	(-) 7,346.23	City of Philadelphia	Recycling Services & Destruction, Recycling

(We are) (I am) presently working on the following projects:

Township of Abington - Mix Paper Recycling - Current
City of Allentown - 2017 - Current
Lower Merion 2022 - current, 200-300 TON/Month
Maryland Environmental Services - Monthly / Every 3 months appr. 160-200 / TON / month
Perkasie Borough 2020 - current, 20-30 TON/month

Have you ever defaulted on a project? Yes_____ No ✓

If yes, give the name of that contract was held with, name of bonding company and circumstances:

Newman & Co. Inc.
Contractor

Date: 9.15.22 By [signature]

NOTE: This experience record must be submitted with the proposal, and failure to submit this, will be considered justification for rejection of the Bidder's proposal.

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we
Newman & Company, Inc.
6101 Tacony Street
Philadelphia, PA 19135
as Principal, hereinafter called the Principal, and the
Travelers Casualty and Surety Company of America
10 Sentry Parkway, Suite 300
Blue Bell, PA 19422
a corporation duly organized under the laws of the State of **Connecticut,**
and authorized to transact business in the State of **Pennsylvania** as Surety,
hereinafter called the Surety, are held and firmly bound unto
Township of Abington
1176 Old York Road
Abington, PA 19001
as Obligee, hereinafter called the Obligee, in the sum of **Ten Percent (10%) of the total bid package** Dollars **(10%)**
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for
Waste Paper Recycling, Hauling, Processing and Marketing Services

NOW, THEREFORE, If the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety acceptable to the Obligee, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this **19th** day of **September, 2022**

Witness

Colin M. Montgomery Witness

Principal **Newman & Company, Inc.**

By:

Surety **Travelers Casualty and Surety Company of America**

By:

Kevin P. Adams, Attorney-in-Fact

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
HARTFORD, CONN.

TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Kevin P. Adams** of **PHILADELPHIA**, **Pennsylvania**, their true and lawful Attorney(s)-In-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April, 2021.**

State of Connecticut

City of Hartford ss.

By: _____
Robert L. Raney, Senior Vice President

On this the **21st** day of **April, 2021**, before me personally appeared **Robert L. Raney,** who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-In-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-In-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-In-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **19th** day of **September**, **2022**.

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

CONSENT OF SURETY

Date: **September 19, 2022**

Township of Abington
1176 Old York Road
Abington, PA 19001

RE: Waste Paper Recycling, Hauling, Processing and Marketing Services

GENTLEMEN:

WE, **Travelers Casualty and Surety Company of America**, a **Connecticut** corporation duly authorized to transact business in the **State** of **Pennsylvania** hereby undertake that if the bid of **Newman & Company, Inc.** be low and they are subsequently awarded the contract, we will furnish such final bonds as required.

Travelers Casualty and Surety Company of America

By: _____
Kevin P. Adams, Attorney-In-Fact

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
HARTFORD, CONN.

TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Kevin P. Adams** of **PHILADELPHIA**, **Pennsylvania**, their true and lawful Attorney(s)-In-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April, 2021.**

State of Connecticut

City of Hartford **ss.**

By: _____
Robert L. Raney, Senior Vice President

On this the **21st** day of **April, 2021**, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes,** the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **19th** day of **September**, **2022**.

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

14. Bid Form

COMMISSIONERS OF THE TOWNSHIP OF ABINGTON
c/o Richard J. Manfredi
Township Manager
1176 Old York Road
Abington, Pennsylvania 19001

To Whom It May Concern:

We hereby submit a bid for Waste Paper Recycling Services, to include Hauling, Processing and Marketing for the Township of Abington in strict accordance with the attached specifications via PennBid only:

Utilizing www.Recyclingmarkets.net, Secondary Fiber Pricing, Market Region #2 Northeast USA/Maritimes, Mixed Paper, PS#54, Regional High Price; Bidder agrees to pay the Township of Abington $ 59.99 per ton ~~over~~ under the Regional High Price. This price will be adjusted monthly based on the exact changes in the PS#54 Regional High Price. The Township will never be paid less than $ 59.99 per ton under #54 nor more than $ 59.99 per ton under #54 even if the PS#54 payment falls below or rises above the differentials. Floor and Ceiling price will follow Formula.

Base the TOTAL BID pricing on approximately 3,200 tons per year and the last twelve (12) months PS#54 High Price historical data from Recyclemarkets.net.

* See attached pricing detail.

TOTAL BID $82,611.00

EXCLUDE Federal Tax and Pennsylvania Tax

Contract Start Date: **7:00 AM October 17, 2022**

Enclosed is a Bid Bond in the amount equal to 10% of the Bid $8,261.20

I understand that if our proposal is accepted by the Township, we will provide the Township with a Performance Bond for the full amount of the Bid, satisfactory to the Township Solicitor, to guarantee performance, in accordance with the specifications set forth herein.

Newman & Co. Inc.
Firm Name

6101 Tacony St, Philadelphia, PA 19135
Address

By: David E Levin
Signature and Print Name

215. 333. 8700
Telephone Number

6101 Tacony St.
Philadelphia, PA 19135

Bid Response: Newman & Co. Inc.
Bid Request: " Paper Recycling Services Hauling, Processing and Marketing"
Re; Pricing Detail

Township of Abington Avg. monthly tons 266 tons; 3200 tons annually

12 months	formula	Recycling Markets HS Northeast Region	$ 59.99	Monthly tons	Total buy price at minus $59.99
1	August of 2021	$ 100.00	$ 40.01	266	$ 10,642.66
2	Sept	$ 105.00	$ 45.01	266	$ 11,972.66
3	October	$ 105.00	$ 45.01	266	$ 11,972.66
4	November	$ 95.00	$ 35.01	266	$ 9,312.66
5	December	$ 80.00	$ 20.01	266	$ 5,322.66
6	January	$ 75.00	$ 15.01	266	$ 3,992.66
7	February	$ 75.00	$ 15.01	266	$ 3,992.66
8	March	$ 80.00	$ 20.01	266	$ 5,322.66
9	April	$ 80.00	$ 20.01	266	$ 5,322.66
10	May	$ 80.00	$ 20.01	266	$ 5,322.66
11	June	$ 80.00	$ 20.01	266	$ 5,322.66
12	July of 2022	$ 75.00	$ 15.01	274	$ 4,112.74
				3200	$ 82,612.00

Total Bid $ 82,612.00

Bid Bond 10% $ 8,261.20

Formula price offered based on: RecyclingMarkets.net, Secondary Fiber Pricing, Market Region #2 Northeast USA/ Maritimes, Mixed Paper, PS #54, Regional High Price

Monthly formula Price: #54 NEHS (-) Minus $59.99/ ton
Floor Price: #54 NEHS (-) Minus $59.99/ ton
Ceiling Price: #54 NEHS (-) Minus $59.99/ ton

Material Value: This pricing formula is based on the evaluation of the current fiber content of your collection.

Changes in material value, collection, pick up location may enable adjustment. Newman & Co. would be willing to discuss alternatives to this contract at any time.

Township of Abington

Wayne C. Luker, *President*
Steven N. Kline, *Vice President*
Richard J. Manfredi, *Manager*
Jay W. Blumenthal, *Treasurer*

October 18, 2017

Newman Paper Company
6101 Tacony Street
Philadelphia, Pa 19135

Attention: David Newman

Enclosed please find the signed agreement between Newman & Company, Inc. and the Township of Abington.

It is always a pleasure doing business with you David.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Ed Micciolo,
Director of Public Works

EM\em

100% Recycled for more than 90 years
NEWMAN PAPERBOARD

6101 TACONY STREET
PHILADELPHIA, PA 19135
215-333-8700
FAX 215-332-8586

AGREEMENT

AGREEMENT made this 15th day of October 2017 by and between NEWMAN & COMPANY, INC., a corporation duly organized under the laws of Pennsylvania, having its principal place of business at 6101 Tacony Street, Philadelphia, Pennsylvania, 19135 (hereinafter "Newman") and the TOWNSHIP OF ABINGTON (hereinafter "Township").

WITNESSETH:

WHEREAS, Township as part of its recycling program is collecting Newspapers, Junk Mail and Mixed Paper, and

WHEREAS, Newman agrees to accept all such unbaled Newspapers, Junk Mail and Mixed Paper (the "Newspapers, Junk Mail and Mixed Paper") from Township,

NOW, THEREFORE, the parties hereto each intending to be legally bound hereby, agree as follows:

I. Product

During the term of this agreement, Township will deliver to Newman, or have delivered, its Newspapers, Junk Mail and Mixed Paper at its facilities located at 6101 Tacony Street, Philadelphia, and Newman agrees to accept and process all of the Newspapers, Junk Mail and Mixed Paper under the following terms and conditions:

A. Newman will provide at its aforesaid facilities an area acceptable to the Township for the deposit of the Newspapers, Junk Mail and Mixed Paper and a means acceptable to the Township for deposit of the Newspapers, Junk Mail and Mixed Paper.

B. Newman shall be responsible to assure there is minimal waiting time to deposit the Newspapers, Junk Mail and Mixed Paper.

II. Costs or Payment

Newman agrees to pay the Township $38 per ton over the OBM Yellow Sheet, #54 Mixed Paper, New York High Side Price for all curbside collected paper delivered to Newman's facility. This price will be adjusted monthly based on the exact changes in the PPI Yellow Sheet. Township will never be paid less than $30.00 per ton nor more than $105.00 per ton even if the PPI Yellow Sheet payment falls below or rises above the mentioned differentials.

Transportation

If Township elects to have Newman pick-up the product at the Township's facility in Abington, Pennsylvania, the following will apply:

C. Newman & Company will dispatch a walking floor trailer to be live-loaded.

D. Loading will be accomplished within roughly one (1) hour.

E. Newman will pay $15 per ton less for any product picked-up at the Township's facility.

F. The above freight allocation noted in C. is based on a minimum of 18 tons per load.

G. Abington will widen its unloading pit to accommodate wider trailers.

II. Municipal Waste Planning, Recycling and Waste Reduction Act (the "Act")

A. Township agrees that it will not adopt any resolutions, ordinances, regulations or orders under the Act or any other authority that adversely affect the implementation of the terms of this agreement.

B. Township agrees that any plan previously submitted or to be submitted to Montgomery County or any other government agency pursuant to the Act was or will be consistent with the intent and terms of this agreement and will acknowledge its existence and that the Township will oppose any attempt by Montgomery County or any other governmental agency to require Township to alter its method of handling the services to be provided under this agreement.

C. Township agrees that it is responsible for the implementation of its recycling and waste reduction program pursuant to Section 1501 of the Act (the "implementation") and that Newman is responsible for the implementation only to the extent of its

specific obligations under this agreement. Township agrees to indemnify, save harmless and defend Newman from all claims, actions, causes of action and demands arising out of any allegation that Newman is responsible for the implementation, except for Newman's specific obligations under this agreement.

D. Township acknowledges that, in implementing its recycling program, it is providing a preference to Newman pursuant to Section 1501(f) of the Act.

III. Term

This agreement shall be in effect and binding upon the parties for a Thirty Six (36) month period, commencing upon the date of execution of this agreement. At the end of the initial term, this agreement can be extended for up to two one (1) year options. This will be accomplished by mutual written consent of both parties sixty (60) days prior to the 36th and/or 48th month anniversaries. The term of this agreement may be extended from time to time upon mutual written agreement of the parties.

IV. Indemnification

A. Newman hereby agrees to indemnify, save harmless and defend the Township from all claims, actions, causes of action and demands including bodily injury and property damage arising out of any negligent acts, effort or omissions of Newman in the performance of its services under this agreement.

B. Township hereby agrees to indemnify, save harmless and defend Newman from all claims, actions, causes of action and demands including bodily injury and property damage arising out of any negligent acts, errors or omissions of Township in the performance of its activities under this agreement.

V. Agreement

A. This instrument contains the entire agreement between the parties and no modification of this agreement shall be effective unless made in writing.

B. Any provision of this agreement found to be invalid under the laws of the Commonwealth of Pennsylvania, shall be deemed

inoperative without invalidating or otherwise affecting any other provisions of this agreement.

VI. Governing Law

This agreement shall be governed by the laws of the Commonwealth of Pennsylvania.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the date first above written.

TOWNSHIP OF ABINGTON

Attest:

By: _____ _____
Witness

Name: Ed Micciola
(please print)

Title: Public Works Director

NEWMAN & COMPANY, INC.

Attest:

By: _____ _____
Witness

Name: David Newman
(please print)

Title: Vice President/General Manager

Newman Comparison - Old Contract

	Tons	Price per/T	Montly Total
21-Aug	280.6	$105.00	$29,463.00
21-Sep	264.33	$105.00	$27,754.65
	248.45	$105.00	$26,087.25
21-Nov	263.59	$105.00	$27,676.95
21-Dec	282.53	$103.00	29,100.59
22-Jan	212.29	$98.00	$20,804.42
22-Feb	215.3	$98.00	$21,099.40
22-Mar	305.62	$103.00	$31,478.86
22-Apr	268.59	$103.00	$27,664.77
22-May	276.18	$103.00	28,446.54
22-Jun	316.09	$103.00	$32,557.27
22-Jul	242.87	$98.00	$23,801.26
	3176.44		$325,934.96

Newman Comparison - New Contract

	Tons	Price per/T	Montly Total	
21-Aug	280.6	40.01	11226.806	
21-Sep	264.33	45.01	11897.4933	
	248.45	45.01	11182.7345	
21-Nov	263.59	35.01	9228.2859	
21-Dec	282.53	20.01	5653.4253	
22-Jan	212.29	15.01	3186.4729	
22-Feb	215.3	15.01	3231.653	
22-Mar	305.62	20.01	6115.4562	
22-Apr	268.59	20.01	5374.4859	
22-May	276.18	20.01	5526.3618	
22-Jun	316.09	20.01	6324.9609	
22-Jul	242.87	15.01	3645.4787	
	3176.44		82593.6144	**295% Decrease**
22-Aug	281.24	-14.99	-4215.7876	45.00/-59.99
22-Sep	281.24	-44.99	-12652.9876	15.00/-59.99

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-07-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Administration		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

Toll Brothers Text Amendment

EXECUTIVE SUMMARY:

The request by Toll Mid-Atlantic, L.P. Company, Inc. i.e. Toll Brothers, as it pertains to the potential redevelopment of a property situated at 711 Fox Chase Road ("St. Basil's") and their request for a proposed zoning text and map amendment creating an age-restricted carriage home overlay district.

At the August 23, 2022 the Planning Commission recommended merging the proposed text amendment by Toll Brothers with the existing SNR Senior Neighborhood zoning district. If the merging of the zoning districts is not feasible, the recommendation is then to approve the text amendment with the following conditions:

1. Add a parking space requirement for the carriage homes.
2. Make the necessary referenced 2103 section and H-12 use typo corrections. The 8/12/22 updated text amendment still referenced section 2301 erroneously and H-12 should be H-13 since H-12 was added by a prior text amendment.
3. Reduce the plantings distance within the buffer area so the plantings are closer to the tract boundary line to provide a more effective screening.

PREVIOUS BOARD ACTIONS:

08.12.22 - A revised Ordinance was sent to address the Planning Commissions comments from the August 4, 2022 meeting. This Ordinance is attached and marked Revised 08.12.22.

08.23.22 - The Planning Commission recommended moving forward to the Comprehensive Plan Consistency Committee on August 31, 2022 with the recommendations stated in the Executive Summary.
09.08.22 - Working Session - recommended to move to the next Board of Commissioners meeting on October 13, 2022

RECOMMENDED BOARD ACTIONS:

Motion to advertise an Ordinance for a Zoning Text Amendment to create the AR - Age-Restricted Carriage Home Overlay District and a Zoning Map Amendment to rezone certain parcels on the northeast side of Fox Chase Road as AR - Age-Restricted Carriage Home overlay.

Revised 08.29.22

TOWNSHIP OF ABINGTON
MONTGOMERY COUNTY, PENNSYLVANIA

ORDINANCE NO.

AN ORDINANCE AMENDING CHAPTER 162 – "ZONING", BY ADDING A NEW ARTICLE XVIIA TO ESTABLISH AN AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT, BY ADDING A NEW LAND USE CATEGORY IDENTIFIED AS AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT AND BY ADDING A PARKING USE REQUIREMENT FOR AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT, AND TO ADD AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT TO THE COMPREHENSIVE USE MATRIX, AND BY AMENDING THE ABINGTON TOWNSHIP ZONING MAP TO ESTABLISH AN AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT.

WHEREAS, the Township of Abington is a Township of the First Class, duly organized and existing pursuant to the applicable laws of the Commonwealth of Pennsylvania; and

WHEREAS, pursuant to Section 1502.44 of the First Class Township Code of the Commonwealth of Pennsylvania, 53 P.S. § 56544 and Section 609 of the Pennsylvania Municipalities Planning Code, 53 P.S. § 10609, the Board of Commissioners has the authority to enact and amend provisions of the Abington Township Code ("Code") at any time it deems necessary for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof; and

WHEREAS, the Board of Commissioners of the Township has determined that the Code of Ordinances of the Township of Abington shall be amended at Chapter 162 – "Zoning" to create an AR Age-Restricted Carriage Home Overlay District and the Zoning Map of Abington Township shall be amended to establish an AR Age-Restricted Carriage Home Overlay District on property located on the northeast side of Fox Chase Road, identified as Tax Parcel Nos. 30-00-22424-00-1 and 30-00-22420-00-5, consisting of approximately 46.37 acres, for the health, safety, morals,

general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof.

NOW, THEREFORE, the Board of Commissioners of the Township of Abington does hereby **ENACT** and **ORDAIN** as follows:

SECTION I. ZONING TEXT AMENDMENTS. The Code of the Township of Abington is amended at Chapter 162 – "Zoning" as follows:

1. The Revised Abington Township Zoning Ordinance, as heretofore amended, is hereby amended to add a new Article XVIIA as follows:

ARTICLE XVIIA: AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT

SECTION 1709. PURPOSE: The purpose and intent of the AR Age-Restricted Carriage Home Overlay District is to provide a specialized overlay district to facilitate residential living by persons that qualify for housing under The Housing for Older Persons Act of 1995, in areas of the Township that are otherwise zoned for certain institutional uses.

SECTION 1710. USE REGULATIONS: A building may be erected, altered or used, and a lot may be occupied or used, in whole or in part, for the following uses and no other, provided that such uses shall comply with the Overlay District regulations established in this Article and all applicable sections of this Ordinance:

A. *See* ***Comprehensive Use Matrix, Appendix.***

B. Accessory uses including clubhouse, swimming pool, bocce, indoor and outdoor recreational uses, trails, fitness center, guest parking, dog park, outdoor grilling, picnic areas and other similar uses to the foregoing.

SECTION 1711. DIMENSIONAL REGULATIONS: The dimensional regulations in the following chart are the Overlay District standards, which must be achieved any use, addition or alteration:

Figure 17.2

AR Age-Restricted Carriage Home Overlay District: Dimensional Requirements

Minimum Site Area	Lot Width	Lot Depth
40 acres gross	N/A	N/A

MINIMUM YARD DIMENSIONS			
Perimeter	Front	Side	Rear
Set back from tract perimeter: - From ultimate right-of-way: 100 feet - From other tract boundary line: 125 feet	30’ dwelling set back from face of curb/edge of cartway	N/A	N/A
COVERAGE (percentage of gross site area)			
Maximum Building Area		Maximum Impervious	Minimum Green Area
25%		50%	50%
OPEN SPACE			
Gross Site Area (in acres) x .40			
DENSITY			
Gross Site Area (in acres) x 3.4			
BUILDING DIMENSIONS			
Maximum Height		Maximum Length	Minimum Separation
35’ maximum, as defined by the Building Code of Abington Township (ICC)		160’	20’

SECTION 1712. SPECIAL DEVELOPMENT REGULATIONS:

A. No retail operations or land uses are permitted even as accessory uses.

B. Residential green area and buffer: Along any boundary line of the tract adjoining an existing residential use, an 125 foot wide green area shall be provided. In addition, a screening buffer conforming to **§ 2403.B.4 Buffer Specifications**, Medium Intensity Buffer Option A, with a depth of not less than 40 feet, shall be situated within the green area, the final location of which shall be determined during land development.

C. Open Space Requirements: Land preserved for open space purposes shall be in compliance with **Open Space Standards of the SALDO** for the Township Zoning Ordinance; provided however that age-restricted carriage home accessory uses such as clubhouse, swimming pool, bocce, indoor and outdoor recreational uses, trails, fitness center, dog park, outdoor grilling, picnic areas, and other similar uses to the foregoing shall be permitted in the open space. Guest parking otherwise serving the community shall not be permitted in the open space.

SECTION 1713. SEVERABILITY: If any section, subsection, or clause of this ordinance shall be deemed to be unconstitutional or otherwise invalid, the validity of the remaining sections, subsections and clauses shall not be affected.

2. The Revised Abington Township Zoning Ordinance, as heretofore amended, Section 2103 (entitled "Categories of Permitted Uses"), Subsection H (entitled "Residential Uses") thereof, is hereby amended to add a "Use H-13: Age-Restricted Carriage Homes" as follows:

> **Use H-13: Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached):** A single-family attached dwelling unit that is age-restricted as provided for by The Housing for Older Persons Act of 1995, as amended. An age-restricted carriage home dwelling unit is a single-family attached dwelling within a multi-dwelling unit building consisting of at least 3 such dwelling units, but not more than 6 such dwelling units, with each unit occupying the total space from ground to roof, and joined to each other by not more than 2 vertical, common party walls, which also serve as the lot line dividing the properties.
>
> 1. Age-restricted carriage homes may be one- or two-level dwelling units above grade, provided they do not exceed the district height limitation and may have a third level serving as a basement.
>
> 2. All age-restricted carriage home dwelling units must connect to public water and sewer.
>
> 3. Age-restricted carriage homes may be defined by the footprint of the dwelling unit. There is no minimum lot size requirement.
>
> 4. Age-restricted carriage homes shall be a minimum of 28' wide and 50' in depth.
>
> 5. Age-restricted carriage homes shall be setback at least 30' from the face of curb/edge of cartway.
>
> 6. Age-restricted carriage homes shall have a minimum building separation of 20'.

3. The Revised Abington Township Zoning Ordinance, as heretofore amended, Section 2304 (entitled "Parking Use Requirements"), Subsection H (entitled "Residential Uses") thereof, is hereby amended to add a new Subsection 13 thereto as follows:

> 13. Use H-13: Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached):

a. 2 parking spaces exclusive of garage space, plus one quarter (1/4) parking space per dwelling unit for visitors and overflow parking. The visitor and overflow parking may be provided in designated on-street parking spaces.

b. Parking spaces may be reduced to 9 feet x 18 feet.

c. Single-car garages may not be utilized as required parking spaces, unless a basement is provided.

4. The Revised Abington Township Zoning Ordinance, as heretofore amended, the Comprehensive Use Matrix thereof, is hereby amended to add a new residential use category, H-13, Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached), which shall only be permitted in the AR Overlay District, as follows: **See Attachment "A".**

SECTION 2. ZONING MAP AMENDMENT.

The Abington Township Zoning Map, Montgomery County, as heretofore amended, is hereby amended as follows:

An AR Age-Restricted Carriage Home Overlay District is established on property located the northeast side of Fox Chase Road, Montgomery County, Pennsylvania, identified as Tax Parcel Nos. 30-00-22424-00-1 and 30-00-22420-00-5, consisting of approximately 46.37 acres, as delineated on Attachment "B", which shall overlay all existing and hereafter created underlying districts applicable to the property in the area designated as "AR Age-Restricted Carriage Home Overlay District" on Attachment "B" hereto.

SECTION 3. All other ordinances, portions of ordinances, or any section of the Code inconsistent with this Ordinance are hereby repealed.

SECTION 4. This Ordinance shall become effective five (5) days after enactment.

ORDAINED AND ENACTED this _____ day of _____, 2022.

TOWNSHIP OF ABINGTON
BOARD OF COMMISSIONERS

Attest:

_____ By: _____

, Secretary , President

ATTACHMENT "A"

ATTACHMENT "B"

TOWNSHIP OF ABINGTON
MONTGOMERY COUNTY, PENNSYLVANIA

ORDINANCE NO.

AN ORDINANCE AMENDING CHAPTER 162 – "ZONING", BY ADDING A NEW ARTICLE XVIIA TO ESTABLISH AN AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT, BY ADDING A NEW LAND USE CATEGORY IDENTIFIED AS AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT, AND TO ADD AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT TO THE COMPREHENSIVE USE MATRIX, AND BY AMENDING THE ABINGTON TOWNSHIP ZONING MAP TO ESTABLISH AN AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT.

WHEREAS, the Township of Abington is a Township of the First Class, duly organized and existing pursuant to the applicable laws of the Commonwealth of Pennsylvania; and

WHEREAS, pursuant to Section 1502.44 of the First Class Township Code of the Commonwealth of Pennsylvania, 53 P.S. § 56544 and Section 609 of the Pennsylvania Municipalities Planning Code, 53 P.S. § 10609, the Board of Commissioners has the authority to enact and amend provisions of the Abington Township Code ("Code") at any time it deems necessary for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof; and

WHEREAS, the Board of Commissioners of the Township has determined that the Code of Ordinances of the Township of Abington shall be amended at Chapter 162 – "Zoning" to create an AR Age-Restricted Carriage Home Overlay District and the Zoning Map of Abington Township shall be amended to establish an AR Age-Restricted Carriage Home Overlay District on property located on the northeast side of Fox Chase Road, identified as Tax Parcel Nos. 30-00-22424-00-1 and 30-00-22420-00-5, consisting of approximately 46.37 acres, for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof.

NOW, THEREFORE, the Board of Commissioners of the Township of Abington does hereby **ENACT** and **ORDAIN** as follows:

SECTION I. ZONING TEXT AMENDMENTS. The Code of the Township of Abington is amended at Chapter 162 – "Zoning" as follows:

1. The Revised Abington Township Zoning Ordinance, as heretofore amended, Section 2301 (entitled "Categories of Permitted Uses"), Subsection H (entitled "Residential Uses") thereof, is hereby amended to add a new Article XVIIA as follows:

ARTICLE XVIIA: AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT

SECTION 1709. PURPOSE: The purpose and intent of the AR Age-Restricted Carriage Home Overlay District is to provide a specialized overlay district to facilitate residential living by persons that qualify for housing under The Housing for Older Persons Act of 1995, in areas of the Township that are otherwise zoned for certain institutional uses.

SECTION 1710. USE REGULATIONS: A building may be erected, altered or used, and a lot may be occupied or used, in whole or in part, for the following uses and no other, provided that such uses shall comply with the Overlay District regulations established in this Article and all applicable sections of this Ordinance:

A. *See* ***Comprehensive Use Matrix, Appendix.***

B. Accessory uses including clubhouse, swimming pool, bocce, indoor and outdoor recreational uses, trails, fitness center, guest parking, dog park, outdoor grilling, picnic areas and other similar uses to the foregoing.

SECTION 1711. DIMENSIONAL REGULATIONS: The dimensional regulations in the following chart are the Overlay District standards, which must be achieved any use, addition or alteration:

Figure 17.2

AR Age-Restricted Carriage Home Overlay District: Dimensional Requirements

Minimum Site Area	Lot Width	Lot Depth
40 acres gross	N/A	N/A
MINIMUM YARD DIMENSIONS		

Perimeter	Front	Side	Rear
Set back from tract perimeter: - From ultimate right-of-way: 100 feet - From other tract boundary line: 125 feet	30’ dwelling set back from face of curb/edge of cartway	N/A	N/A
COVERAGE (percentage of gross site area)			
Maximum Building Area		Maximum Impervious	Minimum Green Area
25%		50%	50%
OPEN SPACE			
Gross Site Area (in acres) x .40			
DENSITY			
Gross Site Area (in acres) x 3.4			
BUILDING DIMENSIONS			
Maximum Height		Maximum Length	Minimum Separation
35’ maximum, as defined by the Building Code of Abington Township (ICC)		160’	20’

SECTION 1712. SPECIAL DEVELOPMENT REGULATIONS:

A. No retail operations or land uses are permitted even as accessory uses.

B. Residential green area and buffer: Along any boundary line of the tract adjoining an existing residential use, an 85 foot wide green area shall be provided. In addition, a screening buffer conforming to the specifications of a high intensity buffer set forth in **§ 2403.B.4 Buffer Specifications**, with a depth of not less than 40 feet, shall be provided between the green area and any structure in the age-restricted carriage home development.

C. Open Space Requirements: Land preserved for open space purposes shall be in compliance with **Open Space Standards of the SALDO** for the Township Zoning Ordinance; provided however that age-restricted carriage home accessory uses such as clubhouse, swimming pool, bocce, indoor and outdoor recreational uses, trails, fitness center, dog park, outdoor grilling, picnic areas, parking serving said facilities and other similar uses to the foregoing shall be permitted in the open space. Guest parking otherwise serving the community shall not be permitted in the open space.

SECTION 1714. SEVERABILITY: If any section, subsection, or clause of this ordinance shall be deemed to be unconstitutional or otherwise invalid, the validity of the remaining sections, subsections and clauses shall not be affected.

2. The Revised Abington Township Zoning Ordinance, as heretofore amended, Section 2301 (entitled "Categories of Permitted Uses"), Subsection H (entitled "Residential Uses") thereof, is hereby amended to add a "Use H-12: Age-Restricted Carriage Homes" as follows:

> **Use H-12: Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached):** A single-family attached dwelling unit that is age-restricted as provided for by The Housing for Older Persons Act of 1995, as amended. An age-restricted carriage home dwelling unit is a single-family attached dwelling within a multi-dwelling unit building consisting of at least 3 such dwelling units, but not more than 6 such dwelling units, with each unit occupying the total space from ground to roof, and joined to each other by not more than 2 vertical, common party walls, which also serve as the lot line dividing the properties.
>
> 1. Age-restricted carriage homes may be one- or two-level dwelling units above grade, provided they do not exceed the district height limitation and may have a third level serving as a basement.
>
> 2. All age-restricted carriage home dwelling units must connect to public water and sewer.
>
> 3. Age-restricted carriage homes may be defined by the footprint of the dwelling unit. There is no minimum lot size requirement.
>
> 4. Age-restricted carriage homes shall be a minimum of 28' wide and 50' in depth.
>
> 5. Age-restricted carriage homes shall be setback at least 30' from the face of curb/edge of cartway.
>
> 6. Age-restricted carriage homes shall have a minimum building separation of 20'.

3. The Revised Abington Township Zoning Ordinance, as heretofore amended, the Comprehensive Use Matrix thereof, is hereby amended to add a new residential use category, H-12, Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached), which shall only be permitted in the AR Overlay District, as follows: **See Attachment "A".**

SECTION 2. ZONING MAP AMENDMENT.

The Abington Township Zoning Map, Montgomery County, as heretofore amended, is hereby amended as follows:

> An AR Age-Restricted Carriage Home Overlay District is established on property located the northeast side of Fox Chase Road, Montgomery County, Pennsylvania, identified as Tax Parcel Nos. 30-00-22424-00-1 and 30-00-22420-00-5, consisting of approximately 46.37 acres, as delineated on Attachment "B", which shall overlay all existing and hereafter created underlying districts applicable to the property in the area designated as "AR Age-Restricted Carriage Home Overlay District" on Attachment "B" hereto.

SECTION 3. All other ordinances, portions of ordinances, or any section of the Code inconsistent with this Ordinance are hereby repealed.

SECTION 4. This Ordinance shall become effective five (5) days after enactment.

ORDAINED AND ENACTED this _____ day of _____, 2022.

TOWNSHIP OF ABINGTON
BOARD OF COMMISSIONERS

Attest:

_____ , Secretary

By: _____ , President

ATTACHMENT "A"

Code	Use	Class (for MS Districts)	AO	BC: Lot < 1 Ac	BC: Abington Towne Center	BC: Foxcroft	BC: Huntingdon Valley	BC: Noble	BC: Willow Grove Park	CS	LP Overlay	MS-H	MS-L	MS-VC	R1	R2	R3	R4	RC	SI-G	SI-W	SNR	AR Overlay
A	**Accessory Uses**																						
A-6	Clubhouse	1	Y							Y	Y								Y			Y	Y
A-18	Outdoor Recreation, Uses Accessory to	N/A		N	N	N	N	N	N	Y		N	N	N			SE	SE	Y				Y
A-24	Swimming Pool	1	NOTE 4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
A-25	Tennis/Sports Court	1	NOTE 4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
H	**Residential Uses**																						
H-12	Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached)	N/A	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y

ATTACHMENT "B"

1/4" TRIM

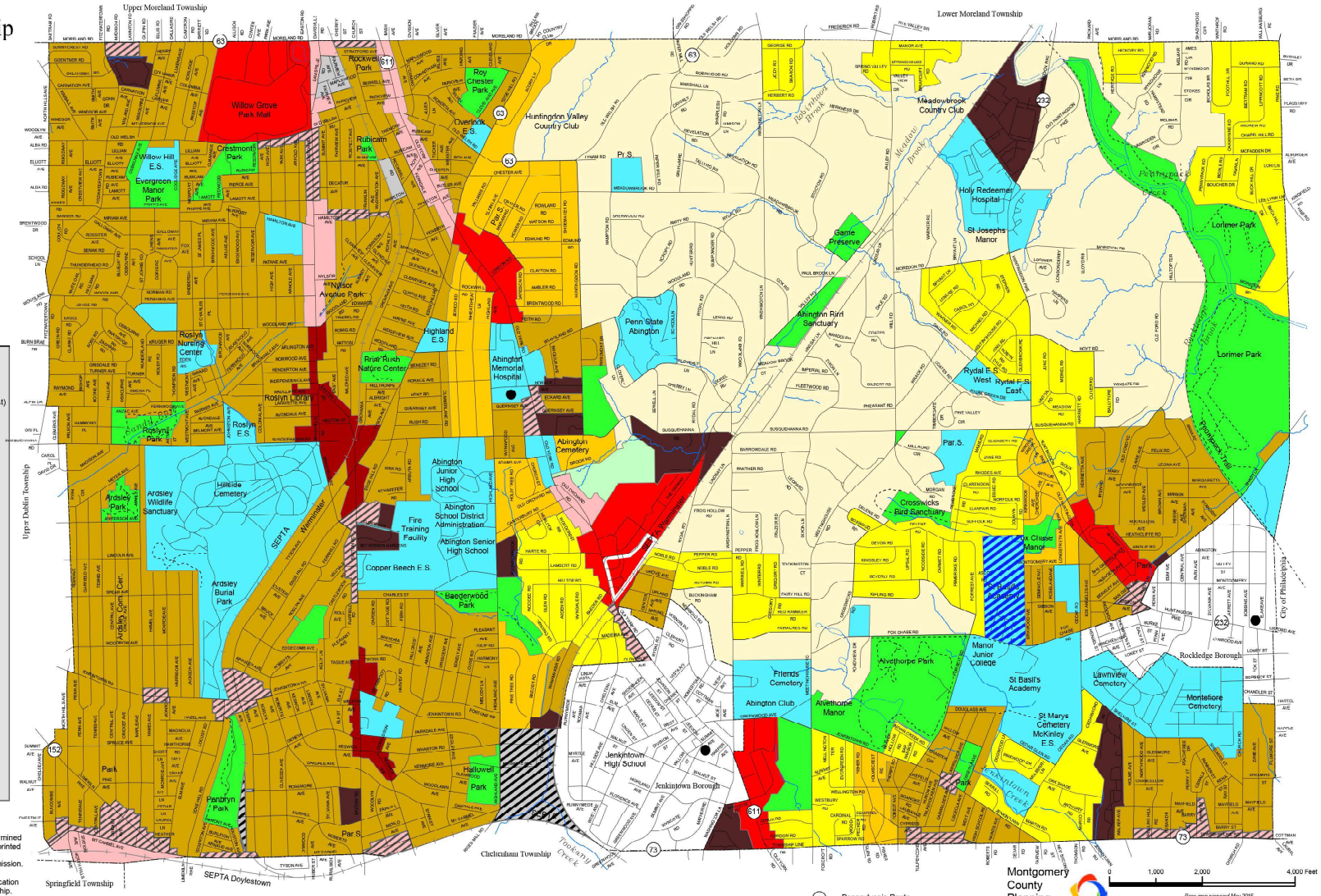
EXHIBIT "B"

Abington Township

Jenkintown and Rockledge Boroughs

Montgomery County, Pennsylvania

Proposed AR Age-Restricted Carriage Home Overlay District



Zoning Map

- streets
- railroads
- Triangle Area (Applicable to part of BC District)
- municipal
- Trail
- Streams
- Water Bodies
- RC Recreation/Conservation
- R1 Low Density Residential
- R2 Low-Medium Density Residential
- R3 Medium Density Residential
- R4 High Density Residential
- AO Apartment Office
- SNR Senior Neighborhood Residential
- BC Business Center
- MS-H Main Street High Intensity/Density
- MS-L Main Street Low Intensity/Density
- MS VC Village Center
- CS Community Service
- SI-G Suburban Industrial Glenside
- SI-W Suburban Industrial Willow Grove

Zoning boundaries as of April 2017

The Zoning Districts displayed on this map were determined by the Zoning Code of Abington Township. The date printed on this map is the latest information received from the Township by the Montgomery County Planning Commission. This information should not be considered the official "Adopted Zoning Map". Any question regarding the location of a district boundary should be directed to the Township.

611 Pennsylvania Route

Municipal Building

Multiuse Trail

P.S. Parochial School
Pr.S. Private School

0 1,000 2,000 4,000 Feet

Base map prepared May 2016

Montgomery County Planning Commission
Montgomery County Courthouse - Planning Commission
PO Box 311 ▪ Norristown PA 19404-0311
(p) 610.278.3722 ▪ (f) 610.278.3941
www.montcopa.org/plancom

This map is based on 2015 ortho photography and official sources. Property lines were compiled from individual block maps from the Montgomery County Board of Assessment Appeals, with no verification from the deed. This map is not meant to be used as a legal definition of properties or for engineering purposes.

352

1" TRIM
1/4" TRIM

MONTGOMERY COUNTY
BOARD OF COMMISSIONERS

VALERIE A. ARKOOSH, MD, MPH, CHAIR
KENNETH E. LAWRENCE, JR., VICE CHAIR
JOSEPH C. GALE, COMMISSIONER

MONTGOMERY COUNTY
PLANNING COMMISSION

MONTGOMERY COUNTY COURTHOUSE • PO BOX 311
NORRISTOWN, PA 19404-0311
610-278-3722 • FAX: 610-278-3941
WWW.MONTCOPA.ORG

SCOTT FRANCE, AICP
EXECUTIVE DIRECTOR

August 19, 2022

Mr. Richard J. Manfredi, Manager
Abington Township
1176 Old York Road
Abington, Pennsylvania 19001-3713

Re: MCPC #22-0205-001
Sisters of St. Basil's Zoning Amendment (Age-Restricted Carriage Homes Overlay)
Abington Township

Dear Mr. Manfredi:

We have reviewed the above-referenced zoning map and text amendment in accordance with Section 609 of Act 247, "The Pennsylvania Municipalities Planning Code," as you requested on August 2, 2022. We forward this letter as a report of our review.

BACKGROUND

Toll Mid-Atlantic, L.P., Company, Inc., the applicant, has submitted a request to Abington Township to amend the zoning text and map to create an Age-Restricted Carriage Home Overlay District and a new use called "Age-Restricted Carriage Home Dwelling Unit." The new overlay district allowing the proposed new use would apply to two mapped parcels (the site of the former St. Basil's Academy) which front on Fox Chase Road. The base zoning for the site affected is the CS Community Service zoning district. The applicant submitted a sketch plan with the proposed zoning amendment, illustrating a development that could occur using the zoning. We previously reviewed this proposal in a memorandum dated March 6, 2022.

COMPREHENSIVE AND OTHER PLAN COMPLIANCE

MONTCO 2040: A New Vision: the Comprehensive Plan for Montgomery County (2015). The proposal is located in the plan's Suburban Residential future land use area. The plan recommends that development in this area include appropriate landscaping, buffers, and street trees, and says that recreation facilities and central open space should be provided.

The plan's transportation chapter notes, "Having an interconnected, finely-grained road network with many choices reduces congestion and provides alternative routes around accidents or other incidents." One of the plan's goals is "Provide more opportunities for residents to exercise and have healthy lifestyles."

The proposed zoning is consistent in some ways, but would be more consistent if it required central open space, recreational facilities, and trails. The attached sketch would be more consistent if its proposed roads were interconnected with the surrounding street system (this might consist of emergency access roads), and if it included a loop trail to provide recreational opportunities.

Abington Master Bicycle Plan (2016):

The Abington Township Master Bicycle Plan (see p.94) recommends that a bicycle route "14E-Manor College Trail Extension Shared Use Path" be added, that would connect the site to the Cedar Road bicycle route to the east (see map). The full route would connect McKinley Elementary to Seminole Road. It would consist of a 10-foot asphalt trail, wayfinding signage and bicycle crossing bollards.



Comprehensive Plan Update for Abington Township (2007): The proposal is located in the "Institutional—Schools/Churches" future land use category of the Comprehensive Plan Update for Abington Township, and is consistent with that plan.

RECOMMENDATION

The Montgomery County Planning Commission (MCPC) generally supports the applicant's proposal, however, in the course of our review we have identified a number of key issues that we believe should be resolved prior to zoning amendment adoption. Our comments are as follows:

REVIEW COMMENTS

ZONING MAP

A. Not Spot Zoning. The solicitor's opinion is that this is not a case of spot zoning. We defer to the solicitor on this matter.

B. Senior Neighborhood Residential District. We suggest the township work to merge this proposed zoning text amendment with that of the SNR Senior Neighborhood Residential District. Although each of the two sites to which it would apply have unique characteristics, much of the zoning could be combined

under the SNR District, with allowances for site-specific variations based on the road from which it takes access.

ZONING TEXT

A. Overlay. We suggest that the applicant clarify that the use of the overlay is at the discretion of the developer and what, if any parts of the underlying CS Community Service District will apply when a developer opts to develop under the Age-Restricted Carriage Home Overlay District.

B. Transportation and Parking.

1. Interconnections. The street grid, including sidewalks, should be interconnected. There are existing streets that should be continued onto the site to strengthen the vehicular, bicycling, and pedestrian transportation network. This would improve access for residents and emergency vehicles; promote walking, bicycling, and healthy lifestyles; and make it easier to access the amenities and services on Huntingdon Pike.

2. Bicycling. Abington Township Master Bicycle Plan (see p.94 and "Comprehensive and Other Plan Compliance," above).

3. Parking. We should clarify parking requirements for this use. Subdivisions for the purposes of building townhouses require two parking spaces (not counting garages) plus ¼ space per unit for developments over 16 units.

4. Bus Shelter. We recommend requiring a bus shelter be provided, provided that a shelter on property undergoing land development is an appropriate location for one, in the opinion of SEPTA.

C. Open Space.

1. Setback. The setbacks that Abington's zoning requires for shopping centers ranges from 50 to 100 feet (from a single-family residential neighborhood). Why would an age-restricted residential neighborhood require a 125 foot setback? It would generate far less traffic, noise, and light.

2. Definition from Subdivision and Land Development Ordinance (SALDO). Open space:

> "A parcel or parcels of land or an area of water or a combination of land and water within a development site, interconnected and designed for the use and enjoyment of the residents of a development and or community, not including streets, off-street parking areas, required yards and areas set aside for public facilities."

We recommend that this definition be reflected in the zoning text for this district.

3. "Open Space" vs. "Residential Green Area and Buffer." The "open space" and "residential green area and buffer" regulations seem to address separate entities. The "residential green area and buffer" would create an extremely wide clear zone area that seems like a lost opportunity for a better use of space—whether for a better neighborhood layout or usable or landscaped open space. The proposed zoning text would not require the green area and buffer to provide usable open space, facilities, nor amenities.

4. Central Open Space. We recommend adding a list of required central open space requirements. These should include:

   a. Minimum area and/or percentage of tract.

   b. Required accommodations and facilities to enhance the usability of the land.

   c. Physical requirements. This should address configuration, maximum grade, location with respect to the neighborhood's homes, and pedestrian access.



Central open space in Woodmont, Lower Moreland is visible and accessible from residents' front doors.

D. <u>Housing Types and Design.</u>

1. Zoning's H-9 Townhouse Dwelling Unit (Single-Family Attached). This use should be used as a point of reference and should influence this text amendment. Some requirements from that use should be added to this text amendment. For example, the requirement that end units have side-loaded garages (intended to prevent a "snout house" development, with garages and driveways dominating the façade/front of house). There is a requirement that off-street parking spaces be located to the side or rear, and for a small planting strip to separate adjacent driveways. Internal townhouse units have a limit on the percentage (30%) of the front façade that the garage may occupy.

2. Variety of Unit Types. We recommend the ordinance be more flexible regarding permitted unit types, so that more than simply townhomes are permitted. What about duplexes? Triplexes? Quadruplexes? Twins? Adding those uses would make the site more adaptable to changing real estate market conditions and housing unit type preferences.

E. Landscaping.

1. Stormwater Basin. The basin along Fox Chase Road will be located in a prominent location and could serve as a prominent visual enhancement for the development. All basins should be sufficiently naturalized and landscaped.
2. Landscaping Behind Homes. Where the backs of two rows of homes abut one another, we recommend adding landscaping for buffering the homes and creating a greater sense of privacy and visual interest, similar to that behind units #57-61.
3. Pool and Clubhouse Screening. The pool and clubhouse should be screened from units #140-143.

SKETCH PLAN

A. General Comment. In order to accommodate a wide grass area surrounding the tract in the interest of privacy and security of existing residents, the resulting proposed neighborhood seems unfortunately packed together and isolated from the surrounding community, with little visual relief and open space which does not serve to provide usable, active open space for the development's residents nor for the adjacent neighborhoods. Most of the open space would consist of a grass buffer with no access, and thus provide neither ecological nor recreational benefits.

B. Transportation.

1. Sidewalks are required along both sides of the street.
2. Bus. The Route 28 bus serves the site. We suggest consulting with SEPTA about whether a bus shelter and concrete waiting pad would be appropriate at this location.
3. Intersections. The curving road intersections appear as if they are intended to calm traffic. Calming traffic is a desirable goal, but this design appears unnatural and may be confusing and disruptive to traffic flow (example: intersection of Roads A and E). These intersections seem suited for small traffic circles to slow traffic.



From "Designing Roundabouts to Support Walkability and Smart Growth," American Planning Association Webinar, 8/19/2022.

The applicant agreed to take another look at the intersection design shown on the sketch plan.

4. Guest Parking. We recommend providing guest parking in convenient locations distributed around the development.

C. Open Space.

1. Open space is subject to the requirements of the existing zoning ordinance's §2601.K. Very little of the open space shown on the proposed sketch plan would seem to meet the requirements, including:

    a. May consist of plazas, parks, central greens, urban gardens, and similar types of usable, public space.
    b. Open space shall be visible from dwellings and roadways. Most of the open land in the proposed neighborhood would be located in the wide clear zone along the tract periphery. That area would be hidden from the homes and roads by the development's layout and the proposed vegetative buffer.
    c. No individual open space area shall be smaller than 2,500 square feet.
    d. Land having a width of less than 25' may not be counted towards the minimum required open space area.
    e. Such areas shall be surrounded by streets and/or front facades of buildings along at least 45% of their perimeter.
    f. At least one focal element, such as a fountain, clock tower, sculpture, trellis, garden, or other public art feature should be located in each public open space area
    g. Open space area must have safe and convenient pedestrian and maintenance access, without obstruction of an intervening lot(s), structures, fences, or other impediments. The clear zone along the tract periphery would have no pedestrian accommodations.

2. Usable, Central Open Space. Proposed open space is difficult to discern on the sketch plan. It appears to consist of the pool, clubhouse, and a few small areas which might take the form of pocket parks if they were designed as such. We recommend that sidewalks, trails, and any other facilities that would increase the usability of the open space be shown (e.g., picnic area, gazebo, and community garden).

3. Riparian Corridor. The site is subject to the requirements of Article XV: the Riparian Corridor Conservation District. We recommend the boundaries of the corridor be designated on the plan.



4. The area along the tributary to the Pennypack Creek lies adjacent to Fox Chase Manor Park, 12 acres of land owned by the township. Would there be a benefit to dedicating this portion of the tract/greenway to the township, for consolidation with Fox Chase Manor Park? Management of the riparian, wooded, and sloped areas could be undertaken in a consistent manner.

CONCLUSION

We wish to reiterate that MCPC generally supports the applicant's proposal but we believe that our suggested revisions will better achieve the township's planning objectives for residential development.

Please note that the review comments and recommendations contained in this report are advisory to the municipality and final disposition for the approval of any proposal will be made by the municipality.

Sincerely,

Mike Narcowich

Mike Narcowich, AICP, Community Planning Assistant Manager
mnarcowi@montcopa.org – 610-278-5238

c:
Lucy Strackhouse, Chair, Township Planning Commission
Toll Mid-Atlantic, L.P. Company, Inc., Applicant
Brian Thierrin, Toll Brothers, Applicant's Representative

Khaled R. Hassan, P.E., Pennoni, Township Engineer
Michael P. Clarke, Esq., Rudolph Clarke, LLC, Township Solicitor
Steve D'Antonio, City Service Planning, SEPTA

Attachment A: Aerial Image of Site
Attachment B: Reduced Copy of Applicant's Proposed Site Plan

ATTACHMENT A



ATTACHMENT B



TOWNSHIP OF ABINGTON
MONTGOMERY COUNTY, PENNSYLVANIA

ORDINANCE NO.

AN ORDINANCE AMENDING CHAPTER 162 – "ZONING", BY ADDING A NEW ARTICLE XVIIA TO ESTABLISH AN AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT, BY ADDING A NEW LAND USE CATEGORY IDENTIFIED AS AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT, AND TO ADD AGE-RESTRICTED CARRIAGE HOME DWELLING UNIT TO THE COMPREHENSIVE USE MATRIX, AND BY AMENDING THE ABINGTON TOWNSHIP ZONING MAP TO ESTABLISH AN AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT.

WHEREAS, the Township of Abington is a Township of the First Class, duly organized and existing pursuant to the applicable laws of the Commonwealth of Pennsylvania; and

WHEREAS, pursuant to Section 1502.44 of the First Class Township Code of the Commonwealth of Pennsylvania, 53 P.S. § 56544 and Section 609 of the Pennsylvania Municipalities Planning Code, 53 P.S. § 10609, the Board of Commissioners has the authority to enact and amend provisions of the Abington Township Code ("Code") at any time it deems necessary for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof; and

WHEREAS, the Board of Commissioners of the Township has determined that the Code of Ordinances of the Township of Abington shall be amended at Chapter 162 – "Zoning" to create a CH Carriage Home Overlay District and the Zoning Map of Abington Township shall be amended to establish a CH Carriage Home Overlay District on a property located on the northeast side of Fox Chase Road for the health, safety, morals, general welfare, cleanliness, beauty, convenience and comfort of the Township and the inhabitants thereof.

NOW, THEREFORE, the Board of Commissioners of the Township of Abington does hereby **ENACT** and **ORDAIN** as follows:

SECTION I. <u>ZONING TEXT AMENDMENTS</u>. The Code of the Township of Abington is amended at Chapter 162 – "Zoning" as follows:

1. The Revised Abington Township Zoning Ordinance, as heretofore amended, Section 2301 (entitled "Categories of Permitted Uses"), Subsection H (entitled "Residential Uses") thereof, is hereby amended to add a new Article XVIIA as follows:

ARTICLE XVIIA: AR AGE-RESTRICTED CARRIAGE HOME OVERLAY DISTRICT

SECTION 1709. PURPOSE: The purpose and intent of the AR Age-Restricted Carriage Home Overlay District is to provide a specialized overlay district to facilitate residential living by persons that qualify for housing under The Housing for Older Persons Act of 1995, in areas of the Township that are otherwise zoned for certain institutional uses.

SECTION 1710. USE REGULATIONS: A building may be erected, altered or used, and a lot may be occupied or used, in whole or in part, for the following uses and no other, provided that such uses shall comply with the Overlay District regulations established in this Article and all applicable sections of this Ordinance:

A. *See* ***Comprehensive Use Matrix, Appendix.***

B. Accessory uses including clubhouse, swimming pool, bocce, indoor and outdoor recreational uses, trails, fitness center, guest parking, dog park, outdoor grilling, picnic areas and other similar uses to the foregoing.

SECTION 1711. DIMENSIONAL REGULATIONS: The dimensional regulations in the following chart are the Overlay District standards, which must be achieved any use, addition or alteration:

Figure 17.2

AR Age-Restricted Carriage Home Overlay District: Dimensional Requirements

Minimum Site Area		Lot Width	Lot Depth
40 acres gross		N/A	N/A
MINIMUM YARD DIMENSIONS			
Perimeter	Front	Side	Rear
Set back from tract perimeter: - From ultimate right-	30' dwelling set back from face of curb/edge of	N/A	N/A

of-way: 100 feet - From other tract boundary line: 125 feet	cartway		
COVERAGE (percentage of gross site area)			
Maximum Building Area		Maximum Impervious	Minimum Green Area
25%		50%	50%
OPEN SPACE			
Gross Site Area (in acres) x .40			
DENSITY			
Gross Site Area (in acres) x 3.4			
BUILDING DIMENSIONS			
Maximum Height		Maximum Length	Minimum Separation
35’ maximum, as defined by the Building Code of Abington Township (ICC)		160’	20’

SECTION 1712. SPECIAL DEVELOPMENT REGULATIONS:

A. No retail operations or land uses are permitted even as accessory uses.

B. Residential green area and buffer: Along any boundary line of the tract adjoining an existing residential use, an 85 foot wide green area shall be provided. In addition, a screening buffer conforming to the specifications of a high intensity buffer set forth in **§ 2403.B.4 Buffer Specifications**, with a depth of not less than 40 feet, shall be provided between the green area and any structure in the age-restricted carriage home development.

C. Open Space Requirements: Land preserved for open space purposes shall be in compliance with **Open Space Standards of the SALDO** for the Township Zoning Ordinance; provided however that age-restricted carriage home accessory uses such as clubhouse, swimming pool, bocce, indoor and outdoor recreational uses, trails, fitness center, guest parking, dog park, outdoor grilling, picnic areas and other similar uses to the foregoing shall be permitted in the open space.

SECTION 1714. SEVERABILITY: If any section, subsection, or clause of this ordinance shall be deemed to be unconstitutional or otherwise invalid, the validity of the remaining sections, subsections and clauses shall not be affected.

2. The Revised Abington Township Zoning Ordinance, as heretofore amended, Section 2301 (entitled “Categories of Permitted Uses”), Subsection H (entitled “Residential

Uses") thereof, is hereby amended to add a "Use H-12: Age-Restricted Carriage Homes" as follows:

> **Use H-12: Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached):** A single-family attached dwelling unit that is age-restricted as provided for by The Housing for Older Persons Act of 1995, as amended. An age-restricted carriage home dwelling unit is a single-family attached dwelling within a multi-dwelling unit building consisting of at least 3 such dwelling units, but not more than 6 such dwelling units, with each unit occupying the total space from ground to roof, and joined to each other by not more than 2 vertical, common party walls, which also serve as the lot line dividing the properties.
>
> 1. Age-restricted carriage homes may be one-, two-, or three-level dwelling units, provided they do not exceed the district height limitation.
>
> 2. All age-restricted carriage home dwelling units must connect to public water and sewer.
>
> 3. Age-restricted carriage homes may be defined by the footprint of the dwelling unit. There is no minimum lot size requirement.
>
> 4. Age-restricted carriage homes shall be a minimum of 24' wide and 50' in depth.
>
> 5. Age-restricted carriage homes shall be setback at least 30' from the face of curb/edge of cartway.
>
> 6. Age-restricted carriage homes shall have a minimum building separation of 20'.

3. The Revised Abington Township Zoning Ordinance, as heretofore amended, the Comprehensive Use Matrix thereof, is hereby amended to add a new residential use category, H-12, Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached), which shall only be permitted in the AR Overlay District, as follows: **See Attachment "A".**

SECTION 2. ZONING MAP AMENDMENT.

The Abington Township Zoning Map, Montgomery County, as heretofore amended, is hereby amended as follows:

> An AR Age-Restricted Carriage Home Overlay District is established on a property located the northeast side of Fox Chase Road, Montgomery County,

Pennsylvania, as delineated on Attachment "B", which shall overlay all existing and hereafter created underlying districts applicable to the property in the area designated as "AR Age-Restricted Carriage Home Overlay District" on Attachment "B" hereto.

SECTION 3. All other ordinances, portions of ordinances, or any section of the Code inconsistent with this Ordinance are hereby repealed.

SECTION 4. This Ordinance shall become effective five (5) days after enactment.

ORDAINED AND ENACTED this _____ day of _____, 2022.

TOWNSHIP OF ABINGTON
BOARD OF COMMISSIONERS

Attest:

_____ By: _____
, Secretary , President

ATTACHMENT "A"

Code	Use	Class (for MS Districts)	AO	BC: Lot < 1 Ac	BC: Abington Towne Center	BC: Foxcroft	BC: Huntingdon Valley	BC: Noble	BC: Willow Grove Park	CS	LP Overlay	MS-H	MS-L	MS-VC	R1	R2	R3	R4	RC	SI-G	SI-W	SNR	AR Overlay
A	**Accessory Uses**																						
A-6	Clubhouse	1	Y							Y	Y								Y			Y	Y
A-18	Outdoor Recreation, Uses Accessory to	N/A		N	N	N	N	N	N	Y		N	N	N			SE	SE	Y				Y
A-24	Swimming Pool	1	NOTE 4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
A-25	Tennis/Sports Court	1	NOTE 4	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
H	**Residential Uses**																						
H-12	Age-Restricted Carriage Home Dwelling Unit (Single-Family Attached)	N/A	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y

ATTACHMENT "B"

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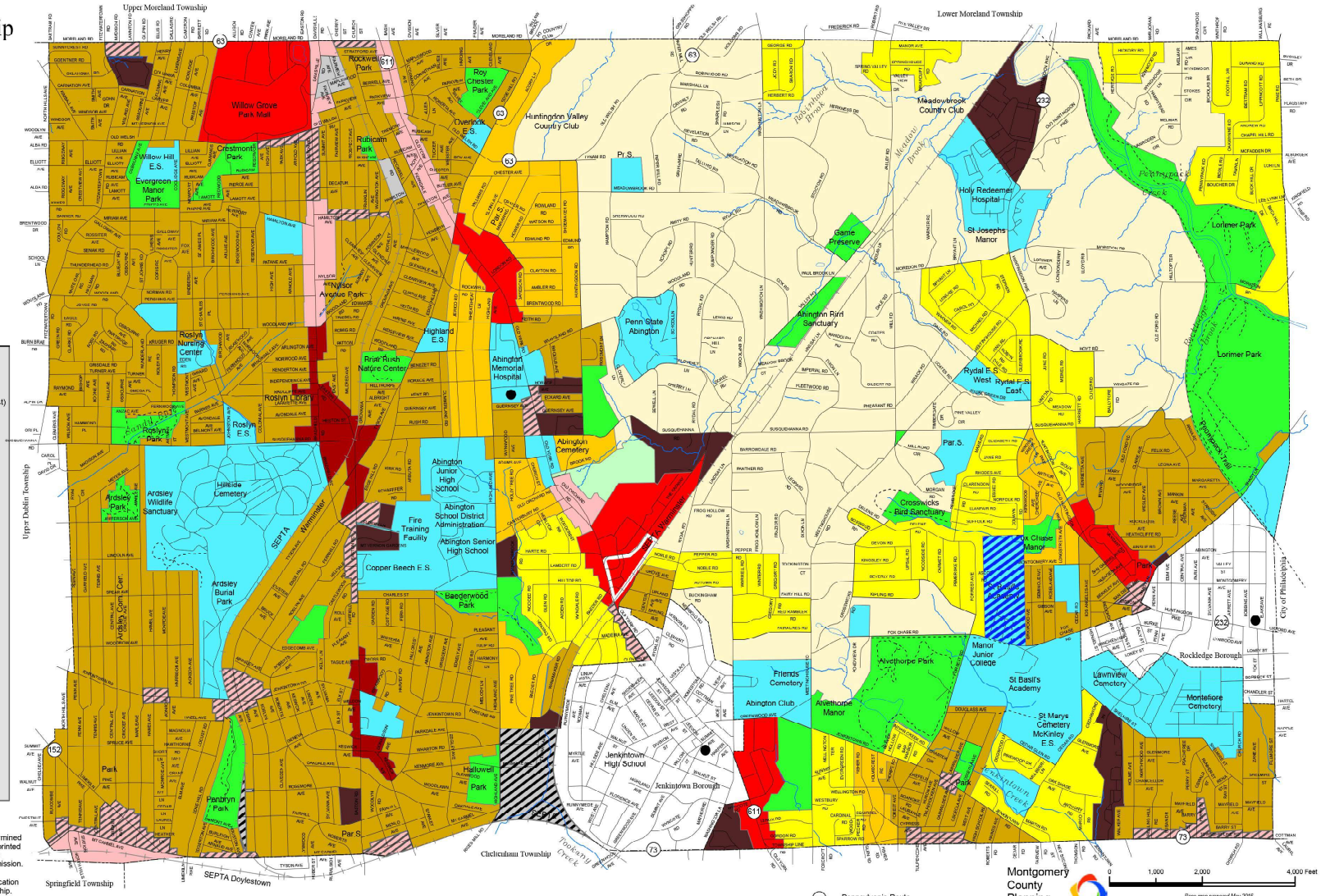
EXHIBIT "B"

Abington Township

Jenkintown and Rockledge Boroughs

Montgomery County, Pennsylvania

Proposed AR Age-Restricted Carriage Home Overlay District



Zoning Map

- streets
- railroads
- Triangle Area (Applicable to part of BC District)
- municipal
- Trail
- Streams
- Water Bodies
- RC Recreation/Conservation
- R1 Low Density Residential
- R2 Low-Medium Density Residential
- R3 Medium Density Residential
- R4 High Density Residential
- AO Apartment Office
- SNR Senior Neighborhood Residential
- BC Business Center
- MS-H Main Street High Intensity/Density
- MS-L Main Street Low Intensity/Density
- MS VC Village Center
- CS Community Service
- SI-G Suburban Industrial Glenside
- SI-W Suburban Industrial Willow Grove

Zoning boundaries as of April 2017

The Zoning Districts displayed on this map were determined by the Zoning Code of Abington Township. The date printed on this map is the latest information received from the Township by the Montgomery County Planning Commission. This information should not be considered the official "Adopted Zoning Map". Any question regarding the location of a district boundary should be directed to the Township.

611 Pennsylvania Route

Municipal Building

Multiuse Trail

P.S. Parochial School
Pr.S. Private School

Montgomery County Planning Commission

Montgomery County Courthouse - Planning Commission
PO Box 311 ▪ Norristown PA 19404-0311
(p) 610.278.3722 ▪ (f) 610.278.3941
www.montcopa.org/plancom

0 1,000 2,000 4,000 Feet

Base map prepared May 2016

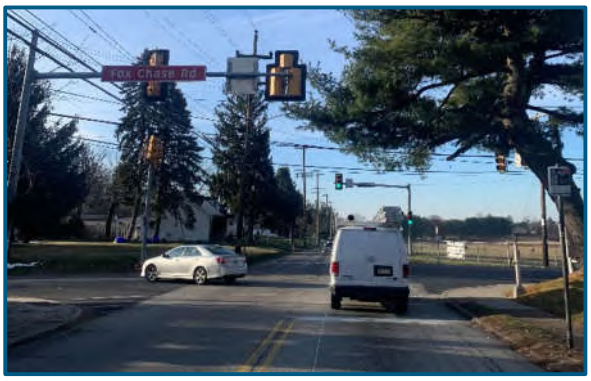
This map is based on 2015 ortho photography and official sources. Property lines were compiled from individual block maps from the Montgomery County Board of Assessment Appeals, with no verification from the deed. This map is not meant to be used as a legal definition of properties or for engineering purposes.

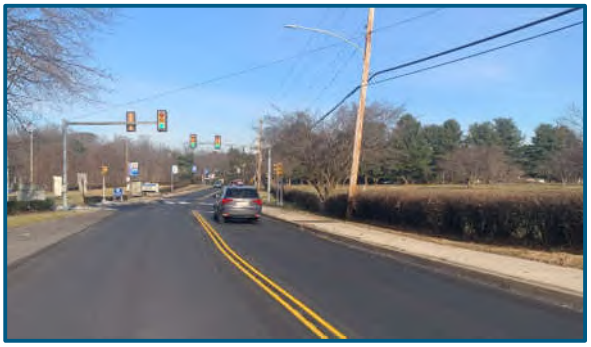
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Transportation Impact Assessment for the St. Basil Redevelopment

Abington Township, Montgomery County, PA





COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
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Prepared for
Toll Brothers

February 10, 2022

McMahon Project Number 821051.12

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APPENDIX B - *PennDOT TIRe Data*
APPENDIX C - *Turning Movement Counts*
APPENDIX D - *Warrant Analysis Worksheets*
APPENDIX E - *Traffic Volume Projection Worksheets*
APPENDIX F - *Capacity/Level-of-Service Analysis Methodology*
APPENDIX G - *Existing Capacity/Level-of -Service Analysis Worksheets*
APPENDIX H - *2029 Future Without Development Capacity/Level-of -Service Analysis Worksheets*
APPENDIX I - *2029 Future With Development Capacity/Level-of -Service Analysis Worksheets*

Executive Summary

Toll Brothers proposes to redevelop the former St. Basil Academy located along Fox Chase Road across from Manor College in Abington Township, Montgomery County, Pennsylvania (see **Figure 1**). The redevelopment of the property is associated with a proposed Zoning Overlay District and Text Amendment. According to Concept "L" prepared by ESE Planning dated January 19, 2022, the existing St. Basil Academy is proposed to be rezoned to permit the development of approximately 150 age-restricted carriage homes. Access to the new residential subdivision would be provide via a full-movement access (Road A), which would be located along Fox Chase Road directly opposite the Manor College Access. An emergency only access is also proposed along Fox Chase Road located approximately 480 feet to the north of the signalized access. The two existing St. Basil's Academy accesses will then be removed. A schematic of the site plan is illustrated in **Figure 2.**

As the Township does not have specific requirements related to the preparation of a traffic impact studies, the scope of the study generally follows PennDOT's guidelines outlined in their *Policies and Procedures for Transportation Impact Studies,* as documented in Appendix A of PennDOT *Publication 282*. The purpose of this study is to evaluate the traffic impacts associated with the redevelopment of the parcel based upon the proposed Zoning Overlay District and Text Amendment. The scope of this study includes an evaluation of the existing weekday morning and weekday afternoon peak hours, as well as the future 2029 build-out year, both without and with the redevelopment of the parcel at the following study intersections:

- Fox Chase Road and Forrest Avenue;
- Fox Chase Road and Manor College/Proposed Local Road (Road A); and
- Fox Chase Road (S.R. 2019) and Cedar Road (S.R. 2058).

Based upon data compiled by the Institute of Transportation Engineers (ITE) in their publication entitled, *Trip Generation Manual, 11th Edition*, the proposed Zoning Overlay District and Text Amendment to permit the development of approximately 150 age-restricted carriage homes on the former St. Basil Academy parcel will generate approximately 836 total trips (entering and exiting) on a typical weekday, of which 53 and 61 total trips (entering and exiting) would be generated during the weekday morning and afternoon commuter peak hours. During a typical weekday, the school at its peak enrollment, as well as the permitted by-right life-care facility are projected to generate more trips than the proposed age-restricted carriage homes. The proposed age-restricted carriage homes also result in less peak hour trips during both the weekday morning and afternoon commuter peak period compared to the former school use at its peak enrollment and the by-right life-care facility. As a result, it can be concluded that the proposed Zoning Overlay District and Text Amendment for the parcel to permit the age-restricted carriage homes would result in less impacts to the area roadways than the former school use or a by-right life-care facility based upon the current zoning of the parcel.

Based upon the traffic evaluation, no off-site mitigation measures are recommended as the two signalized intersections along Fox Chase Road with Forrest Avenue and Cedar Road will both continue to operate at acceptable levels of service overall (LOS B or better) during both peak hours with the lane groups also operating acceptably (LOS D or better).

As the site access will be located directly opposite the Manor College Access along Fox Chase Road, it would then form the fourth leg of the traffic control signal. The following access improvements are recommended, which will require the review and approval of PennDOT and Abington Township:

- Provide one ingress lane and one egress lane for the access separated by a landscaped median;

- Relocate and replace any impacted traffic signal equipment due to the inclusion of the new access road;
- Provide pedestrian equipment and pushbuttons to/from all corners of the signalized intersection of Fox Chase Road (SR 2019) with Manor College Access and the proposed site access (Road A); and
- Provide ADA compliant ramps and/or landing areas to/from northwest and northeast quadrants of the intersection as a result of the fourth leg.

The proposed emergency access will also require review and coordination with Abington Township's emergency service providers. Since the former parcel use was a school, it is recommended that any associated wayfinding signage for the school be removed and that the school speed limit signing, flashing devices, and other associated school signage along Fox Chase Road be removed in conjunction with the redevelopment of the parcel.

The traffic analyses contained herein reveal that efficient access to and from the proposed redevelopment can be provided, and furthermore, site-generated traffic can be accommodated at the study area intersections.

Existing Transportation Settings and Conditions

The former St. Basil Academy, which is proposed to be redeveloped based upon a proposed Zoning Overlay District and Text Amendment, is located along Fox Chase Road across from Manor College in Abington Township, Montgomery County, Pennsylvania (see **Figure 1**). The existing roadways and intersections in the vicinity of the site, which comprise the study area roadway network, are described in this section.

Roadway Characteristics

The study area roadway network and characteristics are summarized below in **Table 1**.

Table 1. Existing Roadway Characteristics

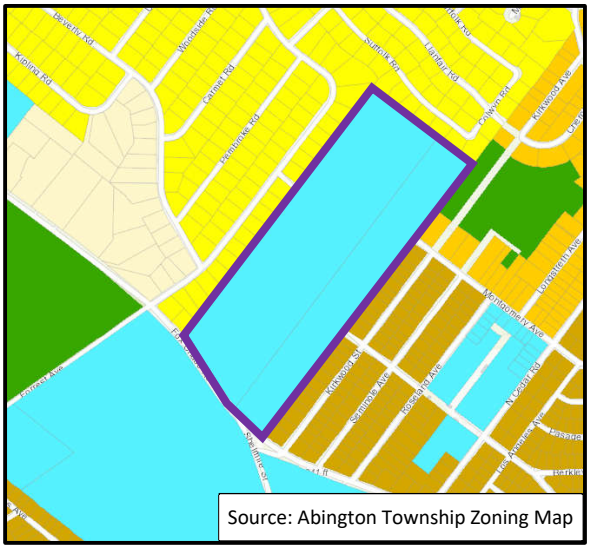
Roadway Name (Jurisdiction)	Average Daily Traffic Volumes (vehicles per day)	Roadway Classification		Travel Lanes (per direction)	Posted Speed Limit (mph)
		PennDOT Typology (1)	PennDOT (2) / Township		
Fox Chase Road (Township)	4,232 (3)	Community Collector	Primary Street	1	35
Fox Chase Road (S.R. 2019 – State)	5,664 (3)	Community Collector	Urban, Major Collector	1	35
Forrest Avenue (Township)	n/a	Local	Local	1	25
Cedar Road (S.R. 2058 – State)	7,065 (3)	Community Collector	Urban, Major Collector	1	35

(1) Based on Table 1.2 – Roadway Typologies in the PennDOT *Publication 13M, Design Manual Part 2*.
(2) Based on the roadway classifications provided on PennDOT's Traffic Information Repository (TIRe) website.
(3) Based on traffic data from PennDOT's Traffic Information Repository (TIRe) website.

The following key intersections in the vicinity of the site comprise the study area:

- Fox Chase Road and Forrest Avenue;
- Fox Chase Road and Manor College/Proposed Local Road (Road A); and
- Fox Chase Road (S.R. 2019) and Cedar Road (S.R. 2058).

The existing characteristics of the study intersections, including photographs, field sketches, and signal permit plans are provided in **Appendix A**.



Land Use Context

The proposed development is currently located in Abington Township, within the CS – Community Service zoning district as seen in the Abington Township Zoning Map illustrated in **Exhibit A**. The proposed redevelopment of the parcel to provide for the age-restricted carriage homes is based upon the proposed Zoning Overlay District and Text Amendment.

Pedestrian, Bicycle, and Transit Facilities

Under current conditions, there is no sidewalk provided along the site's Fox Chase Road (SR 2019) frontage from where it terminates to the south across from the signalized access to Manor College and to the northern full-movement access for St. Basil's Academy. On the opposite side of Fox Chase Road, the sidewalk terminates on the north side of the signalized access for Manor College and a paved asphalt trail is then provided. With the redevelopment of the site, ADA compliant curb ramps and crosswalks will be provided at the signalized access, as well as pedestrian pushbuttons and equipment for all corners.

SEPTA Bus Route 28 currently provide provides services between Torresdale-Cottman to Fern Rock Transportation Center and includes a dedicated route along Fox Chase Road (SR 2019) from Forrest Avenue to Cedar Road. There is currently a box stop with a shelter provided on the west side of Fox Chase Road (SR 2019), to the north of the signalized Manor College access and on the east side of Fox Chase Road (SR 2019), there is a landing area provided adjacent to a utility pole that is to the south of the former main access for St. Basil's Academy.

There are currently no dedicated on-road bicycle lanes provided along Fox Chase Road or off-road paths provided along the site frontage. A review of the *DRAFT Township of Abington Master Bicycle Plan*, dated September 2015, does indicate future connections in the area provided along Forrest Avenue, as well as Fox Chase Road from Manor College to Cedar Road, which would most likely be an off-road path in this area. This item will be investigated during the land development phase of the site.

Traffic Count Data

Daily traffic counts were obtained from PennDOT's Traffic Information Repository (TIRe) website, which is summarized in Table 1. Copies of the daily traffic data is provided in **Appendix B**. Turning movement traffic counts, were conducted in January 2022 during the weekday morning (7:0 AM to 9:00 AM) and weekday afternoon (4:00 PM to 6:00 PM) peak periods. The results of these traffic counts are tabulated by 15-minute intervals in **Appendix C**. The four highest consecutive 15-minute peak intervals during these traffic count periods constitute the peak hours that are the basis of this traffic analysis.

Traffic volumes along Fox Chase Road were conservatively balanced between the Manor College Access and Forrest Avenue, resulting in a net zero difference in volumes between these two intersections. The resultant peak hour traffic volumes are depicted in **Figure 3A** for the weekday morning and weekday afternoon peak hours. These traffic volumes were then analyzed to determine the existing operating conditions, and the results are shown on **Figure 3B.** Specific details regarding the analysis results and traffic operations are provided later in this report.

Crash Summary

Reportable crash data was obtained from PennDOT for the most recent available five-year period, from January 1, 2016 to December 31, 2020. A reportable crash is one in which an injury occurred and/or a vehicle was towed from the scene. Typically, PennDOT considers five reportable, correctable crashes within a 12-month period a threshold value which would result in further analysis to determine if safety improvements should be provided.

Table 2 below summarizes the frequency of the crashes within the study area, while **Table 3** summarizes the types of crashes. Based upon a review of the crash data, there were no discernable crash patterns.

Table 2. Reportable Crash Summary by Year

Location along Fox Chase Road	Crash Frequency Per Year					Total	Average Per Year
	2016	2017	2018	2019	2020		
Intersection with Forrest Avenue	0	0	1	0	0	1	0.3
Site Frontage	0	1	0	0	0	1	0.3
Intersection with Manor College Access	0	0	0	0	0	0	0.0
Intersection with Cedar Road (S.R. 2058)	0	2	2	1	2	7	1.8
Total	**0**	**3**	**3**	**1**	**2**	**9**	**2.1**

Table 3. Reportable Crash Summary by Type

Location along Fox Chase Road	Crash Type			Total
	Angle	Rear-End	Pedestrian	
Intersection with Forrest Avenue	0	0	1	1
Site Frontage	0	1	0	1
Intersection with Manor College Access	0	0	0	0
Intersection with Cedar Road (S.R. 2058)	6	1	2	7
Total	**6**	**2**	**1**	**9**

Site Characteristics

This section presents the details regarding the proposed site, including the incremental increase in traffic volumes generated by the development during the peak hours and the distribution of site traffic to the study area roadways, as well as the proposed site access configuration, traffic control, and sight distance requirements. A trip generation comparison to the former St. Basil Academy and the by-right use based upon the current zoning is also provided.

Trip Generation

The site parcel currently contains the former St. Basil Academy, which was a private school for girls in grades 9 through 12 that closed following the end of the 2020 to 2021 school year on June 21, 2021. According to an article published by CatholicPhilly.com, the school enrollment was as high as 400 students, but had declined to 226 students in the 2020 to 2021 school year. The school had classes from 8:00 AM to 2:55 PM, with the doors opening as early as 7:00 AM. During the 2020 to 2021 school year, the school operated under a hybrid model due to the COVID-19 restrictions. According to the school's website, in-person classes were held on Mondays and Wednesday for grades 9 and 10 and on Tuesdays and Thursdays for grades 11 and 12 with Friday classes alternating between in-person and virtual classes for the two groups.

Typical weekday daily, commuter weekday morning (7:00 AM to 9:00 AM), and weekday afternoon (4:00 PM to 6:00 PM) trip generation characteristics have been estimated for the former private school based upon the peak and current student enrollment, the proposed zoning to allow the age-restricted carriage homes, and the by-right life-care facility. The trip generation characteristics are based upon data compiled by the Institute of Transportation Engineers (ITE) in their publication entitled, *Trip Generation Manual, 11th Edition*.

Table 4 provides a summary of the vehicular trip generation characteristics for the former school, the proposed age-restricted carriage homes that would be permitted within the zoning overlay district and text amendment, and the permitted by-right life-care facility based upon the current zoning of the parcel. During a typical weekday, the school at its peak enrollment, as well as the permitted by-right life-care facility are projected to generate more trips than the proposed age-restricted carriage homes. The proposed age-restricted carriage homes also result in less peak hour trips during both the weekday morning and afternoon commuter peak period compared to the former school use at its peak enrollment and the by-right life-care facility. As a result, it can be concluded that the proposed Zoning Overlay District and Text Amendment for the parcel to permit the age-restricted carriage homes would result in less impacts to the area roadways than the former school use or a by-right life-care facility based upon the current zoning of the parcel.

Trip Distribution and Assignment

Site-generated traffic will approach and depart the site via different routes depending on factors such as the existing traffic patterns, location of major roadways, and the location of the development's site access. The distribution percentages for the anticipated directions of approach and departure are illustrated in **Figure 4A**, based upon a typical cordon-area of the study intersections. Application of the percentages in Figure 4A to the trips associated with the proposed age-restricted carriage homes from Table 4, provides an estimate of the site traffic to be added to the study area, which is then illustrated in **Figure 4B** for the peak hours.

Table 4 –Vehicular Trip Generation Comparison [1]

Land Use	Size/ Variable	Daily	Weekday Morning Peak Hour (7:00 AM to 9:00 AM)			Weekday Afternoon Peak Hour (4:00 PM to 6:00 PM)		
			In	Out	Total	In	Out	Total
Existing School [2]								
Peak Enrollment	400 students	992	203	119	322	29	39	68
2020 to 2021 Enrollment	226 students	560	118	70	188	16	22	38
Zoning Overlay District & Text Amendment								
Proposed Age-Restricted Carriage Homes [3]	**150 d.u.**	**836**	**17**	**36**	**53**	**37**	**24**	**61**
Permitted By-Right Life-Care Facility								
Dependent Care: Personal [4]	152 d.u.	395	16	11	27	14	22	36
Dependent Care: Congregate/Personal [5]	60 d.u.	133	3	3	6	6	6	12
Apartments [6]	331 d.u.	981	22	42	64	46	37	83
Total	543 d.u.	1,509	41	46	97	66	65	131

(1) Based on the Institute of Transportation Engineers' (ITE) *Trip Generation Manual, 11th Edition.*
(2) Daily and weekday afternoon is based on the rates for ITE Land Use Code 532: Private School (K-12), while the weekday morning is based on equations.
(3) Based on the equations for ITE Land Use Code 251: Senior Adult Housing – Single-Family.
(4) Based on the rates for ITE Land Use Code 254: Assisted Living.
(5) Daily is based on the rates for ITE Land Use Code: 253 – Congregate Care Facility, while the weekday morning and afternoon is based on the equations
(6) Based on the equations for ITE Land Use Code 252: Senior Adult Housing – Multifamily.

School Signage and Equipment

With the redevelopment of the site, a thorough review of area signage will need to be conducted to remove all traffic control devices, including any school crossing and speed limit devices from the area, as well as any associated wayfinding signs for the former school. At a minimum, there is an overhead mast-arm with a flashing beacon provided for vehicles traveling north that is located on the west side of Fox Chase Road to the south of Kirkwood Avenue that will need to be removed and for vehicles traveling south, there is an overhead mast-arm with a flashing beacon located on the east side of Fox Chase Road, to the north of the St. Basil's Academy northern access.

Site Access Configuration and Traffic Control

The existing St. Basil's Academy has one main vehicular access located along Fox Chase Road (SR 2019) approximately 410 feet south of Forrest Avenue and a second access located 265 feet south of the main access, which has gates and bollards that restrict vehicles from utilizing the access. With the redevelopment of the site, the existing accesses would be closed and a new full-movement access (Road A) would be provided along Fox Chase Road directly opposite the access for Manor College, forming the fourth leg of the intersection, which would be designed to provide a landscaped median separating the single ingress lane and single egress lane for the access. An emergency only access is also proposed along Fox Chase Road located approximately 480 feet to the north of the signalized access.

The need for separate left- and/or right-turn lanes at the signalized intersection of Fox Chase Road with Manor College Access/Proposed Local Road (Road A) was based on the current PennDOT guidelines in accordance with *Publication 46, Chapter 11 – Traffic Studies*. **Table 5** summarizes the results of the auxiliary turn lane warrants for the local road intersection along Fox Chase Road. The various warrant/guideline analysis worksheets are contained in **Appendix D**.

Table 5 – Turn Lane Warrant Summary for the Intersection of Fox Chase Road with Manor College Access/Proposed Local Road (Road A)

Approach and Movement	Warrant Satisfied? (1)	Required Lane Length (1)	Proposed Lane Length (feet)
Southbound Left	No	Not Required	n/a
Northbound Right	No	Not Required	n/a
Northbound Left	No	Not Required	n/a

As the site access will be located directly opposite the Manor College Access along Fox Chase Road, the left-turn conflict factors were also reviewed for all of the approaches to determine if separate left-turn phasing should be provided for any of the approaches. The worksheet for this evaluation is also contained in Appendix D, which does not indicate the need for left-turn phasing on any of the approaches. The following access improvements are recommended, which will require the review and approval of PennDOT and Abington Township:

- Provide one ingress lane and one egress lane for the access separated by a landscaped median;
- Relocate and replace any impacted traffic signal equipment due to the inclusion of the new access road;
- Provide pedestrian equipment and pushbuttons to/from all corners of the signalized intersection of Fox Chase Road (SR 2019) with Manor College Access and the proposed site access (Road A); and
- Provide ADA compliant ramps and/or landing areas to/from northwest and northeast quadrants of the intersection as a result of the fourth leg.

Sight Distance

An evaluation of the existing available sight distance at the proposed Fox Chase Road access was performed to determine if safe sight distances are available, which would allow for right-turn on red movements to be made at the signalized access. Generally, the prevailing travel speed, roadway grades and profiles, and number of travel lanes play a role in determining if safe sight distances are available.

Table 6 provides a summary of the existing available distance for egress vehicles looking to the left, which does meet the minimum required sight distance to permit right turn on red movements according to *Exhibit 4-22 of PennDOT Publication 46*. This distance will be confirmed during the highway occupancy permit phase of the project when the signal is designed. The distances for a left-turn vehicle looking ahead and for a vehicle approaching from the rear are also adequate based upon the minimum intersection sight distance criteria from the American Association of State Highway and Transportation Officials (AASHTO) in their publication entitled *A Policy on Geometric Design of Highways and Streets.*

Table 6 - Sight Distance Evaluation
Proposed Fox Chase Road Access (Road A)

Movement	Direction	Posted Speed (mph)	Approximate Grade	Minimum Required Sight Distance (feet)	Available Sight Distance (feet)	Meets Criteria?
Exiting	**Looking Left**	35	+2%	247 (1)	253 (3)	Yes
Left-Turn Entering	**Looking Ahead**	35	+2%	285 (2)	441	Yes
	From the Rear	35	-2%	285 (2)	470	Yes

(1) Meets PennDOT's minimum sight distance criteria from *Exhibit 4-22 of Publication* 46 to allow for right-turn on red movements based on the posted speed limit and a grade of 0%. .

(2) Based on Table 9-17 for a left-turn from the major road from AASHTO's *A Policy on Geometric Design of Highways and Streets.* PennDOT's desirable sight distance for a left-turning vehicle entering from a main highway is 300 feet based *on Table 5 of Title 67 Chapter 441* for a travel speed of 35 miles per hour, which is also met.

(3) Requires removal of existing vegetation along site frontage.

A clear sight distance triangle will also be maintained for the proposed access in accordance with *Section 146-25.F. of the SALDO*. The triangle will be measured along the center line a minimum of 65 feet from the point of intersection and no vegetation or other obstruction will be provided in this area, with the exception of the traffic signal equipment. The sight distance will be further evaluated during the land development phase of the project with the Township, as well as the during the traffic signal design phase with PennDOT.

Future Traffic Conditions

This section presents the future build-out year 2029 traffic conditions, both without and with the proposed redevelopment of the St. Basil Academy based upon the proposed zoning overlay district and text amendment to allow for the age-restricted carriage homes, which are anticipated to be constructed and occupied by 2029. The future 2029 build-out year without-development traffic volumes were estimated by increasing the existing 2022 traffic volumes to account for regional growth, as described below. The incremental increase due to the anticipated trip generation for the site was then added, resulting in the future 2029 build-out year with-development traffic volumes.

Regional Traffic Growth

To account for regional traffic growth, the existing traffic volumes were increased by an annual traffic growth rate of 0.33 percent per year, which was compounded for three years to 2029 or 2.33 percent total. This growth rate is consistent with the traffic growth rate recommended by the PennDOT Bureau of Planning and Research's *Growth Factors for August 2021 and July 2022* for similar urban, non-interstate roadways in Montgomery County. There are no other known developments within Abington Township in this area of the Township, which would impact the study area intersections.

Planned Roadway Improvements

There are no known roadway improvement projects planned by PennDOT, the County, or the Township that would impact the operations of the study area intersections.

Future Traffic Volumes

The total background growth traffic volumes were then added to the existing 2022 traffic volumes, resulting in the future 2029 without-development traffic volumes. Next, the site generated traffic volumes, as shown in Figure 4B, were added to the future 2029 without-development traffic volumes, resulting in the future 2029 with-development traffic volumes.

The resultant future 2029 peak hour traffic volumes without development are illustrated in **Figure 5A,** and the future 2029 with-development peak hour traffic volumes are illustrated in **Figures 5B** for the weekday morning and weekday afternoon. These traffic volumes were then analyzed to determine the future 2029 without and with development traffic operating conditions, and the results of this analysis are shown in **Figures 5C and 5D.** Detailed traffic volume projection worksheets are provided in **Appendix E.**

Capacity/Level-of-Service Results

The peak hour traffic volumes were analyzed to determine the existing and future traffic operating conditions, both without and with the proposed age-restricted carriage homes, in accordance with the standard techniques contained in the current *Highway Capacity Manual (6th Edition)* for signalized intersections. The HCM 6th Edition Methodology within Synchro 10.3 (build 151, rev. 0) traffic analysis software was utilized in the traffic analyses.

These standard capacity/level-of-service analysis techniques, which calculate total control delay, are described in **Appendix F** for signalized intersections, as well as the correlation between average total control delay and the respective level-of-service (LOS) criteria for each intersection type. The following procedures and assumptions were utilized for the analysis, which are also based upon PennDOT's *Policies and Procedures for Transportation Impact Studies Related to Highway Occupancy Permit Plans,* as well as other general engineering principals:

- For signalized intersections, the Pennsylvania base saturation flow rate (Exhibit 10-9) and Pennsylvania traffic signal control calibration parameters (Exhibit 10-10) outlined in PennDOT's *Publication 46, Traffic Engineering Manual*, were used.

- If the evaluation of without-development to with-development conditions indicates that the overall intersection level-of-service has dropped, mitigation will be required if the increase in delay is greater than 10 seconds. If the overall intersection delay increase is less than or equal to 10 seconds, mitigation of the intersection will not be required.

- The existing traffic signal phasing at the intersection of Fox Chase Road (S.R. 2019) and Cedar Road is not currently supported by the *Highway Capacity Manual* methodology due to the advanced left-turn phases provided on two approaches where separate left-turn lanes are not provided. Therefore, delay and queue results for this intersection are based on the Synchro percentile methodology.

The existing, future build-out year 2029 traffic conditions, both without and with the proposed development, are summarized in **Figures 3B, 5C, and 5D,** respectively. The detailed capacity/level-of-service analysis worksheets are provided in **Appendices G, H, and I**. **Table 6** below summarizes the overall levels of service for the study area intersections for the two peak hours. The detailed results of the level-of-service analysis and the 95th percentile queues are contained in the matrices provided in **Tables 7 and 8**, respectively.

Based on the results of the analysis, mitigation measures are not required at the two off-site study area intersections as a result of the redevelopment of the site. All of the study area intersections are anticipated to operate at acceptable levels of service overall (LOS B or better) during both peak hours with the corresponding lane groups also operating acceptably (LOS D or better).

Table 6. Overall Intersection Levels-of-Service

Weekday Morning Peak Hour

Intersection of Fox Chase Road	Overall Level-of-Service (Delay in Seconds)		Drop in LOS/ Increase in Delay (2)	Requires Mitigation
	Without Development	With Development (1)		
Forrest Avenue	A (8.9)	A (8.8)	No LOS Drop	No
Manor College Access/Proposed Local Road	A (1.7)	A (3.5)	No LOS Drop	No
Cedar Road (S.R. 2058)	C (27.3)	C (27.9)	No LOS Drop	No

Weekday Afternoon Peak Hour

Intersection of Fox Chase Road	Overall Level-of-Service (Delay in Seconds)		Drop in LOS/ Increase in Delay (2)	Requires Mitigation
	Without Development	With Development (1)		
Forrest Avenue	A (9.4)	A (9.3)	No LOS Drop	No
Manor College Access/Proposed Local Road	A (3.8)	A (4.4)	No LOS Drop	No
Cedar Road (S.R. 2058)	C (26.2)	C (27.4)	No LOS Drop	No

(1) With-development base conditions without improvements.
(2) Based on the difference in delay from without-development to with-development conditions, in accordance with PennDOT's level of service requirements.

Conclusions and Recommendations

The proposed Zoning Overlay District and Text Amendment to permit the development of approximately 150 age-restricted carriage homes on the former St. Basil Academy parcel will generate approximately 836 total trips (entering and exiting) on a typical weekday, of which 53 and 61 total trips (entering and exiting) would be generated during the weekday morning and afternoon commuter peak hours. During a typical weekday, the school at its peak enrollment, as well as the permitted by-right life-care facility are projected to generate more trips than the proposed age-restricted carriage homes. The proposed age-restricted carriage homes also result in less peak hour trips during both the weekday morning and afternoon commuter peak period compared to the former school use at its peak enrollment and the by-right life-care facility. As a result, it can be concluded that the proposed Zoning Overlay District and Text Amendment for the parcel to permit the age-restricted carriage homes would result in less impacts to the area roadways than the former school use or a by-right life-care facility based upon the current zoning of the parcel.

Based upon the traffic evaluation, no off-site mitigation measures are recommended as the two signalized intersections along Fox Chase Road with Forrest Avenue and Cedar Road will both continue to operate at acceptable levels of service overall (LOS B or better) during both peak hours with the lane groups also operating acceptably (LOS D or better).

As the site access will be located directly opposite the Manor College Access along Fox Chase Road, it would then form the fourth leg of the traffic control signal. The following access improvements are recommended, which will require the review and approval of PennDOT and Abington Township:

- Provide one ingress lane and one egress lane for the access separated by a landscaped median;
- Relocate and replace any impacted traffic signal equipment due to the inclusion of the new access road;
- Provide pedestrian equipment and pushbuttons to/from all corners of the signalized intersection of Fox Chase Road (SR 2019) with Manor College Access and the proposed site access (Road A); and
- Provide ADA compliant ramps and/or landing areas to/from northwest and northeast quadrants of the intersection as a result of the fourth leg.

The proposed emergency access will also require review and coordination with Abington Township's emergency service providers. Since the former parcel use was a school, it is recommended that any associated wayfinding signage for the school be removed and that the school speed limit signing, flashing devices, and other associated school signage along Fox Chase Road be removed in conjunction with the redevelopment of the parcel.

The traffic analyses contained herein reveal that efficient access to and from the proposed redevelopment can be provided, and furthermore, site-generated traffic can be accommodated at the study area intersections.

Table 7 - Level of Service Matrices

1. Fox Chase Road and Forrest Avenue

Time Period			Weekday Morning Peak Hour			Weekday Afternoon Peak Hour		
Design Year			2022	2025 Build-Out Year		2022	2025 Build-Out Year	
Development Condition			Existing	w/o Dev	w/Dev	Existing	w/o Dev	w/Dev
Forrest Avenue	EB	Left	C	C	C	C	C	C
		Thru						
		Right	21.6	21.7	21.7	22.5	22.5	22.6
	WB	Left	C	C	C	C	C	C
		Thru						
		Right	21.3	21.3	21.3	20.7	20.7	20.7
Fox Chase Road	NB	Left	A	A	A	A	A	A
		Thru						
		Right	3.7	3.7	3.7	3.4	3.4	3.4
	SB	Left	A	A	A	A	A	A
		Thru						
		Right	3.1	3.2	3.2	3.2	3.2	3.2
Overall			A	A	A	A	A	A
			8.8	8.9	8.8	9.3	9.4	9.3

Table 7 - Level of Service Matrices

3. Fox Chase Road and Manor College Access / Proposed Local Road

Time Period			Weekday Morning Peak Hour			Weekday Afternoon Peak Hour		
Design Year			2022	2025 Build-Out Year		2022	2025 Build-Out Year	
Development Condition			Existing	w/o Dev	w/Dev	Existing	w/o Dev	w/Dev
Manor College Access	EB	Left	C	C	C	C	C	C
		Thru	26.5	26.5	24.7	29.6	29.6	25.5
		Right						
Proposed Local Road	WB	Left	-	-	C	-	-	C
		Thru			26.1			25.0
		Right						
Fox Chase Road	NB	Left	A	A	A	A	A	A
		Thru	1.5	1.5		1.7	1.7	
		Right	-	-	1.9	-	-	1.9
	SB	Left	-	-	A	-	-	A
		Thru	A	A		A	A	
		Right	1.5	1.5	1.8	1.9	1.9	2.1
Overall			A	A	A	A	A	A
			1.7	1.7	3.5	3.7	3.8	4.4

Table 7 - Level of Service Matrices

4. Fox Chase Road (S.R. 2019) and Cedar Road (S.R. 2058)

Time Period			Weekday Morning Peak Hour			Weekday Afternoon Peak Hour		
Design Year			2022	2025 Build-Out Year		2022	2025 Build-Out Year	
Development Condition			Existing	w/o Dev	w/Dev	Existing	w/o Dev	w/Dev
Cedar Road (S.R. 2058)	EB	Left	C	C	C	C	C	C
		Thru	22.7	23.8	25.2	20.7	21.7	24.1
		Right						
	WB	Left	C	C	C	C	C	C
		Thru	33.8	34.4	34.7	32.8	33.5	33.8
		Right						
Fox Chase Road (S.R. 2019)	NB	Left	D	D	D	D	D	D
		Thru	36.3	37.2	38.0	35.4	35.8	36.6
		Right						
Fox Chase Road	SB	Left	B	B	B	B	B	B
		Thru	14.8	15.1	16.1	18.4	18.7	19.7
		Right						
Overall			C	C	C	C	C	C
			26.5	27.3	27.9	25.5	26.2	27.4

Table 8- 95th Percentile Queue Matrices

1. Fox Chase Road and Forrest Avenue

Time Period			Current Storage [1]	Weekday Morning Peak Hour			Weekday Afternoon Peak Hour		
Design Year				2022	2025 Build-Out Year		2022	2025 Build-Out Year	
Development Condition				Existing	w/o Dev	w/Dev	Existing	w/o Dev	w/Dev
Forrest Avenue	EB	Left	*2,950'*	48	48	48	65	68	68
		Thru							
		Right							
	WB	Left	-	50	50	53	35	35	38
		Thru							
		Right							
Fox Chase Road	NB	Left	*775'*	33	35	38	25	28	25
		Thru							
		Right							
	SB	Left	*3,425'*	25	25	25	25	25	25
		Thru							
		Right							

(1) Distance to adjacent intersections shown in italics.

Table 8- 95th Percentile Queue Matrices

3. Fox Chase Road and Manor College Access / Proposed Local Road

Time Period			Current Storage [1]	Weekday Morning Peak Hour			Weekday Afternoon Peak Hour		
Design Year				2022	2025 Build-Out Year		2022	2025 Build-Out Year	
Development Condition				Existing	w/o Dev	w/Dev	Existing	w/o Dev	w/Dev
Manor College Access	EB	Left	-	25	25	25	25	25	25
		Thru							
		Right							
Proposed Local Road	WB	Left	-	-	-	25	-	-	25
		Thru							
		Right							
Fox Chase Road	NB	Left	*1450'*	25	25	25	25	25	25
		Thru							
		Right		-	-		-	-	
	SB	Left	*775'*	-	-	25	-	-	25
		Thru		25	25		25	25	
		Right							

(1) Distance to adjacent intersections shown in italics.

Table 8- 95th Percentile Queue Matrices

4. Fox Chase Road (S.R. 2019) and Cedar Road (S.R. 2058)

Time Period			Current Storage [1]	Weekday Morning Peak Hour			Weekday Afternoon Peak Hour		
Design Year				2022	2025 Build-Out Year		2022	2025 Build-Out Year	
Development Condition				Existing	w/o Dev	w/Dev	Existing	w/o Dev	w/Dev
Cedar Road (S.R. 2058)	EB	Left	*4,875'*	234	242	245	256	268	284
		Thru							
		Right							
	WB	Left	*2,050'*	246	253	256	253	263	273
		Thru							
		Right							
Fox Chase Road (S.R. 2019)	NB	Left	-	184	192	196	155	158	165
		Thru							
		Right							
Fox Chase Road	SB	Left	*1,450'*	144	149	167	191	195	208
		Thru							
		Right							

(1) Distance to adjacent intersections shown in italics.

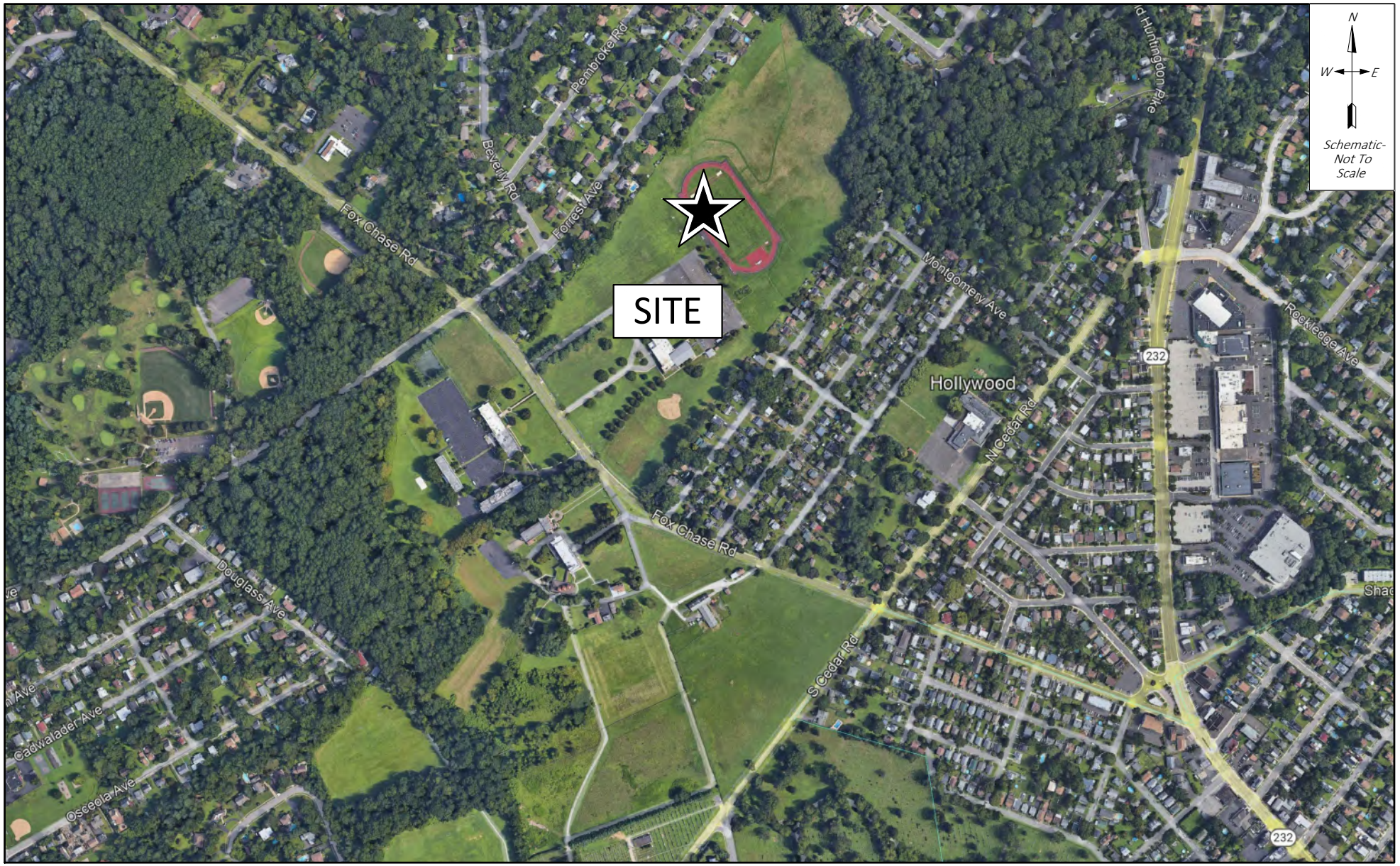


FIGURE 1

Location Map

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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FIGURE 2

Site Plan

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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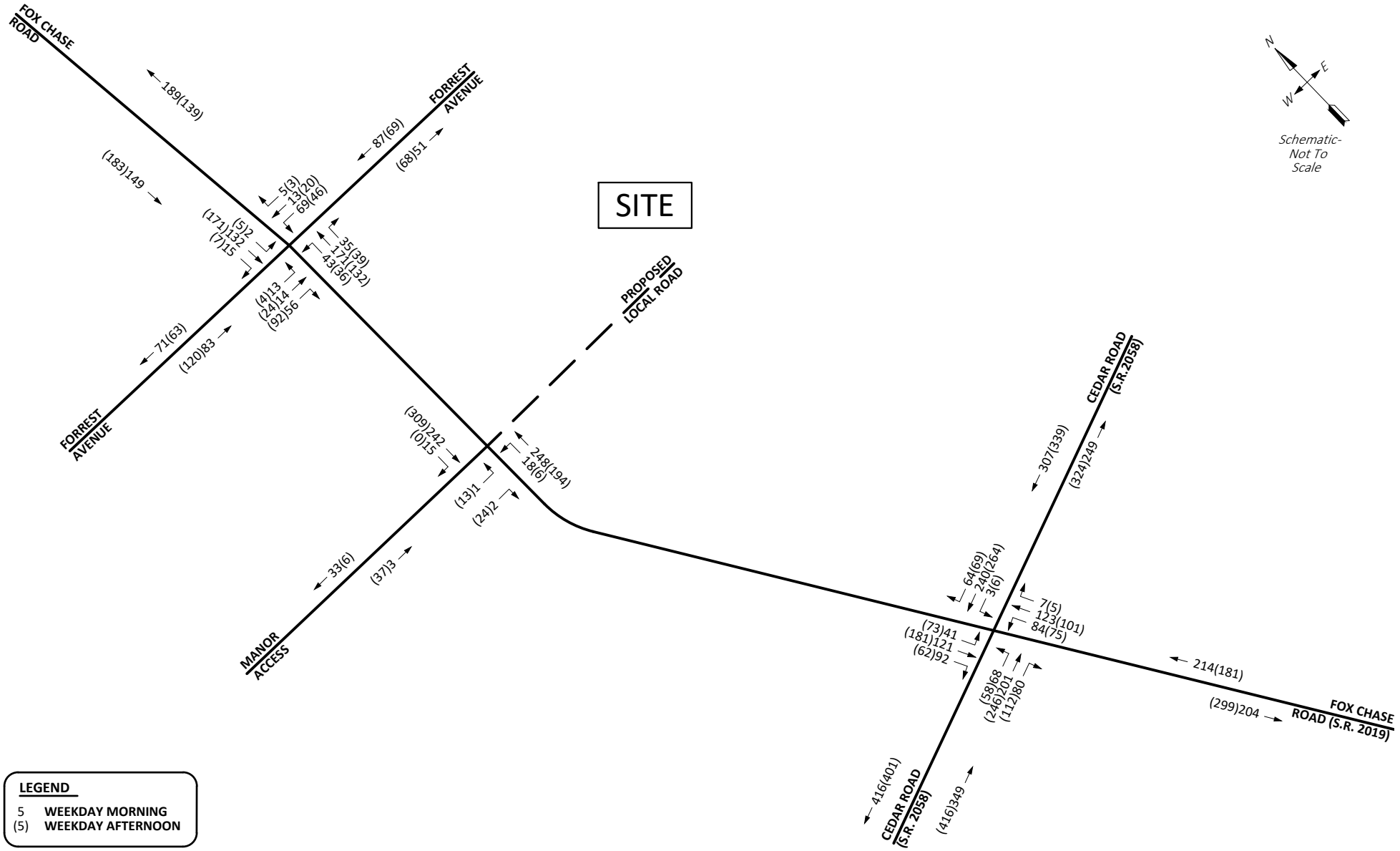


FIGURE 3A

2022 Existing Peak Hour Volumes

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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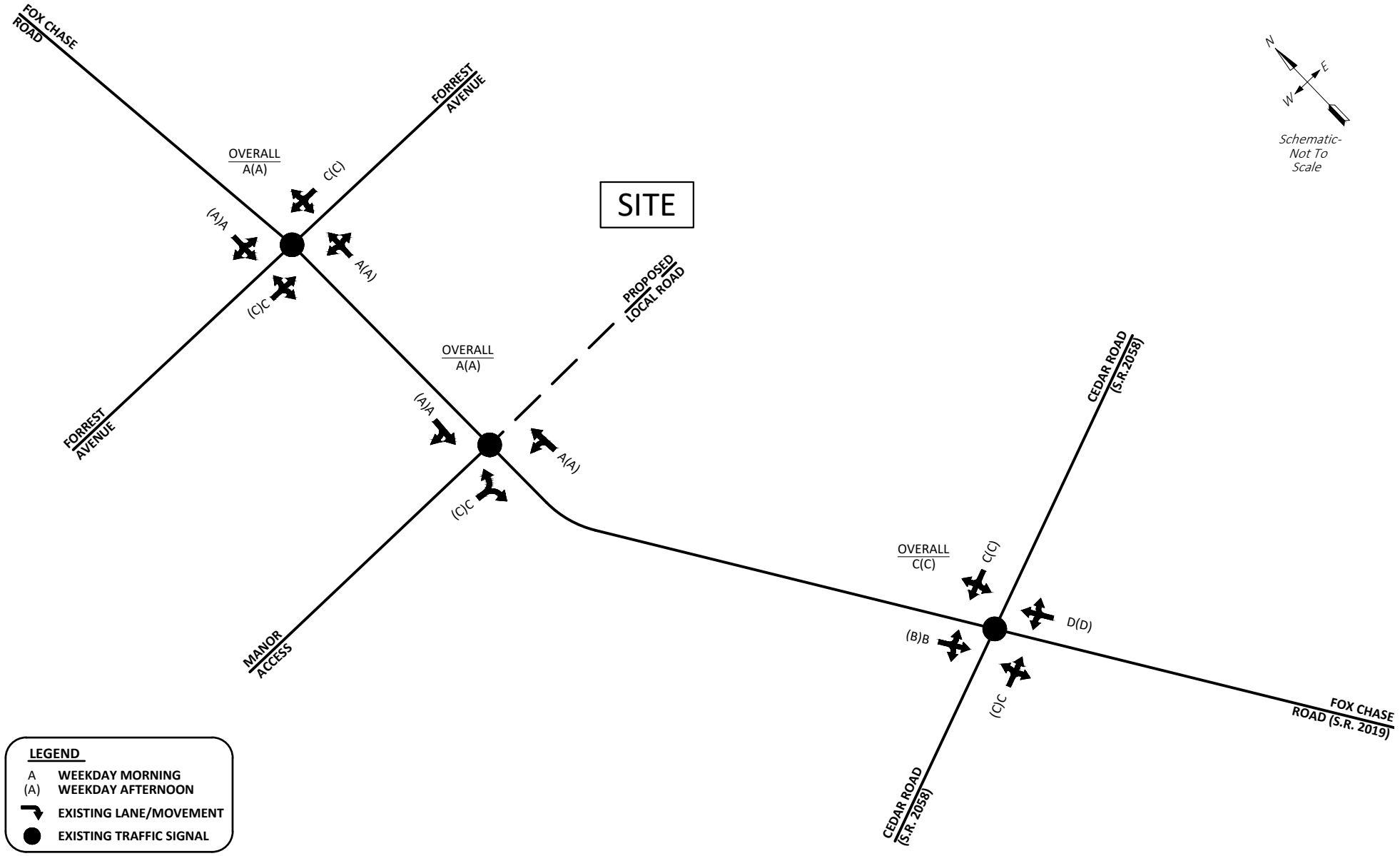


FIGURE 3B

2022 Existing Peak Hour Levels-of-Service

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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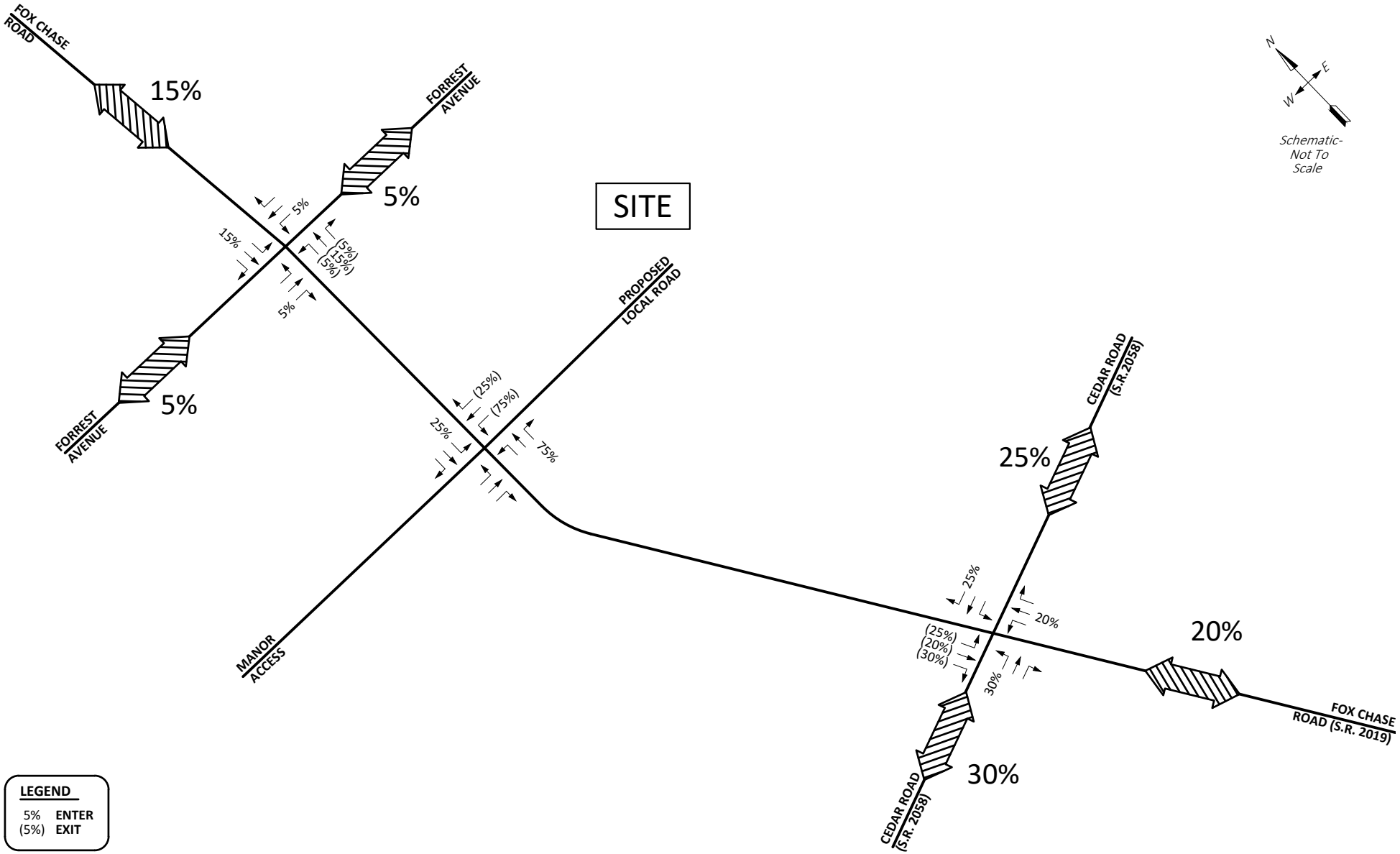


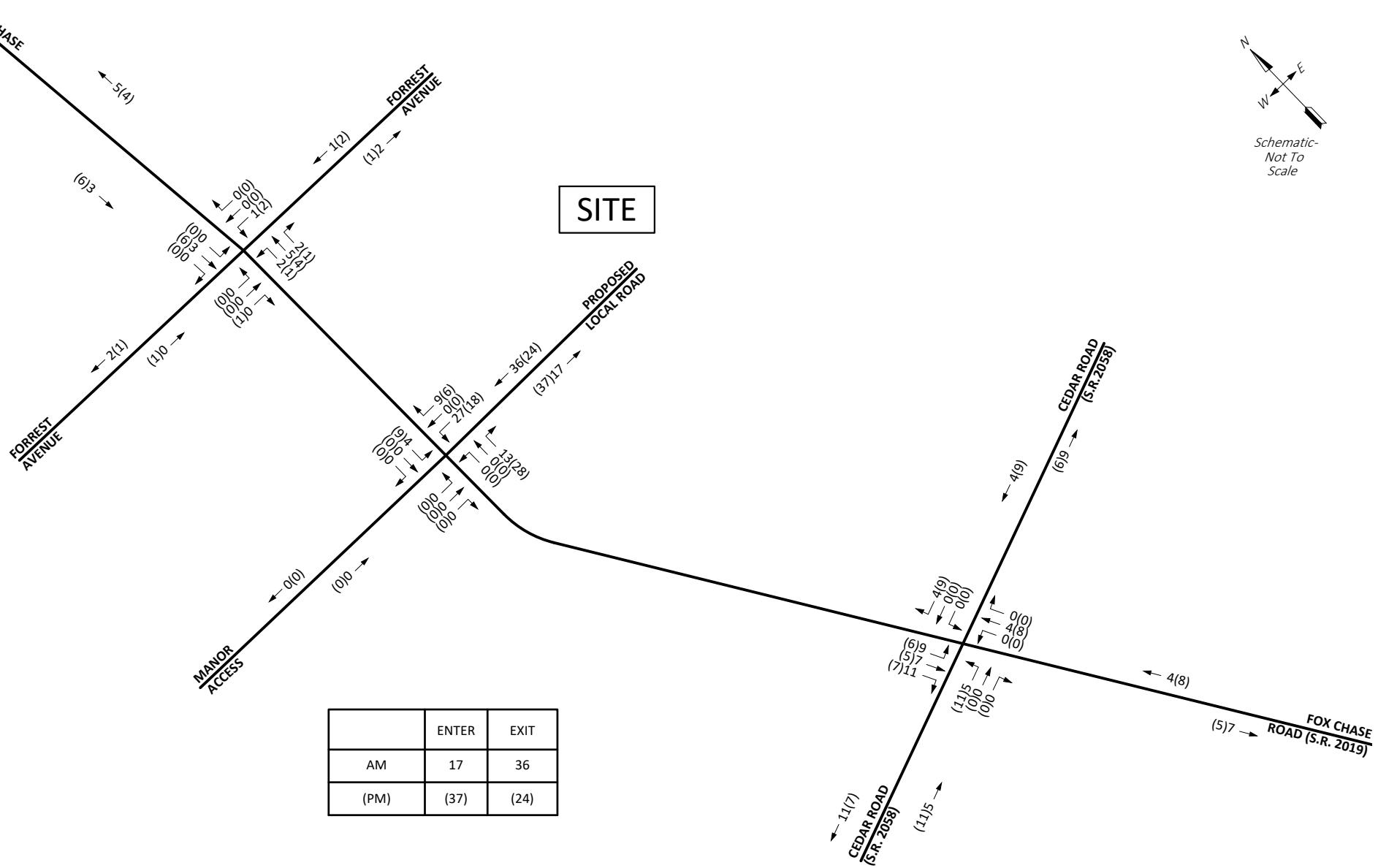
FIGURE 4A

Site Trip Distribution

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

McMAHON



	ENTER	EXIT
AM	17	36
(PM)	(37)	(24)

FIGURE 4B

Site Trip Assignment

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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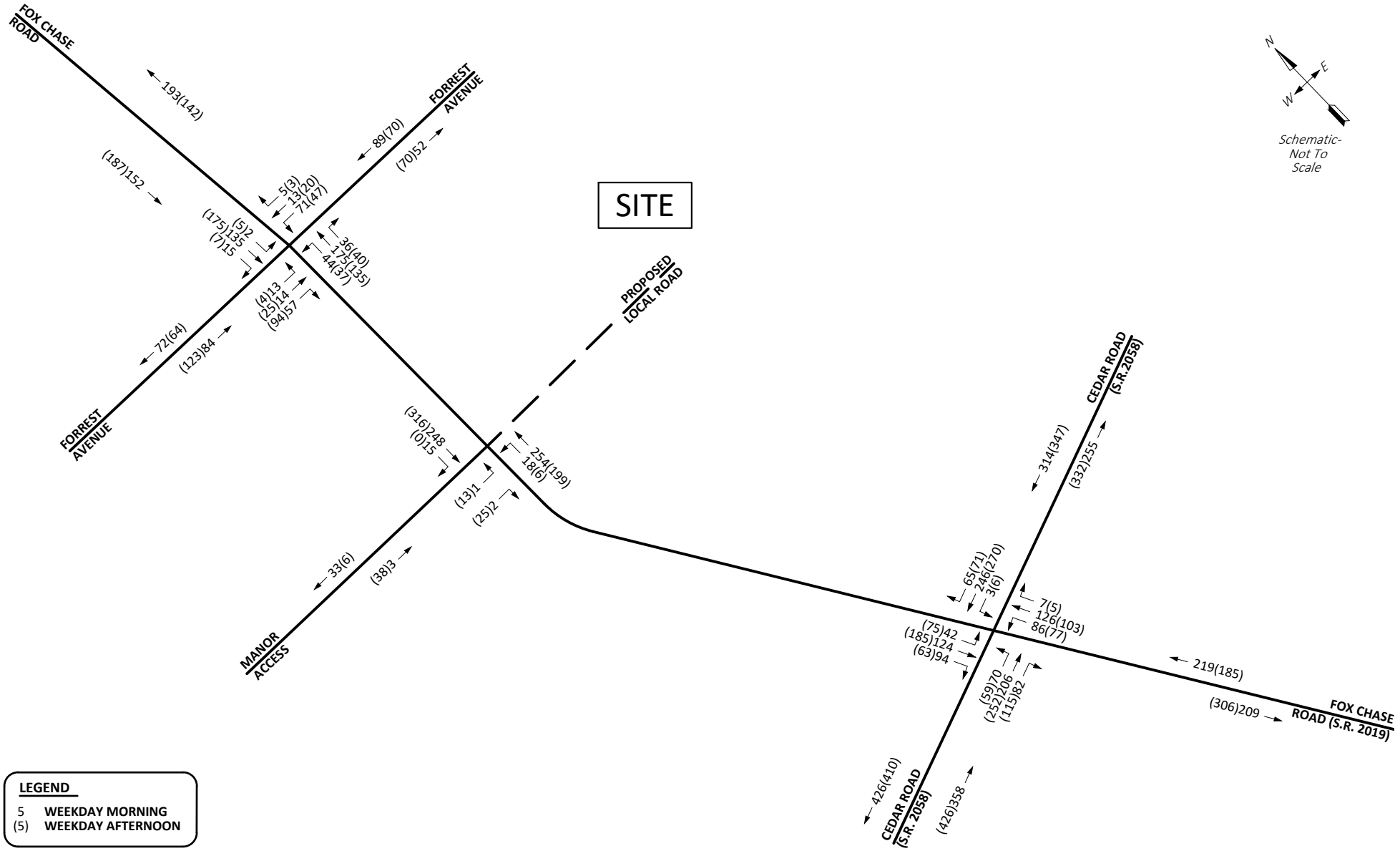


FIGURE 5A

2029 Future Peak Hour Traffic Volumes without Development

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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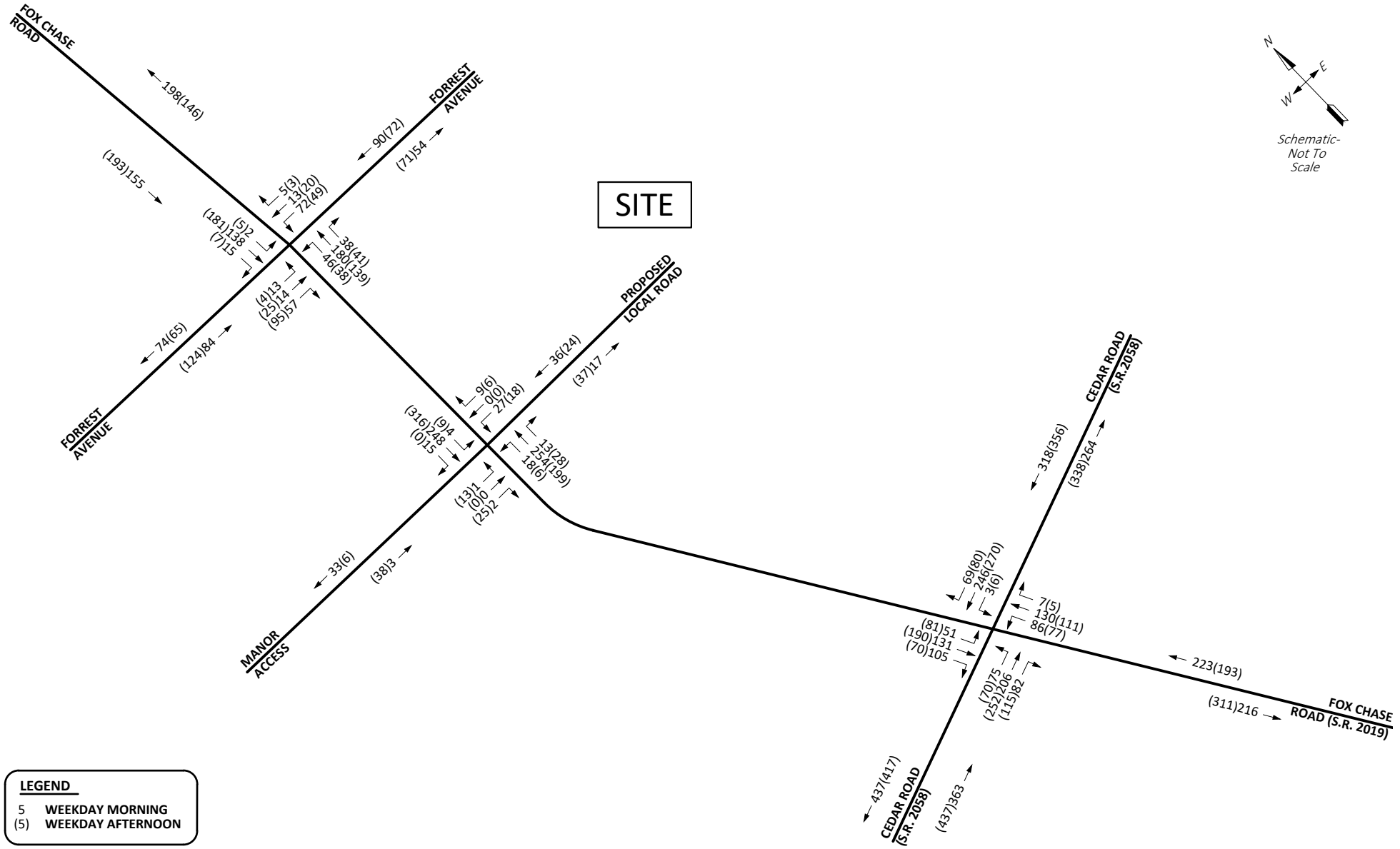


FIGURE 5B

2029 Future Peak Hour Traffic Volumes with Development

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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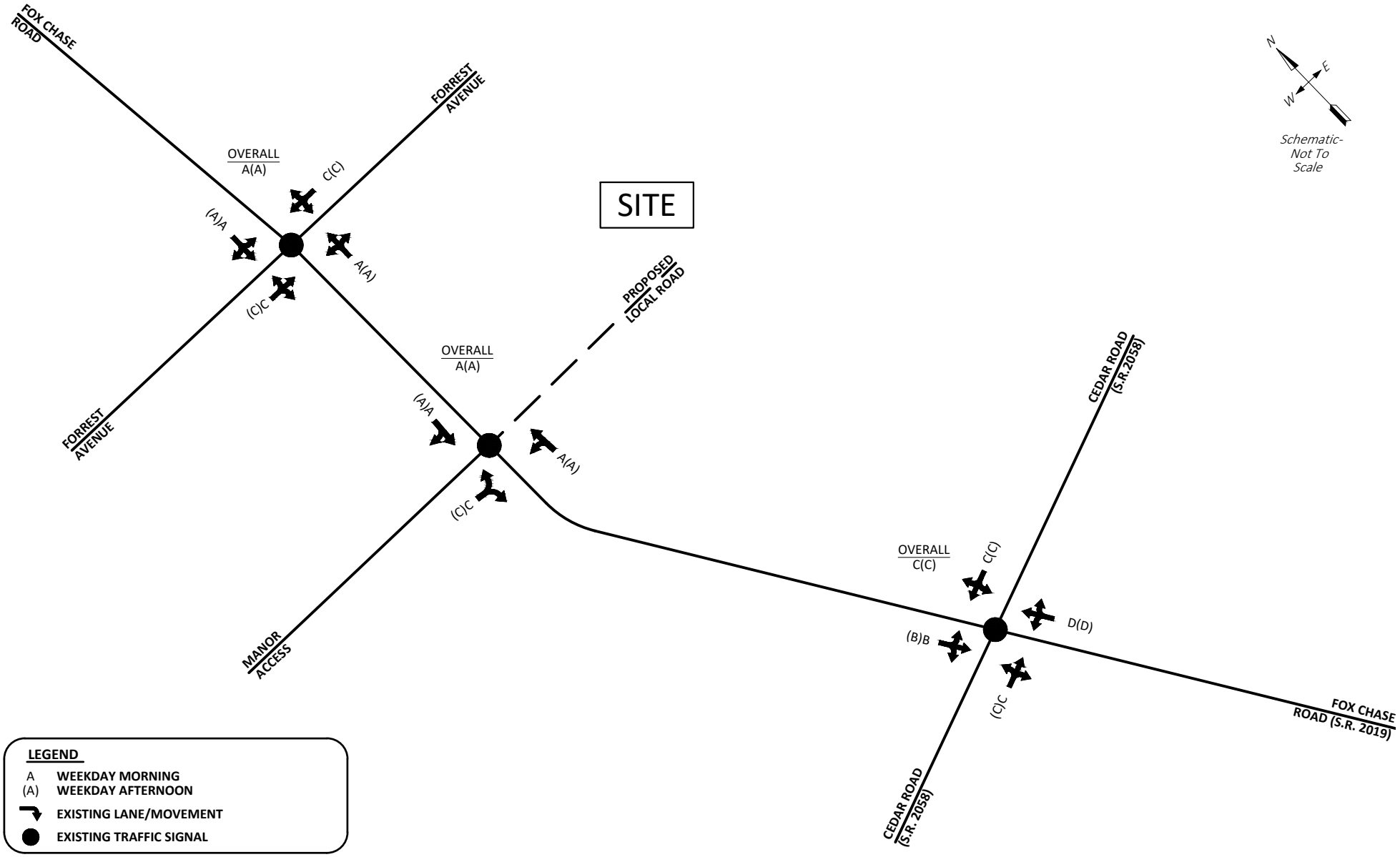


FIGURE 5C

2029 Future Peak Hour Levels of Service without Development

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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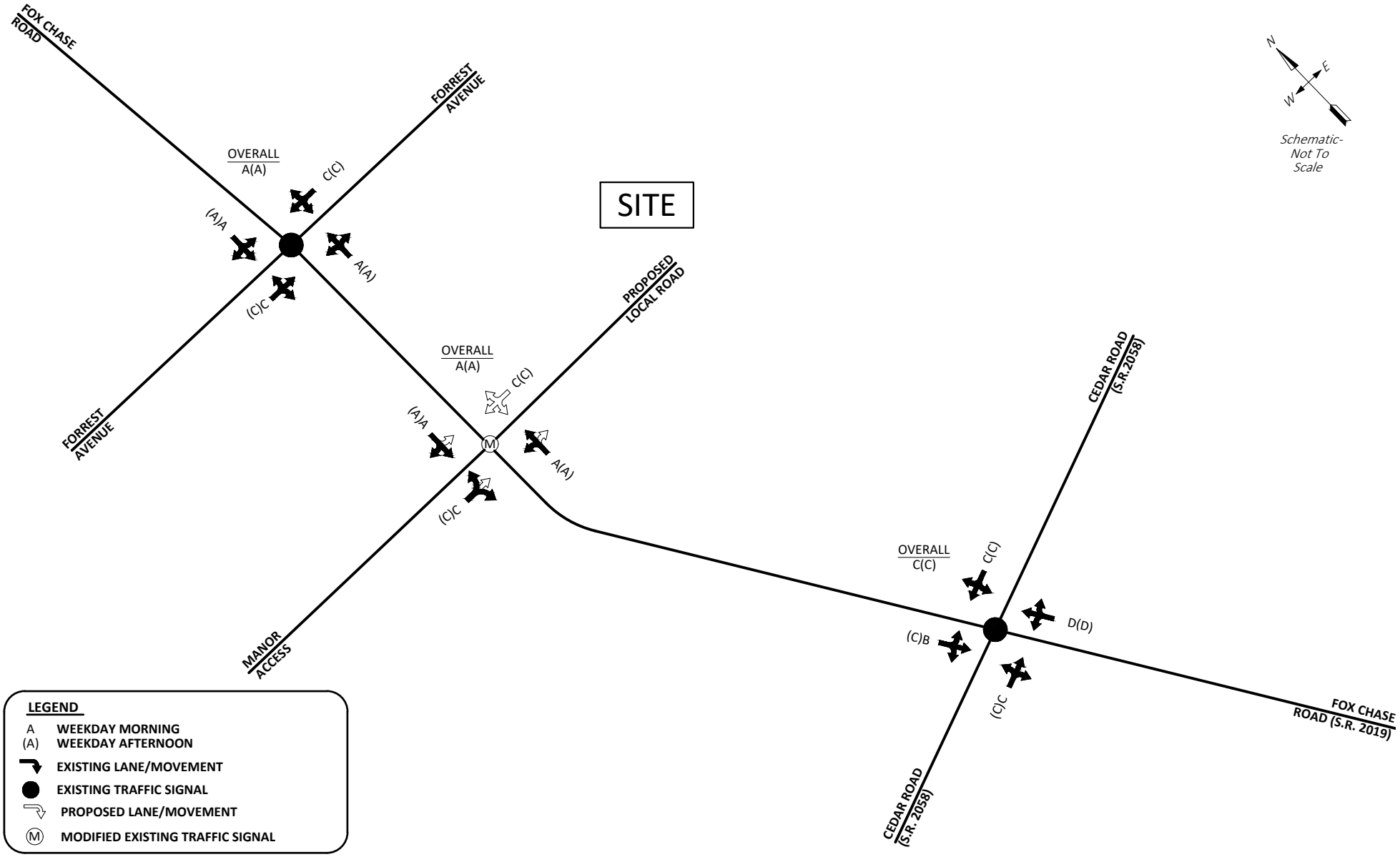


FIGURE 5D

2029 Future Peak Hour Levels of Service with Development

ST. BASIL REDEVELOPMENT

ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

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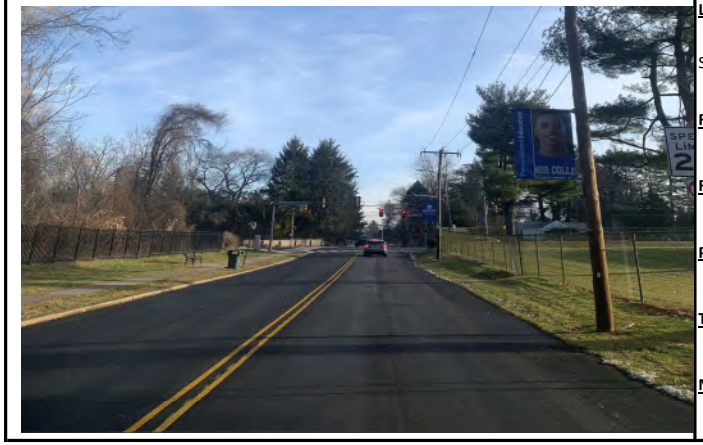
Appendix A

Intersection Inventory

INTERSECTION INVENTORY SUMMARY

Fox Chase Road and Forrest Avenue

Eastbound Forrest Avenue Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Local

Roadway Ownership

Township

Posted Speed Limit

25 MPH

Traffic Control

Traffic Signal

Notes

Westbound Forrest Avenue Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Local

Roadway Ownership

Township

Posted Speed Limit

25 MPH

Traffic Control

Traffic Signal

Notes

Northbound Fox Chase Road Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

Township

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

Southbound Fox Chase Road Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

Township

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

INTERSECTION INVENTORY SUMMARY

Fox Chase Road and Manor College Access

Eastbound Manor College Access Approach



Lane Geometry

Shared Left//Right

Roadway Classification

Private

Roadway Ownership

Private

Posted Speed Limit

NPSL

Traffic Control

Traffic Signal

Notes

Northbound Fox Chase Road Approach



Lane Geometry

Shared Left/Through

Roadway Classification

Urban - Major Collector

Roadway Ownership

Township

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

Southbound Fox Chase Road Approach



Lane Geometry

Shared Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

Township

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

INTERSECTION INVENTORY SUMMARY

Fox Chase Road (S.R. 2019) and Cedar Road (S.R. 2058)

Eastbound Cedar Road (S.R. 2058) Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

State

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

Westbound Cedar Road (S.R. 2058) Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

State

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

Northbound Fox Chase Road (S.R. 2019) Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

State

Posted Speed Limit

35 MPH

Traffic Control

Traffic Signal

Notes

Southbound Fox Chase Road Approach



Lane Geometry

Shared Left/Through/Right

Roadway Classification

Urban - Major Collector

Roadway Ownership

Township

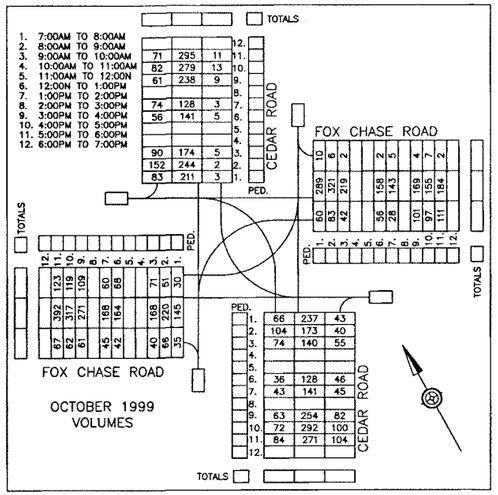
Posted Speed Limit

35 MPH

Traffic Control

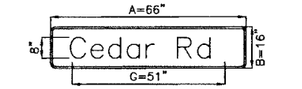
Traffic Signal

Notes

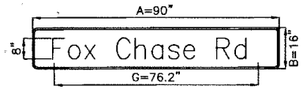


SIGN TABULATION			
PLAN SYMBOL	SERIES NUMBER	SIZE	REMARKS
A	R10-6AL	24"X30"	STOP HERE ON RED
B	R10-11	30"X36"	NO TURN ON RED
C	R10-12	30"X36"	LEFT TURN YIELD ON GREEN ●
E	D3-4	66"X16"	OVERHEAD STREET NAME SIGN (SEE DETAIL)
F	D3-4	96"X16"	OVERHEAD STREET NAME SIGN (SEE DETAIL)
G	R9-3	18"X18"	NO PEDESTRIAN CROSSING
J	R10-4	9"X12"	PUSH BUTTON FOR GREEN SIGNAL

SIGN DETAILS
NOT TO SCALE

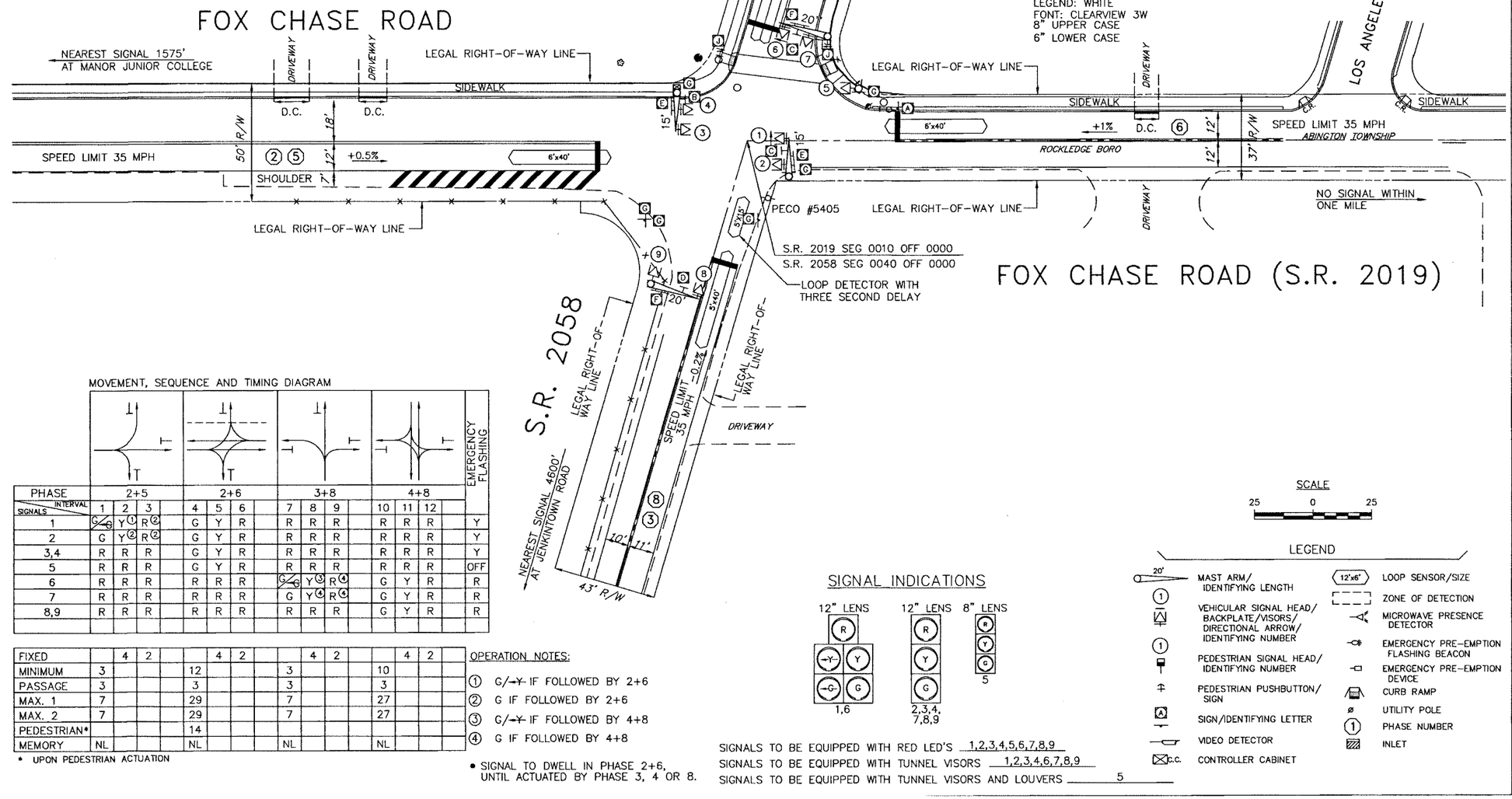


SIGN E



SIGN F

BACKGROUND: RED
LEGEND: WHITE
FONT: CLEARVIEW 3W
8" UPPER CASE
6" LOWER CASE



MOVEMENT, SEQUENCE AND TIMING DIAGRAM

PHASE	2+5			2+6			3+8			4+8			EMERGENCY FLASHING
INTERVAL / SIGNALS	1	2	3	4	5	6	7	8	9	10	11	12	
1	G/→Y←	Y①	R②	G	Y	R	R	R	R	R	R	R	Y
2	G	Y②	R②	G	Y	R	R	R	R	R	R	R	Y
3,4	R	R	R	G	Y	R	R	R	R	R	R	R	Y
5	R	R	R	G	Y	R	R	R	R	R	R	R	OFF
6	R	R	R	R	R	R	G/→Y←	Y④	R④	G	Y	R	R
7	R	R	R	R	R	R	G	Y④	R④	G	Y	R	R
8,9	R	R	R	R	R	R	R	R	R	G	Y	R	R

FIXED		4	2		4	2		4	2		4	2	
MINIMUM	3			12			3			10			
PASSAGE	3			3			3			3			
MAX. 1	7			29			7			27			
MAX. 2	7			29			7			27			
PEDESTRIAN*				14									
MEMORY	NL			NL			NL			NL			

* UPON PEDESTRIAN ACTUATION

OPERATION NOTES:

① G/→Y← IF FOLLOWED BY 2+6
② G IF FOLLOWED BY 2+6
③ G/→Y← IF FOLLOWED BY 4+8
④ G IF FOLLOWED BY 4+8

● SIGNAL TO DWELL IN PHASE 2+6, UNTIL ACTUATED BY PHASE 3, 4 OR 8.

SIGNAL INDICATIONS

SIGNALS TO BE EQUIPPED WITH RED LED'S 1,2,3,4,5,6,7,8,9
SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS 1,2,3,4,6,7,8,9
SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS AND LOUVERS 5

SCALE
25 0 25

LEGEND

- 20' — MAST ARM/ IDENTIFYING LENGTH
- ① — VEHICULAR SIGNAL HEAD/ BACKPLATE/VISORS/ DIRECTIONAL ARROW/ IDENTIFYING NUMBER
- ① — PEDESTRIAN SIGNAL HEAD/ IDENTIFYING NUMBER
- PEDESTRIAN PUSHBUTTON/ SIGN
- A — SIGN/IDENTIFYING LETTER
- VIDEO DETECTOR
- C.C. — CONTROLLER CABINET
- 12'x6' — LOOP SENSOR/SIZE
- ZONE OF DETECTION
- MICROWAVE PRESENCE DETECTOR
- EMERGENCY PRE-EMPTION FLASHING BEACON
- EMERGENCY PRE-EMPTION DEVICE
- CURB RAMP
- UTILITY POLE
- ① — PHASE NUMBER
- INLET

GENERAL NOTES

NO MODIFICATIONS OF THIS INSTALLATION ARE PERMITTED UNLESS PRIOR APPROVAL IS GRANTED IN WRITING BY A REPRESENTATIVE OF THE DEPARTMENT OF TRANSPORTATION.

ALL MAINTENANCE WORK INCLUDING TRIMMING OF TREES, NECESSARY FOR PROPER VISIBILITY OF THE SIGNALS IS THE RESPONSIBILITY OF THE PERMITTEE.

ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH PUBLICATION NO. 212.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB OR THE EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM CLEARANCE HORIZONTALLY OF 2 FEET.

SIGNALS ERECTED OVER THE ROADWAY SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 16 FT. ABOVE THE ROADWAY. POST MOUNTED SIGNALS SHALL BE A MINIMUM OF 8 FT. ABOVE THE SIDEWALK OR PAVEMENT.

ALL OVERHEAD SIGNALS MUST BE RIGIDLY MOUNTED, TOP AND BOTTOM, AND EQUIPPED WITH BACKPLATES.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNALS MEASURED AT RIGHT ANGLES TO THE APPROACH SHALL BE 8 FEET.

EXACT LOCATION OF DETECTORS SHALL BE DETERMINED PRIOR TO INSTALLATION BY A REPRESENTATIVE OF PENNDOT.

CURBING TO BE INSTALLED BY MUNICIPALITY AND WHERE NOTED, SHALL BE PLAIN CEMENT CONCRETE CURB OR GRANITE CURB, INSTALLED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS FORM 408.

PRIOR TO INSTALLATION THE CONTRACTOR SHALL CONSULT WITH THE LOCAL OFFICIALS AND UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF THE LATEST AMENDMENT TO ACT 287, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, DATED DECEMBER 20, 1974.

WHEN LIQUID FUELS MONEY IS USED, SIGNAL INSTALLATION MUST CONFORM TO FORM 408 AND A COPY OF THE PROPOSED SPECIFICATIONS MUST BE SUBMITTED TO THE DISTRICT TRAFFIC UNIT, FOR REVIEW, PRIOR TO BIDDING.

PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT FOR ANY CHANGES IN INTERSECTION GEOMETRY REGARDING EXCAVATION.

CONDUIT INSTALLED IN BITUMINOUS ROADWAY LESS THAN 5 YEARS OLD, OR CONCRETE ROADWAY REGARDLESS OF AGE, MUST BE BORED OR JACKED UNDER THE ROADWAY. INSTALL IN ACCORDANCE WITH TRAFFIC SIGNAL STANDARDS TC-8800 SERIES.

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-0

COUNTY: MONTGOMERY
MUNICIPALITY: ABINGTON TOWNSHIP / ROCKLEDGE BOROUGH
INTERSECTION: FOX CHASE ROAD (S.R. 2019) & CEDAR ROAD (S.R. 2058)

REVIEWED:

DATE

MUNICIPAL OFFICIAL DATE

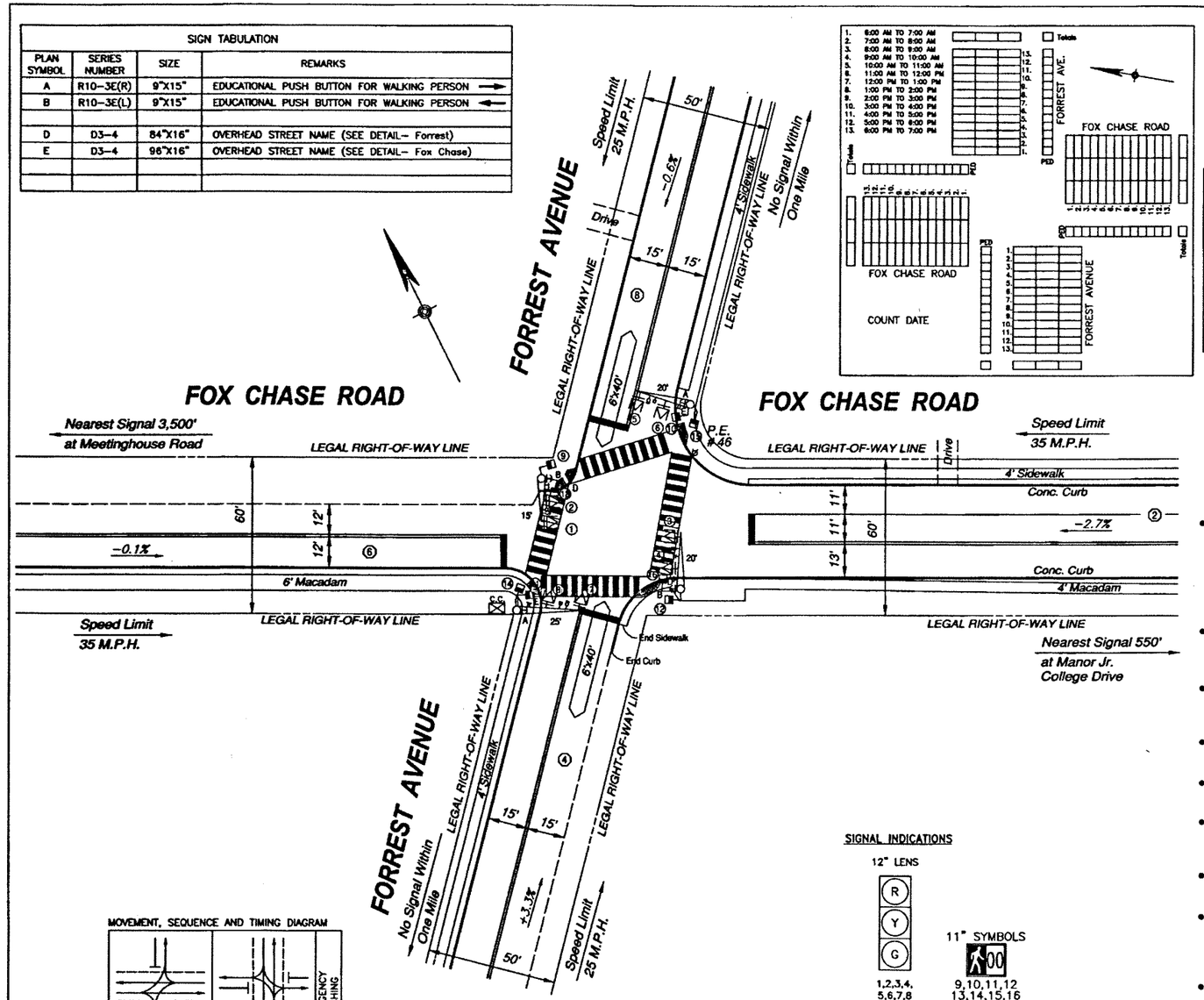
RECOMMENDED:

WERNER J EICHORN 2-7-00
DISTRICT TRAFFIC ENGINEER DATE

NO.	REVISION	DES./ REVW.	DATE	REVW.	DATE	RECOM.	DATE
1	ADD NB ADVANCE, CHNGE MA ON NW & SE CORNER TO 15'	JPS	1/11/00	MLK	1/12/00	WJE	2/7/00
2	NEW DWG, REVISED CURB RAMPS AND PEDESTRIAN TIMES	MCM		DLA	2/17/11	ABP	2/18/11
3	REVISED PAVEMENT MARKINGS FOR EB FOX CHASE ROAD	EJR	8/30/18	KPL	10/17/18	DLA	10/19/18
4							
5							
6							
7							
8							

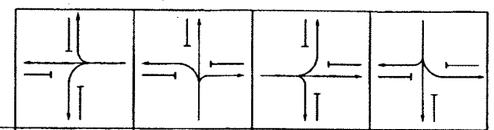
SHEET 2 OF 2 | PERMIT # 64-0347 | FILE # 0347

SIGN TABULATION			
PLAN SYMBOL	SERIES NUMBER	SIZE	REMARKS
A	R10-3E(R)	9"X15"	EDUCATIONAL PUSH BUTTON FOR WALKING PERSON →
B	R10-3E(L)	9"X15"	EDUCATIONAL PUSH BUTTON FOR WALKING PERSON ←
D	D3-4	84"X16"	OVERHEAD STREET NAME (SEE DETAIL- Forrest)
E	D3-4	96"X16"	OVERHEAD STREET NAME (SEE DETAIL- Fox Chase)



EMERGENCY PRE-EMPTION PHASING

MOVEMENT, SEQUENCE AND TIMING DIAGRAM



PHASE	2			4			6			8		
SIGNALS \ INTERVAL	9	10	11	12	13	14	15	16	17	18	19	20
1,2	G	Y◎	R◎	R	R	R	R	R	R	R	R	R
3,4	R	R	R	R	R	R	G	Y◎	R◎	R	R	R
5,6	R	R	R	G	Y	R	R	R	R	R	R	R
7,8	R	R	R	R	R	R	R	R	R	G	Y	R
9,10	H	H	H	H	H	H	H	H	H	H	H	H
11,12	H	H	H	H	H	H	H	H	H	H	H	H
13,14	H	H	H	H	H	H	H	H	H	H	H	H
15,16	H	H	H	H	H	H	H	H	H	H	H	H
FIXED	**	4	2	**	3	2	**	4	2	**	3	2

* FOR DURATION OF PRE-EMPTION

◎ G WHEN RETURNING TO NORMAL OPERATION.

NOTE: IF PRE-EMPTION EQUIPMENT HAS ENCODING CAPABILITIES FOR VEHICLE IDENTIFICATION, IT IS RECOMMENDED TO HAVE THE ZERO "00" FEATURE ON, TO GIVE UNCODED EMITTERS THE ABILITY TO ACTIVATE THE EMERGENCY PRE-EMPTION.

EMERGENCY PRE-EMPTION NOTES:

- CONTROLLER TO BE EQUIPPED WITH EMERGENCY PRE-EMPTION FOR THE WESTBOUND AND EASTBOUND APPROACH OF FOX CHASE ROAD AND THE NORTHBOUND AND SOUTHBOUND APPROACH OF FORREST AVENUE WITH A FLASHING FAIL SAFE DEVICE FOR EACH DIRECTION OF OPERATION.

  THIS FAIL SAFE DEVICE SHALL CONSIST OF A FLASHING WHITE FLOOD LIGHT AND SHALL BEGIN FLASHING WHEN THE PRE-EMPTION PHASE DISPLAYS PRE-EMPTION GREEN FOR THE EMERGENCY VEHICLE APPROACH.
- THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, SHALL TERMINATE ALL GREEN INDICATIONS IMMEDIATELY, FOLLOWED BY THE COMPLETE YELLOW AND RED CLEARANCE INTERVALS, ACCORDINGLY. THEN THE GREEN INTERVAL FOR THE PRE-EMPTED PHASE SHALL FOLLOW.
- THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, SHALL TIME OUT ALL YELLOW AND RED INDICATIONS FOLLOWED BY THE GREEN INTERVAL OF THE PRE-EMPTION PHASE GOVERNED BY THE ACTUATION OF THE APPROACHING EMERGENCY VEHICLE.
- IF THE SIGNALS, WHEN ACTIVATED BY AN EMERGENCY VEHICLE, ARE FLASHING ALL SIGNALS SHALL REMAIN FLASHING.
- UPON COMPLETION OF PRE-EMPTION PHASE 2, 4, 6 OR 8 IN RETURNING TO NORMAL OPERATION PHASE 2+6 INTERVAL 1 SHALL FOLLOW.
- IF ADDITIONAL PRE-EMPTION PHASES ARE ACTIVATED WHILE IN PRE-EMPTION, THE ORIGINAL PRE-EMPTION PHASE SHALL TIME OUT BEFORE PROCEEDING TO THE NEXT PRE-EMPTION PHASE.
- IN EMERGENCY PRE-EMPTION, NO PRIORITY SHALL BE ESTABLISHED, PRE-EMPTION SHALL BE A "FIRST COME, FIRST SERVED" OPERATION.
- THE FIELD LOCATIONS OF THE PRE-EMPTION DETECTORS MAY DIFFER FROM THE LOCATIONS DEPICTED ON THE CONDITION DIAGRAM, AS THE DETECTORS MAY NEED TO BE RELOCATED AND/OR ADJUSTED TO PROVIDE ACCEPTABLE OPERATION AS DEEMED APPROPRIATE BY DEPARTMENT PERSONNEL.
- IF THE SIGNAL HAS BEEN ACTUATED BY A PEDESTRIAN PUSH BUTTON, AND THE SIGNAL IS PRE-EMPTED, THE PED WALK INTERVAL SHALL TERMINATE IMMEDIATELY, FOLLOWED BY THE PED CLEAR INTERVAL. THIS INTERVAL SHALL TIME OUT, FOLLOWED BY THE APPROPRIATE SELECTIVE CLEARANCES, BEFORE GOING INTO EMERGENCY PRE-EMPTION.

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MOVEMENT, SEQUENCE AND TIMING DIAGRAM

PHASE	2 & 6				4 & 8				EMERGENCY FLASHING
SIGNALS \ INTERVAL	1	2	3	4	5	6	7	8	
1,2	G	G	Y	R	R	R	R	R	Y
3,4	G	G	Y	R	R	R	R	R	Y
5,6	R	R	R	R	G	G	Y	R	R
7,8	R	R	R	R	G	G	Y	R	R
9,10	M	FH	H	H	H	H	H	H	OFF
11,12	M	FH	H	H	H	H	H	H	OFF
13,14	H	H	H	H	M	FH	H	H	OFF
15,16	R	R	R	R	M	FH	H	H	OFF

FIXED			4	2			3	2	
MINIMUM	15				7				
PASSAGE					3				
MAXIMUM 1	35				20				
MAXIMUM 2	35				20				
PEDESTRIAN*	7	15			7	17			
MEMORY	MX				NL				

* UPON PEDESTRIAN ACTUATION ONLY

MAX 1 TO OPERATE AT ALL TIMES

SIGNAL INDICATIONS

12" LENS

1,2,3,4, 5,6,7,8

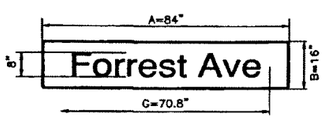
11" SYMBOLS

9,10,11,12 13,14,15,16

SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS 1,2,3,4,5,6,7,8

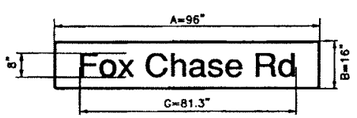
SIGN DETAILS

NOT TO SCALE



SIGN D

BACKGROUND: RED
LEGEND: WHITE
FONT: HELVETICA BOLD
8" UPPER CASE
6" LOWER CASE



SIGN E

BACKGROUND: RED
LEGEND: WHITE
FONT: HELVETICA BOLD
8" UPPER CASE
6" LOWER CASE

25' 0 25'

LEGEND

- 20' — MAST ARM/ IDENTIFYING LENGTH
- ② — VEHICULAR SIGNAL HEAD/ BACKPLATE/ VISORS/ DIRECTIONAL ARROW/ IDENTIFYING NUMBER
- ② — PEDESTRIAN SIGNAL HEAD/ IDENTIFYING NUMBER
- PEDESTRIAN PUSHBUTTON/ SIGN
- E — SIGN/ IDENTIFYING LETTER
- 5'x40" — LOOP SENSOR/SIZE
- MICROWAVE DETECTOR
- EMERGENCY PREEMPTION DEVICE
- CURB CUT RAMP
- UTILITY POLE
- (1) — PHASE NUMBER

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-0

COUNTY: MONTGOMERY

MUNICIPALITY: ABINGTON TOWNSHIP

INTERSECTION: FOX CHASE ROAD AND FORREST AVENUE

REVIEWED:

DATE

MUNICIPAL OFFICIAL DATE

RECOMMENDED:

MARK L. KRAY 5/26/95
DATE

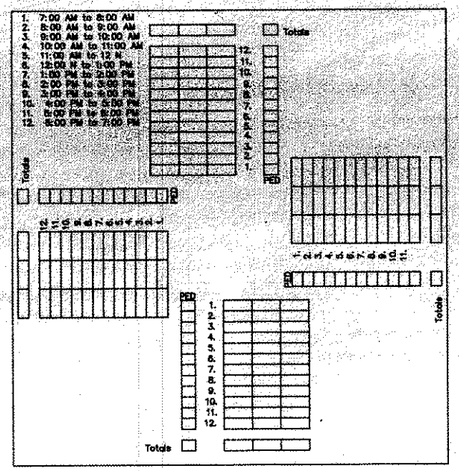
DOUGLAS MAY 5/26/95
DISTRICT TRAFFIC ENGINEER DATE

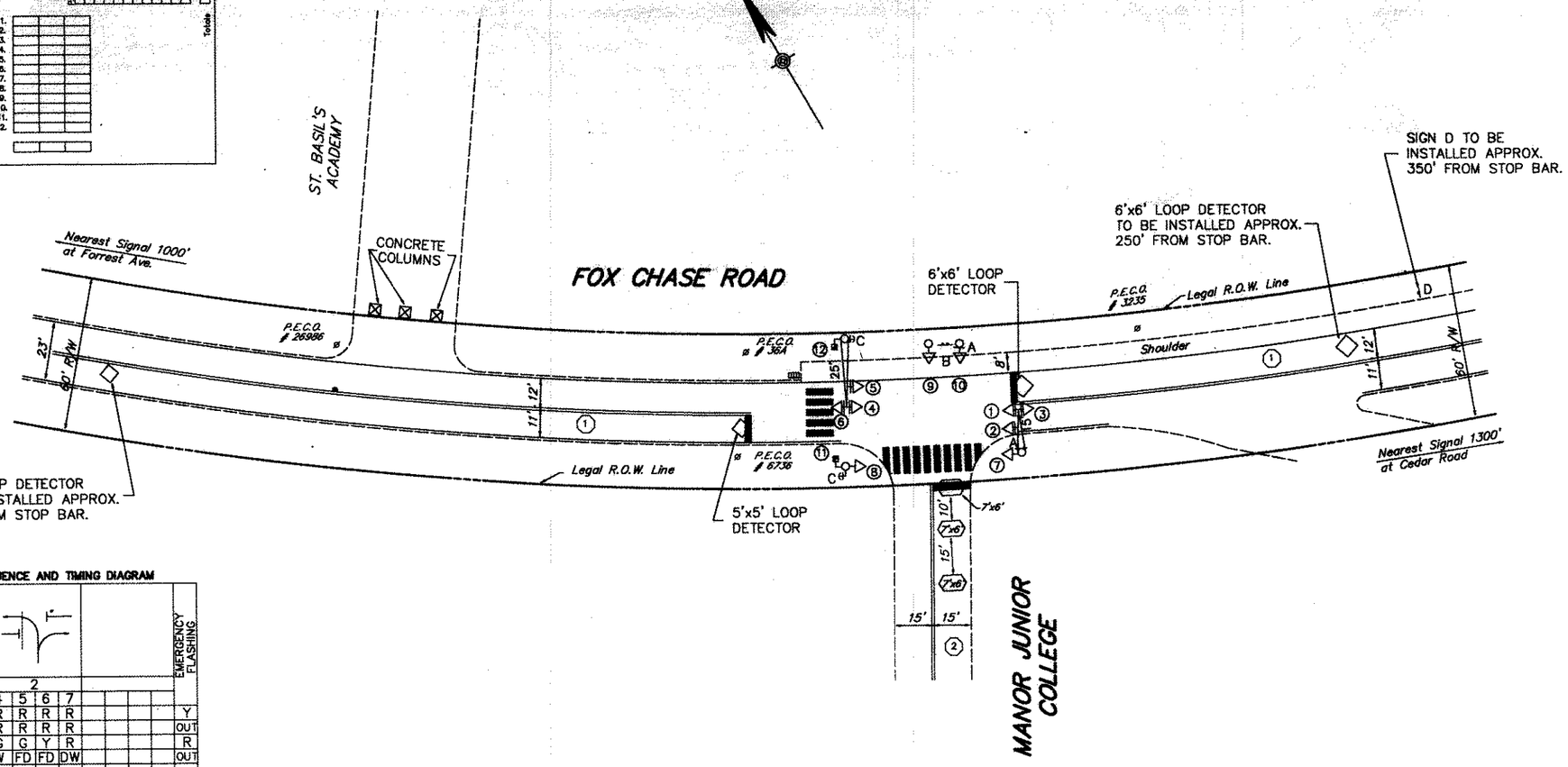
NO.	REVISION	DES./ REVW	DATE	REVW.	DATE	RECOM.	DATE
1	UPGRADE AND NEW MAST ARMS	M.E.P.	8/17/05	MK	9/2/05	LRB	10/3/05
2	REMOVE SIGN 'C' & TURN ARROW	M.E.P.	10/2/05	MLK	11/30/05	LRB	12/9/05
3	ADD COUNTDOWN MAST/HANDS, UPDATE PEDESTRIAN TIMES, REVISE PRE-EMPTION NOTES	KPL	7/13/17	DL	7/17/17	LRB	8/8/17
4							
5							
6							
7							
8							

SHEET 2 OF 2 | PERMIT # 64-0011 | FILE # 0011

PERMIT NO. 64-2762	SHEET 2 OF 2
DATE ISSUED: 3/31/92	Part of 4416

SIGN TABULATION			
PLAN SYMBOL	SERIES NUMBER	SIZE	REMARKS
A	R9-3	18"x18"	NO PEDESTRIAN CROSSING
B	W1-7	48"x24"	DOUBLE ARROW SIGN
C	R10-4L	9"x12"	PUSH BUTTON FOR WALK SIGNAL
D	W3-3	36"x36"	SIGNAL AHEAD SIGN





MOVEMENT, SEQUENCE AND TIMING DIAGRAM

PHASE / INTERVAL / SIGNALS	1			2				EMERGENCY FLASHING
	1	2	3	4	5	6	7	
1,2,3,4,5,6	G	Y	R	R	R	R	R	Y
7,8	G	Y	R	R	R	R	R	OUT
9,10	R	R	R	G	G	Y	R	R
**11,12	DW	DW	DW	W	FD	FD	DW	OUT

FIXED		4	2			3	2					
MINIMUM	15			3								
ADDED INITIAL	2											
MAX. INITIAL	26											
PASSAGE	4			3								
TO REDUCE	10											
BEFORE RED	26											
MIN. GAP	2											
MAX. I	36			--15--								
MAX. II *	41			--15--								
PEDESTRIAN				8	7							
MEMORY	MR			NL								

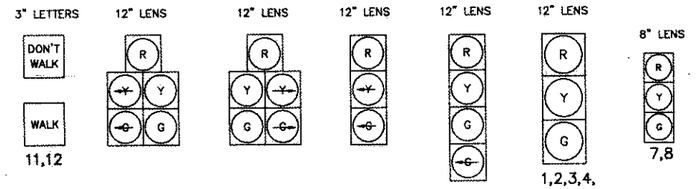
** UPON PEDESTRIAN ACTUATION, OTHERWISE WALK DON'T WALK AT ALL TIMES.

5 SEC. DELAY ON MANOR JUNIOR COLLEGE DRIVE

MAX II SHOULD OPERATE 7:00-9:00 AM AND 2:00-6:00 PM

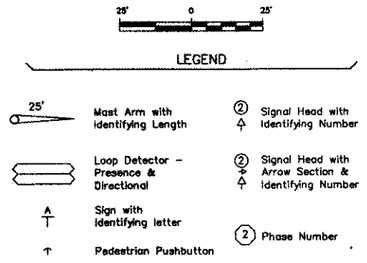
MAX I SHOULD OPERATE ALL OTHER TIMES

SIGNAL INDICATIONS



SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS _____

SIGNALS TO BE EQUIPPED WITH TUNNEL VISORS and LOUVERS _____



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ALL SIGNS AND PAVEMENT MARKINGS INDICATED ON THIS DRAWING ARE CONSIDERED PART OF THE PERMIT AND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH PUBLICATION NO. 68.

POST MOUNTED SIGNALS SHALL BE INSTALLED WITH THE SIGNAL HEADS A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB OR THE EDGE OF THE SHOULDER. SUPPORT POLES FOR OVERHEAD SIGNALS SHALL ALSO HAVE A MINIMUM CLEARANCE HORIZONTALLY OF 2 FEET.

SIGNALS ERECTED OVER THE ROADWAY SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 16 FT. ABOVE THE ROADWAY. POST MOUNTED SIGNALS SHALL BE A MINIMUM OF 8 FT. ABOVE THE SIDEWALK OR PAVEMENT GRADE.

ALL OVERHEAD SIGNALS MUST BE RIGIDLY MOUNTED, TOP AND BOTTOM, AND EQUIPPED WITH BACKPLATES.

THE MINIMUM HORIZONTAL DISTANCE BETWEEN SIGNALS MEASURED AT RIGHT ANGLES TO THE APPROACH SHALL BE 8 FEET.

EXACT LOCATION OF DETECTORS SHALL BE DETERMINED PRIOR TO INSTALLATION BY A REPRESENTATIVE OF PENNDOT.

CURBING TO BE INSTALLED BY MUNICIPALITY AND WHERE NOTED, SHALL BE PLAIN CEMENT CONCRETE CURB OR GRANITE CURB, INSTALLED IN ACCORDANCE WITH DEPARTMENT SPECIFICATIONS FORM 408.

PRIOR TO INSTALLATION THE CONTRACTOR SHALL CONSULT WITH THE LOCAL OFFICIALS AND UTILITY COMPANIES TO RESOLVE ANY PROBLEMS WHICH MAY BE CREATED DUE TO THE LOCATION OF UTILITIES.

IN ADDITION TO THIS SIGNAL PERMIT THE PERMITTEE SHALL OBTAIN A HIGHWAY OCCUPANCY PERMIT PRIOR TO ANY OPENINGS BEING MADE IN OR UNDER ANY PORTION OF A STATE HIGHWAY.

THIS DRAWING CANNOT BE USED AS A CONSTRUCTION DRAWING UNLESS THE PERMITTEE COMPLIES WITH THE PROVISIONS OF ACT 172, PREVENTION OF DAMAGE TO UNDERGROUND UTILITIES, EFFECTIVE DATE DECEMBER 12, 1986.

WHEN LIQUID FUELS MONEY IS USED, SIGNAL INSTALLATION MUST CONFORM TO FORM 408 AND A COPY OF THE PROPOSED SPECIFICATIONS MUST BE SUBMITTED TO THE DISTRICT TRAFFIC UNIT, FOR REVIEW, PRIOR TO BIDDING.

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 6-0

COUNTY: MONTGOMERY
MUNICIPALITY: ABINGTON TOWNSHIP
INTERSECTION: FOX CHASE ROAD AND MANOR JR. COLLEGE DRIVE

REVIEWED:

MUNICIPAL OFFICIAL DATE

RECOMMENDED: 4/2/92
DISTRICT TRAFFIC ENGINEER DATE 4/3/92

Revised: New Dwgs. MV. 3/31/92 MK DWDM 4/3/92
Revised: MAX I & II OPER. TIMES, AND DELAY. 6/8/92
Revised:
Revised:

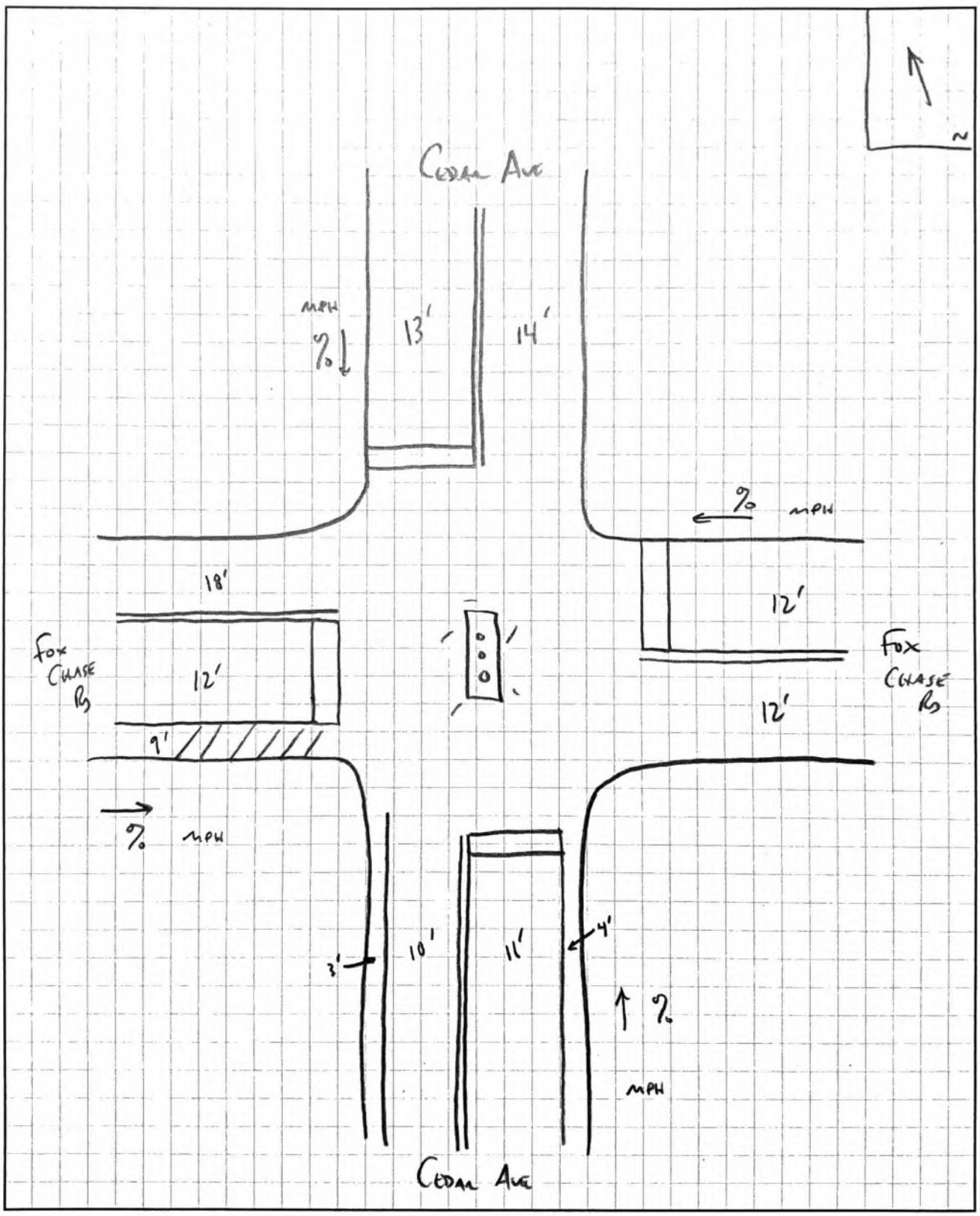
PNDT 8255.007.26 PADOT #: 64-2762-25 3/9/92

McMAHON
TRANSPORTATION ENGINEERS & PLANNERS

Job _____ McMahon Project No. _____ Sheet _____ of ____

Description Fox Chase Rd x Cedar Ave Designed By NDB Date _____

Checked By _____ Date _____

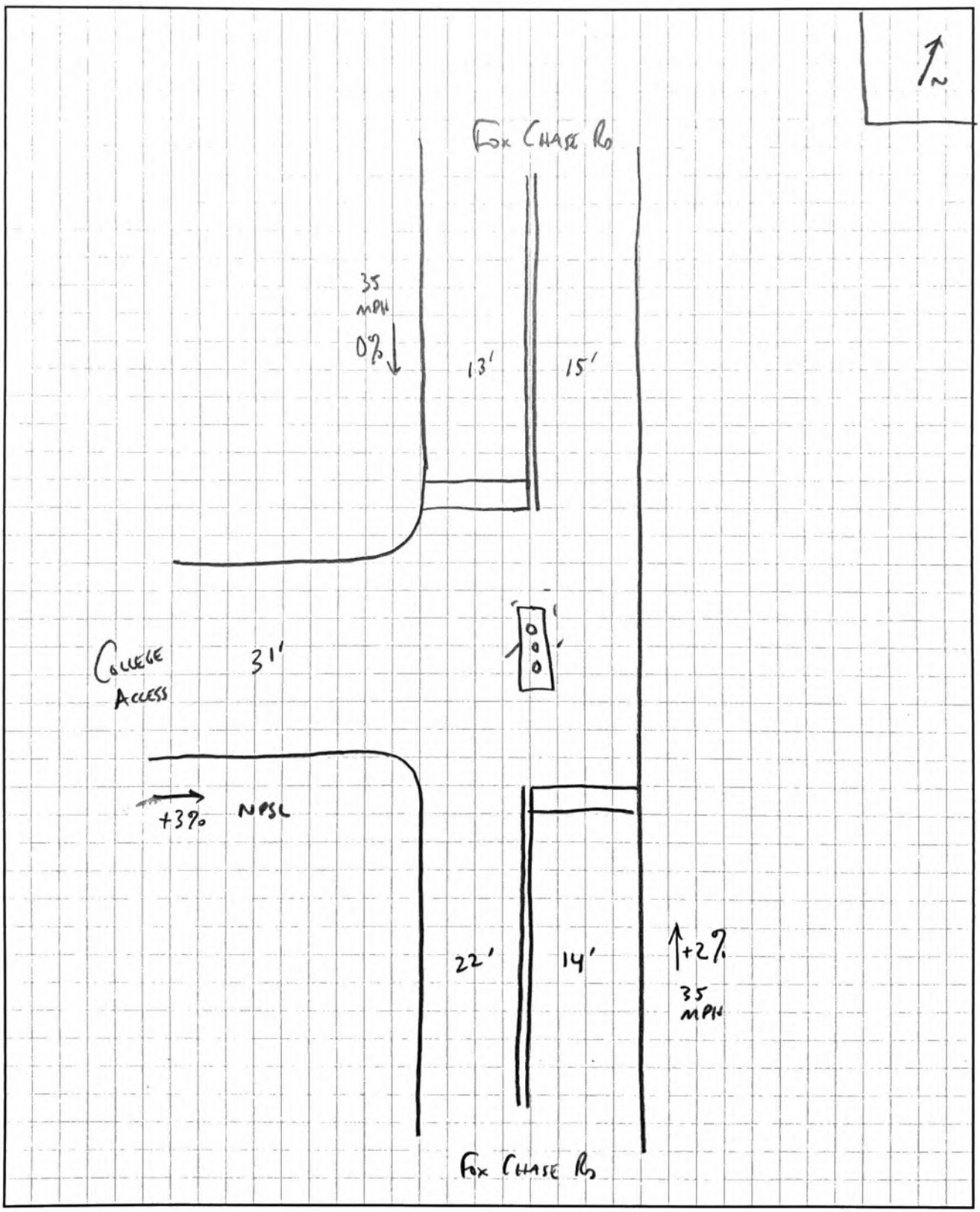


McMAHON
TRANSPORTATION ENGINEERS & PLANNERS

Job _____ McMahon Project No. _____ Sheet _____ of ____

Description Fox Chase Rd Designed By NDB Date _____

Marion College Access Checked By _____ Date _____

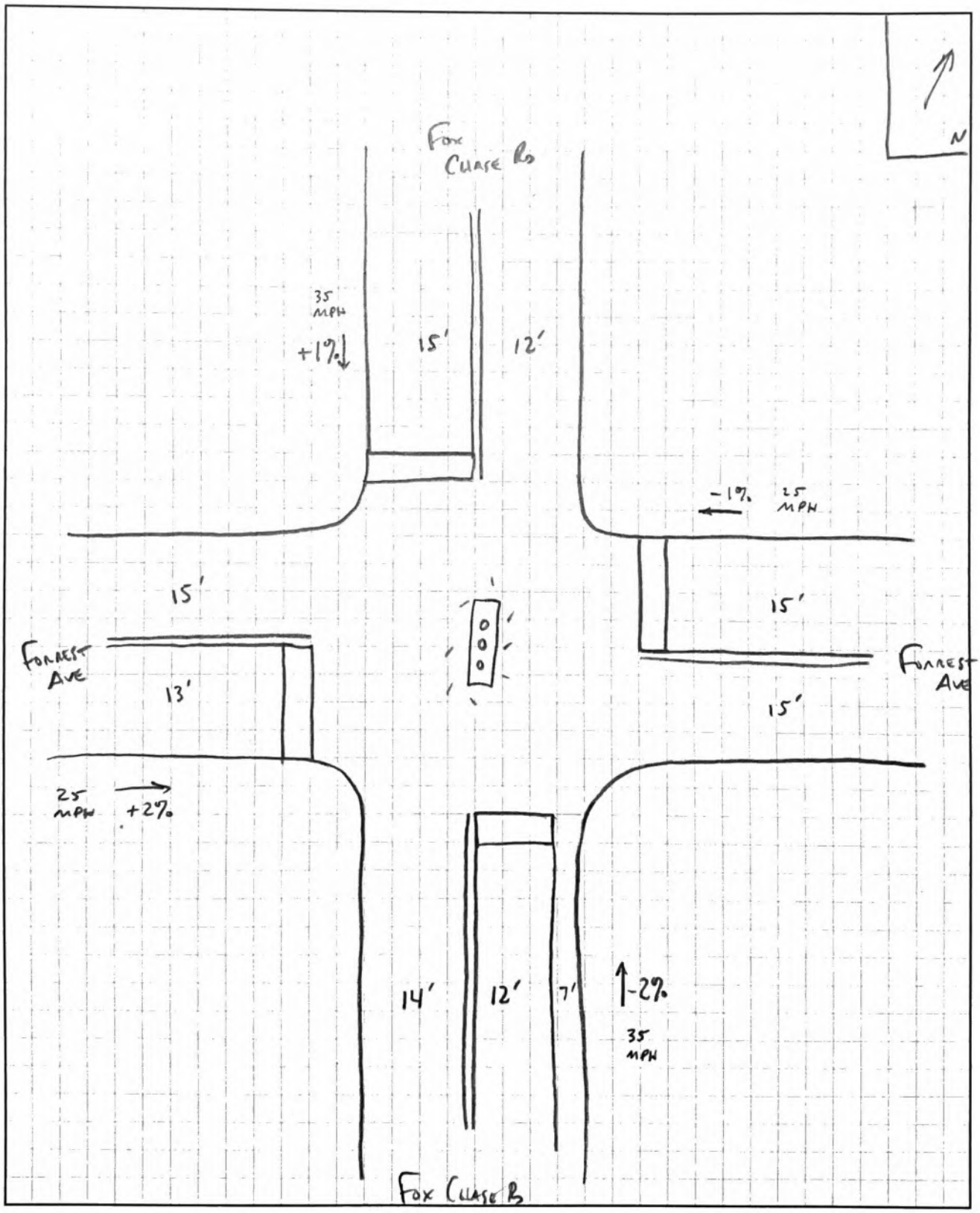


McMAHON
TRANSPORTATION ENGINEERS & PLANNERS

Job _____ McMahon Project No. _____ Sheet _____ of _____

Description Fox Chase Rd & Forest Ave Designed By NOB Date _____

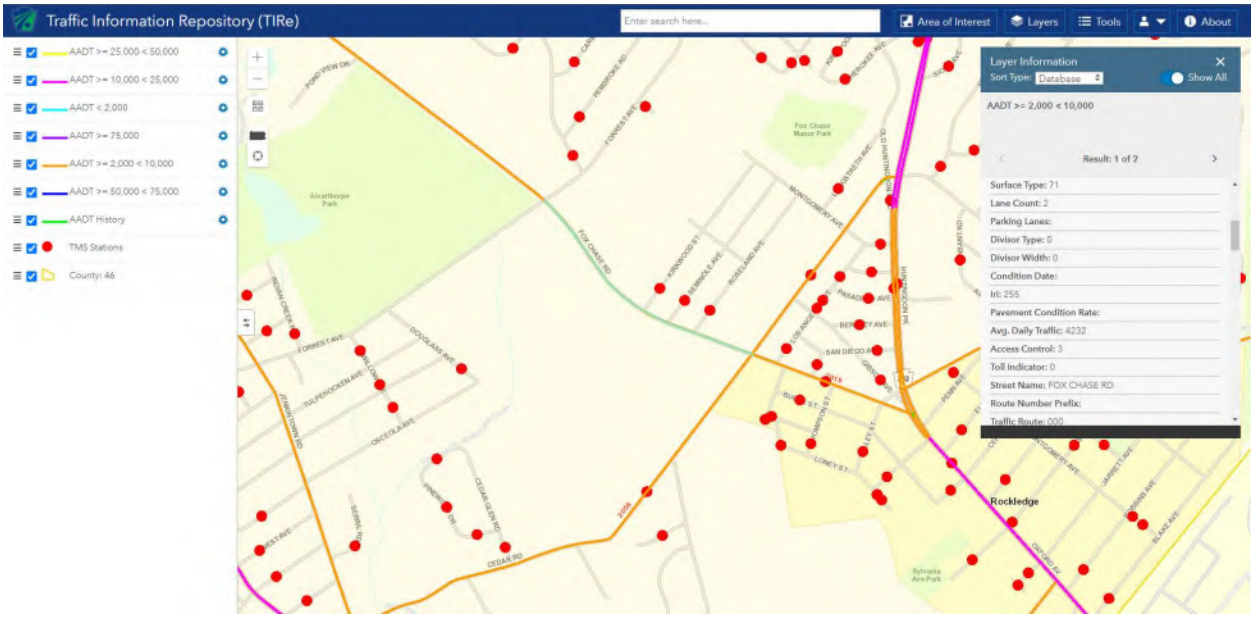
Checked By _____ Date _____



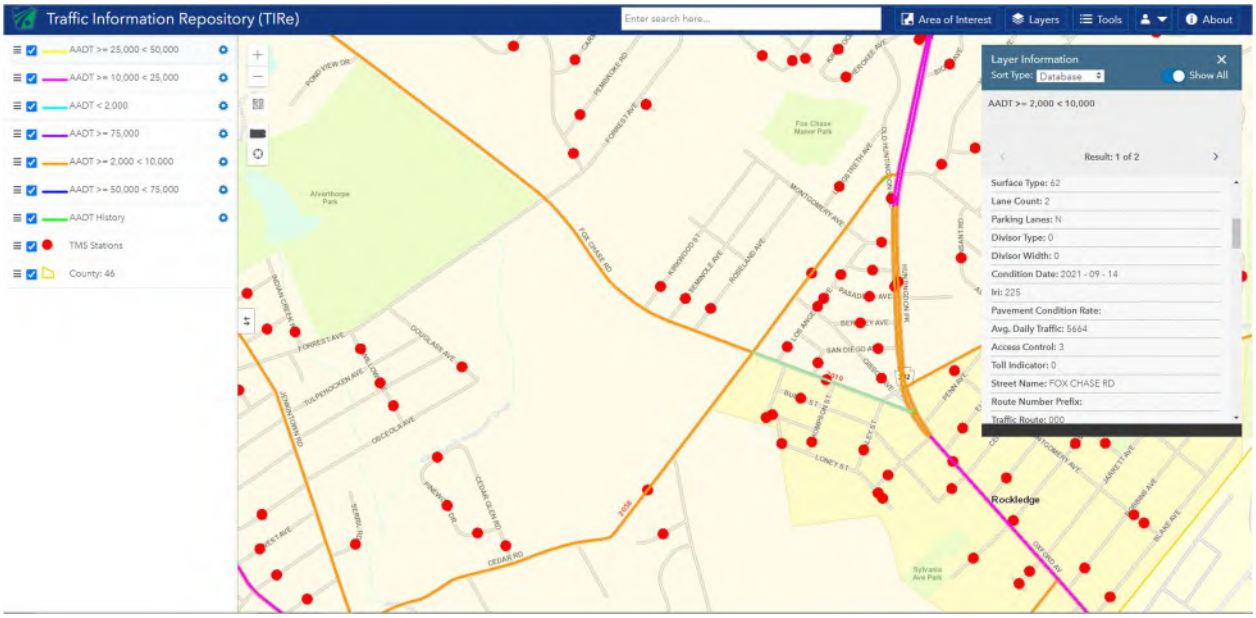
Appendix B

PennDOT TIRe Data

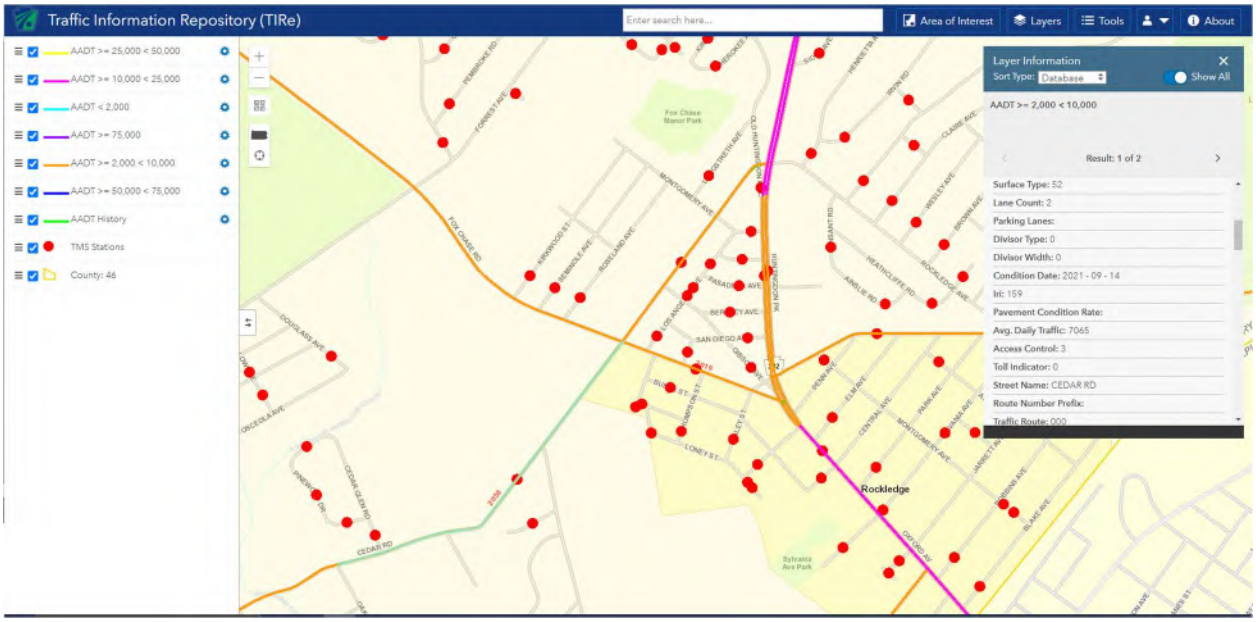
FOX CHASE ROAD



FOX CHASE ROAD (S.R. 2019)



CEDAR ROAD (S.R. 2058)



Appendix C

Turning Movement Counts

McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Forrest Avenue
Counter: M

File Name : stbasils01w
Site Code :
Start Date : 1/11/2022
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	Fox Chase Rd Southbound			Forrest Avenue Westbound			Fox Chase Rd Northbound			Forrest Avenue Eastbound			
Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
07:00 AM	1	5	0	1	3	8	5	30	5	10	2	0	70
07:15 AM	2	21	1	0	3	4	5	29	3	7	5	1	81
07:30 AM	2	15	1	2	5	6	10	39	7	9	6	5	107
07:45 AM	1	22	1	3	6	12	5	43	6	10	3	6	118
Total	6	63	3	6	17	30	25	141	21	36	16	12	376
08:00 AM	3	35	0	0	0	18	6	39	12	8	2	4	127
08:15 AM	4	34	1	1	4	14	7	46	11	8	4	2	136
08:30 AM	6	33	0	1	2	14	7	44	9	20	6	1	143
08:45 AM	2	30	1	3	7	23	11	41	10	20	2	6	156
Total	15	132	2	5	13	69	31	170	42	56	14	13	562
04:00 PM	4	43	0	0	1	18	16	32	7	20	4	2	147
04:15 PM	1	39	1	0	5	10	6	50	8	21	6	2	149
04:30 PM	2	43	2	1	3	12	10	24	8	20	5	2	132
04:45 PM	2	40	1	2	4	13	10	36	11	21	7	0	147
Total	9	165	4	3	13	53	42	142	34	82	22	6	575
05:00 PM	2	47	1	0	8	11	13	22	9	30	6	0	149
05:15 PM	2	39	2	1	3	14	8	24	8	14	3	2	120
05:30 PM	3	44	0	0	2	10	8	34	12	15	2	0	130
05:45 PM	1	46	2	1	4	5	8	25	10	12	2	3	119
Total	8	176	5	2	17	40	37	105	39	71	13	5	518
Grand Total	38	536	14	16	60	192	135	558	136	245	65	36	2031
Apprch %	6.5	91.2	2.4	6	22.4	71.6	16.3	67.3	16.4	70.8	18.8	10.4	
Total %	1.9	26.4	0.7	0.8	3	9.5	6.6	27.5	6.7	12.1	3.2	1.8	
Passenger Vehicles	33	517	10	15	57	185	127	540	125	230	63	34	1936
% Passenger Vehicles	86.8	96.5	71.4	93.8	95	96.4	94.1	96.8	91.9	93.9	96.9	94.4	95.3
Heavy Vehicles	5	19	4	1	3	7	8	18	11	15	2	2	95
% Heavy Vehicles	13.2	3.5	28.6	6.2	5	3.6	5.9	3.2	8.1	6.1	3.1	5.6	4.7

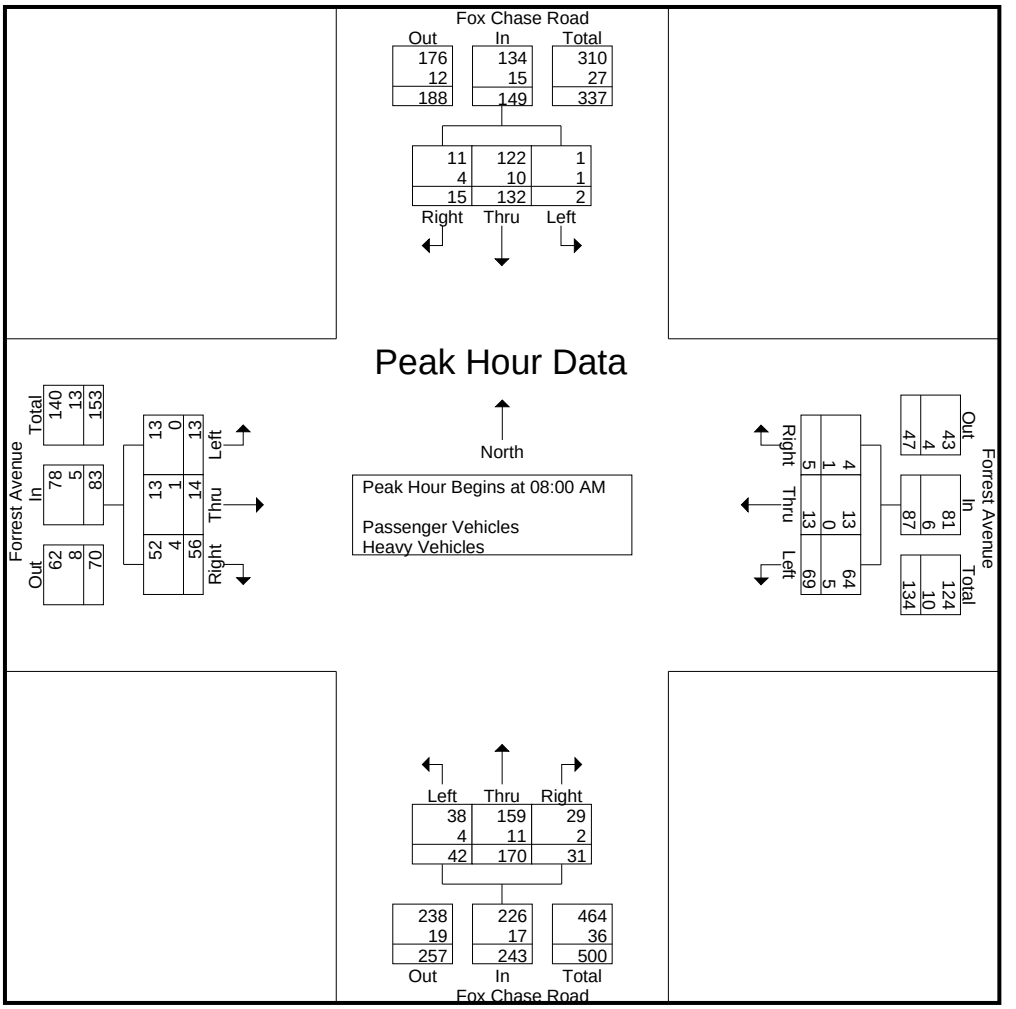
McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Forrest Avenue
Counter: M

File Name : stbasils01w
Site Code :
Start Date : 1/11/2022
Page No : 2

	FOX CHASE ROAD				FORREST AVENUE				FOX CHASE ROAD				FORREST AVENUE				
	Fox Chase Road Southbound				Forrest Avenue Westbound				Fox Chase Road Northbound				Forrest Avenue Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	3	**35**	0	38	0	0	18	18	6	39	**12**	57	8	2	4	14	127
08:15 AM	4	34	**1**	**39**	1	4	14	19	7	**46**	11	**64**	8	4	2	14	136
08:30 AM	**6**	33	0	39	1	2	14	17	7	44	9	60	**20**	**6**	1	27	143
08:45 AM	2	30	1	33	**3**	**7**	**23**	**33**	**11**	41	10	62	20	2	**6**	**28**	**156**
Total Volume	15	132	2	149	5	13	69	87	31	170	42	243	56	14	13	83	562
% App. Total	10.1	88.6	1.3		5.7	14.9	79.3		12.8	70	17.3		67.5	16.9	15.7		
PHF	.625	.943	.500	.955	.417	.464	.750	.659	.705	.924	.875	.949	.700	.583	.542	.741	.901
Passenger Vehicles	11	122	1	134	4	13	64	81	29	159	38	226	52	13	13	78	519
% Passenger Vehicles	73.3	92.4	50.0	89.9	80.0	100	92.8	93.1	93.5	93.5	90.5	93.0	92.9	92.9	100	94.0	92.3
Heavy Vehicles	4	10	1	15	1	0	5	6	2	11	4	17	4	1	0	5	43
% Heavy Vehicles	26.7	7.6	50.0	10.1	20.0	0	7.2	6.9	6.5	6.5	9.5	7.0	7.1	7.1	0	6.0	7.7



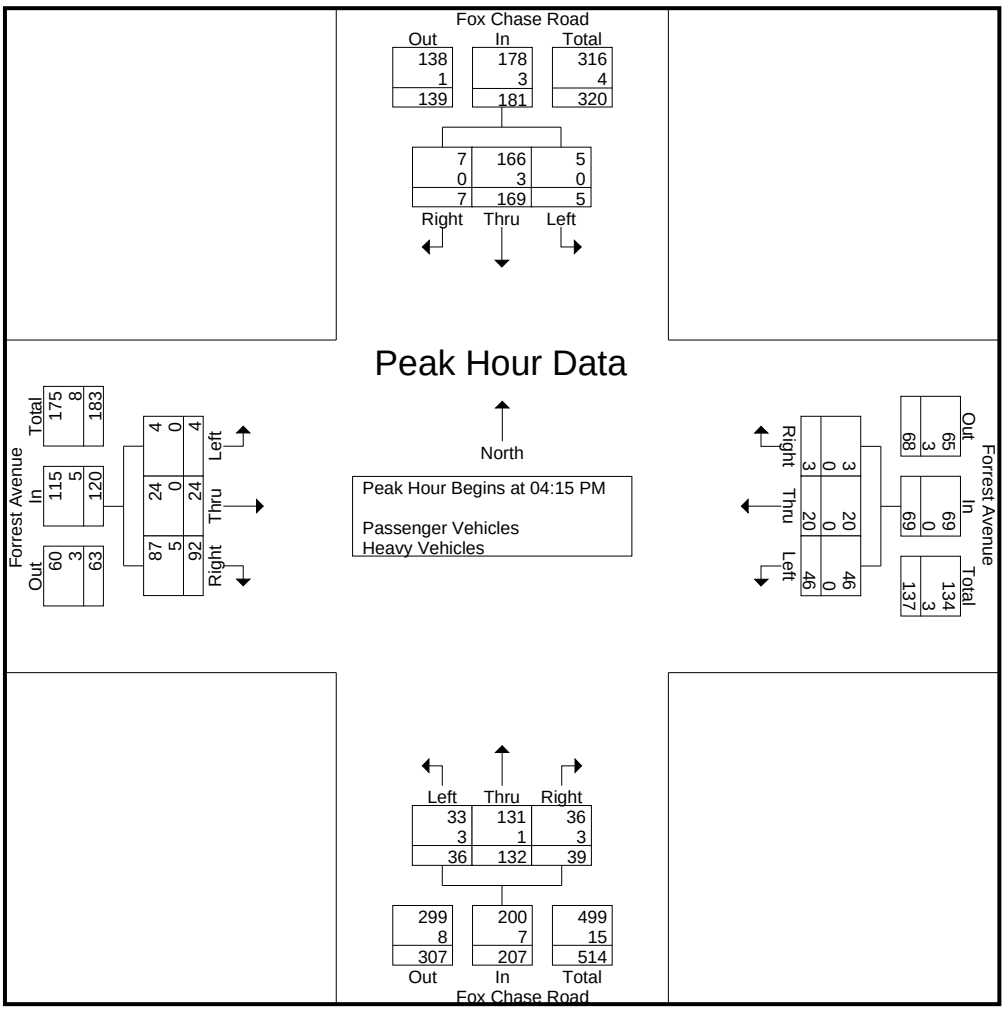
McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Forrest Avenue
Counter: M

File Name : stbasils01w
Site Code :
Start Date : 1/11/2022
Page No : 3

	Fox Chase Road Southbound				Forrest Avenue Westbound				Fox Chase Road Northbound				Forrest Avenue Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:15 PM																	
04:15 PM	1	39	1	41	0	5	10	15	6	**50**	8	**64**	21	6	**2**	29	**149**
04:30 PM	**2**	43	**2**	47	1	3	12	16	10	24	8	42	20	5	2	27	132
04:45 PM	2	40	1	43	**2**	4	**13**	**19**	10	36	**11**	57	21	**7**	0	28	147
05:00 PM	2	**47**	1	**50**	0	**8**	11	19	**13**	22	9	44	**30**	6	0	**36**	149
Total Volume	7	169	5	181	3	20	46	69	39	132	36	207	92	24	4	120	577
% App. Total	3.9	93.4	2.8		4.3	29	66.7		18.8	63.8	17.4		76.7	20	3.3		
PHF	.875	.899	.625	.905	.375	.625	.885	.908	.750	.660	.818	.809	.767	.857	.500	.833	.968
Passenger Vehicles	7	166	5	178	3	20	46	69	36	131	33	200	87	24	4	115	562
% Passenger Vehicles	100	98.2	100	98.3	100	100	100	100	92.3	99.2	91.7	96.6	94.6	100	100	95.8	97.4
Heavy Vehicles	0	3	0	3	0	0	0	0	3	1	3	7	5	0	0	5	15
% Heavy Vehicles	0	1.8	0	1.7	0	0	0	0	7.7	0.8	8.3	3.4	5.4	0	0	4.2	2.6



McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Forrest Avenue
Counter: M

File Name : stbasils01w
Site Code :
Start Date : 1/11/2022
Page No : 1

Groups Printed- Pedestrians

	Forrest Avenue Southbound			Fox Chase Road Westbound			Forrest Avenue Northbound			Fox Chase Road Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:15 AM	0	0	0	0	2	0	0	0	0	0	1	0	3
07:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	2	0	0	0	0	0	0	0	2
Total	0	1	0	0	4	0	0	0	0	0	1	0	6
08:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
Total	0	0	0	0	2	0	0	0	0	0	0	0	2
04:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
Total	0	1	0	0	3	0	0	0	0	0	0	0	4
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	2
05:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
Total	0	1	0	0	3	0	0	0	0	0	1	0	5
Grand Total	0	3	0	0	12	0	0	0	0	0	2	0	17
Apprch %	0	100	0	0	100	0	0	0	0	0	100	0	
Total %	0	17.6	0	0	70.6	0	0	0	0	0	11.8	0	

McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Manor College Access
Counter: M

File Name : stbasils02w
Site Code :
Start Date : 1/11/2022
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	Fox Chase Rd Southbound		Fox Chase Rd Northbound		Manor College Access Eastbound		
Start Time	Right	Thru	Thru	Left	Right	Left	Int. Total
07:00 AM	0	20	43	0	0	0	63
07:15 AM	1	31	35	0	0	0	67
07:30 AM	3	28	54	6	3	0	94
07:45 AM	4	39	55	7	0	0	105
Total	8	118	187	13	3	0	329
08:00 AM	5	55	58	7	1	0	126
08:15 AM	3	55	62	5	1	0	126
08:30 AM	2	64	63	3	0	0	132
08:45 AM	5	67	65	3	0	1	141
Total	15	241	248	18	2	1	525
04:00 PM	2	77	50	0	3	1	133
04:15 PM	0	67	60	1	7	0	135
04:30 PM	0	78	44	1	8	3	134
04:45 PM	0	73	49	3	6	2	133
Total	2	295	203	5	24	6	535
05:00 PM	0	91	36	1	3	8	139
05:15 PM	0	65	36	0	7	1	109
05:30 PM	0	67	53	1	3	1	125
05:45 PM	0	63	46	1	0	0	110
Total	0	286	171	3	13	10	483
Grand Total	25	940	809	39	42	17	1872
Apprch %	2.6	97.4	95.4	4.6	71.2	28.8	
Total %	1.3	50.2	43.2	2.1	2.2	0.9	
Passenger Vehicles	25	899	774	39	42	17	1796
% Passenger Vehicles	100	95.6	95.7	100	100	100	95.9
Heavy Vehicles	0	41	35	0	0	0	76
% Heavy Vehicles	0	4.4	4.3	0	0	0	4.1

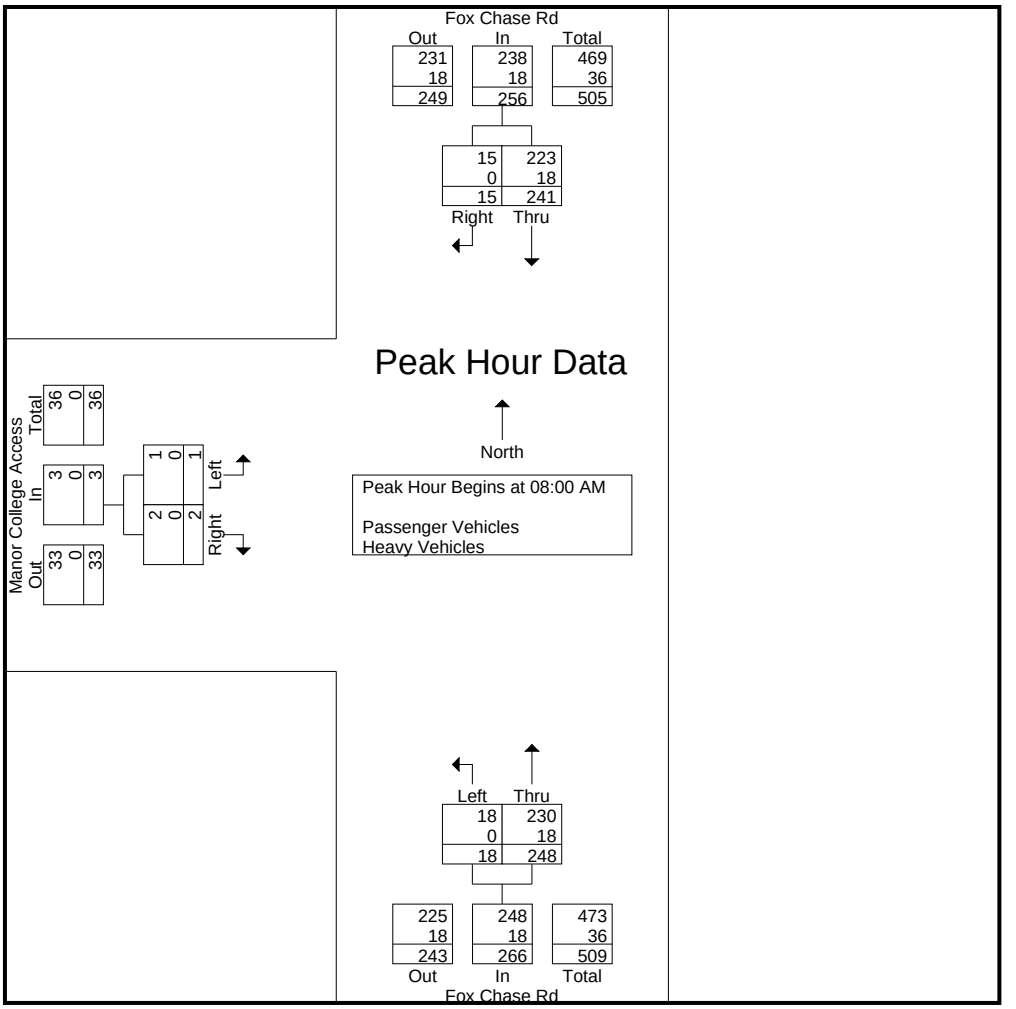
McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Manor College Access
Counter: M

File Name : stbasils02w
Site Code :
Start Date : 1/11/2022
Page No : 2

	Fox Chase Rd Southbound			Fox Chase Rd Northbound			Manor College Access Eastbound			
Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 08:00 AM										
08:00 AM	**5**	55	60	58	**7**	65	**1**	0	**1**	126
08:15 AM	3	55	58	62	5	67	1	0	1	126
08:30 AM	2	64	66	63	3	66	0	0	0	132
08:45 AM	5	**67**	**72**	**65**	3	**68**	0	**1**	1	**141**
Total Volume	15	241	256	248	18	266	2	1	3	525
% App. Total	5.9	94.1		93.2	6.8		66.7	33.3		
PHF	.750	.899	.889	.954	.643	.978	.500	.250	.750	.931
Passenger Vehicles	15	223	238	230	18	248	2	1	3	489
% Passenger Vehicles	100	92.5	93.0	92.7	100	93.2	100	100	100	93.1
Heavy Vehicles	0	18	18	18	0	18	0	0	0	36
% Heavy Vehicles	0	7.5	7.0	7.3	0	6.8	0	0	0	6.9



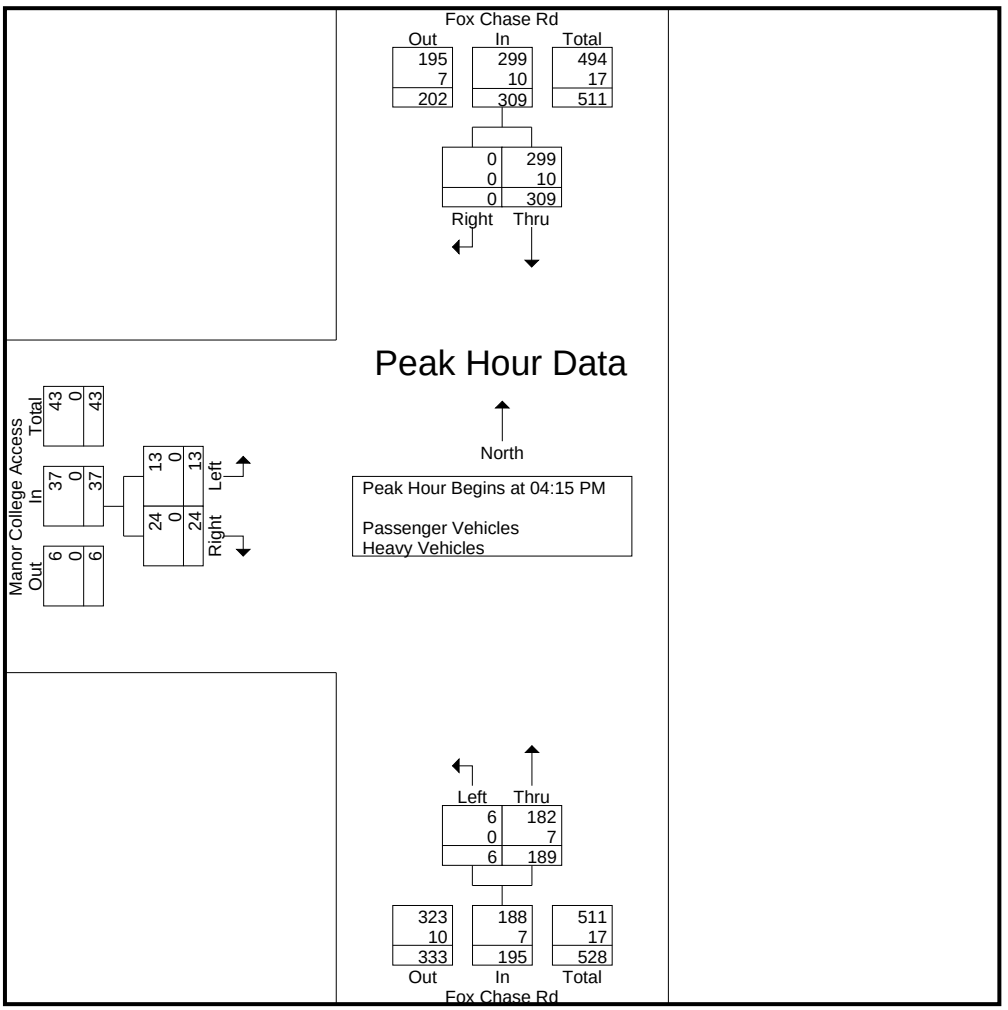
McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Manor College Access
Counter: M

File Name : stbasils02w
Site Code :
Start Date : 1/11/2022

	Fox Chase Rd Southbound			Fox Chase Rd Northbound			Manor College Access Eastbound			
Start Time	Right	Thru	App. Total	Thru	Left	App. Total	Right	Left	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:15 PM										
04:15 PM	0	67	67	**60**	1	**61**	7	0	7	135
04:30 PM	0	78	78	44	1	45	**8**	3	**11**	134
04:45 PM	0	73	73	49	**3**	52	6	2	8	133
05:00 PM	0	**91**	**91**	36	1	37	3	**8**	11	**139**
Total Volume	0	309	309	189	6	195	24	13	37	541
% App. Total	0	100		96.9	3.1		64.9	35.1		
PHF	.000	.849	.849	.788	.500	.799	.750	.406	.841	.973
Passenger Vehicles	0	299	299	182	6	188	24	13	37	524
% Passenger Vehicles	0	96.8	96.8	96.3	100	96.4	100	100	100	96.9
Heavy Vehicles	0	10	10	7	0	7	0	0	0	17
% Heavy Vehicles	0	3.2	3.2	3.7	0	3.6	0	0	0	3.1



McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road &
Manor College Access
Counter: M

File Name : stbasils02w
Site Code :
Start Date : 1/11/2022
Page No : 1

Groups Printed- Pedestrians

	Fox Chase Rd Southbound		Fox Chase Rd Northbound		Manor College Access Eastbound		
Start Time	Right	Thru	Thru	Left	Right	Left	Int. Total
08:00 AM	0	1	0	0	1	0	2
08:15 AM	0	1	0	0	0	0	1
Total	0	2	0	0	1	0	3
04:15 PM	0	0	0	0	1	0	1
Total	0	0	0	0	1	0	1
05:30 PM	0	0	0	0	1	0	1
05:45 PM	0	1	0	0	0	0	1
Total	0	1	0	0	1	0	2
Grand Total	0	3	0	0	3	0	6
Apprch %	0	100	0	0	100	0	
Total %	0	50	0	0	50	0	

McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road & Cedar Road
Counter: M

File Name : stbasils03w
Site Code :
Start Date : 1/11/2022
Page No : 1

Groups Printed- Passenger Vehicles - Heavy Vehicles

	Cedar Rd Southbound			Fox Chase Rd Westbound			Cedar Rd Northbound			Fox Chase Rd Eastbound			
Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
07:00 AM	13	43	0	0	20	14	13	34	8	5	17	4	171
07:15 AM	14	35	1	1	20	23	18	43	6	4	19	7	191
07:30 AM	10	71	1	3	37	17	19	59	11	13	20	3	264
07:45 AM	19	59	1	0	31	21	24	50	16	10	21	9	261
Total	56	208	3	4	108	75	74	186	41	32	77	23	887
08:00 AM	15	57	2	0	34	21	16	41	13	18	33	10	260
08:15 AM	21	62	0	3	28	15	24	51	12	24	25	8	273
08:30 AM	16	61	0	1	36	32	23	42	17	31	29	9	297
08:45 AM	12	60	1	3	25	16	17	67	26	19	34	14	294
Total	64	240	3	7	123	84	80	201	68	92	121	41	1124
04:00 PM	23	63	1	0	22	24	28	65	14	15	45	18	318
04:15 PM	17	61	2	3	36	15	31	64	15	14	46	19	323
04:30 PM	15	71	1	0	18	7	22	59	16	15	51	19	294
04:45 PM	14	69	2	2	25	29	31	58	13	18	39	17	317
Total	69	264	6	5	101	75	112	246	58	62	181	73	1252
05:00 PM	9	68	1	1	21	13	30	67	6	13	51	25	305
05:15 PM	7	71	2	2	23	16	29	47	8	13	39	23	280
05:30 PM	14	82	1	1	22	13	19	54	16	12	41	17	292
05:45 PM	13	52	2	1	19	13	24	40	20	8	31	17	240
Total	43	273	6	5	85	55	102	208	50	46	162	82	1117
Grand Total	232	985	18	21	417	289	368	841	217	232	541	219	4380
Apprch %	18.8	79.8	1.5	2.9	57.4	39.8	25.8	59	15.2	23.4	54.5	22.1	
Total %	5.3	22.5	0.4	0.5	9.5	6.6	8.4	19.2	5	5.3	12.4	5	
Passenger Vehicles	219	966	16	17	408	280	364	817	202	219	529	204	4241
% Passenger Vehicles	94.4	98.1	88.9	81	97.8	96.9	98.9	97.1	93.1	94.4	97.8	93.2	96.8
Heavy Vehicles	13	19	2	4	9	9	4	24	15	13	12	15	139
% Heavy Vehicles	5.6	1.9	11.1	19	2.2	3.1	1.1	2.9	6.9	5.6	2.2	6.8	3.2

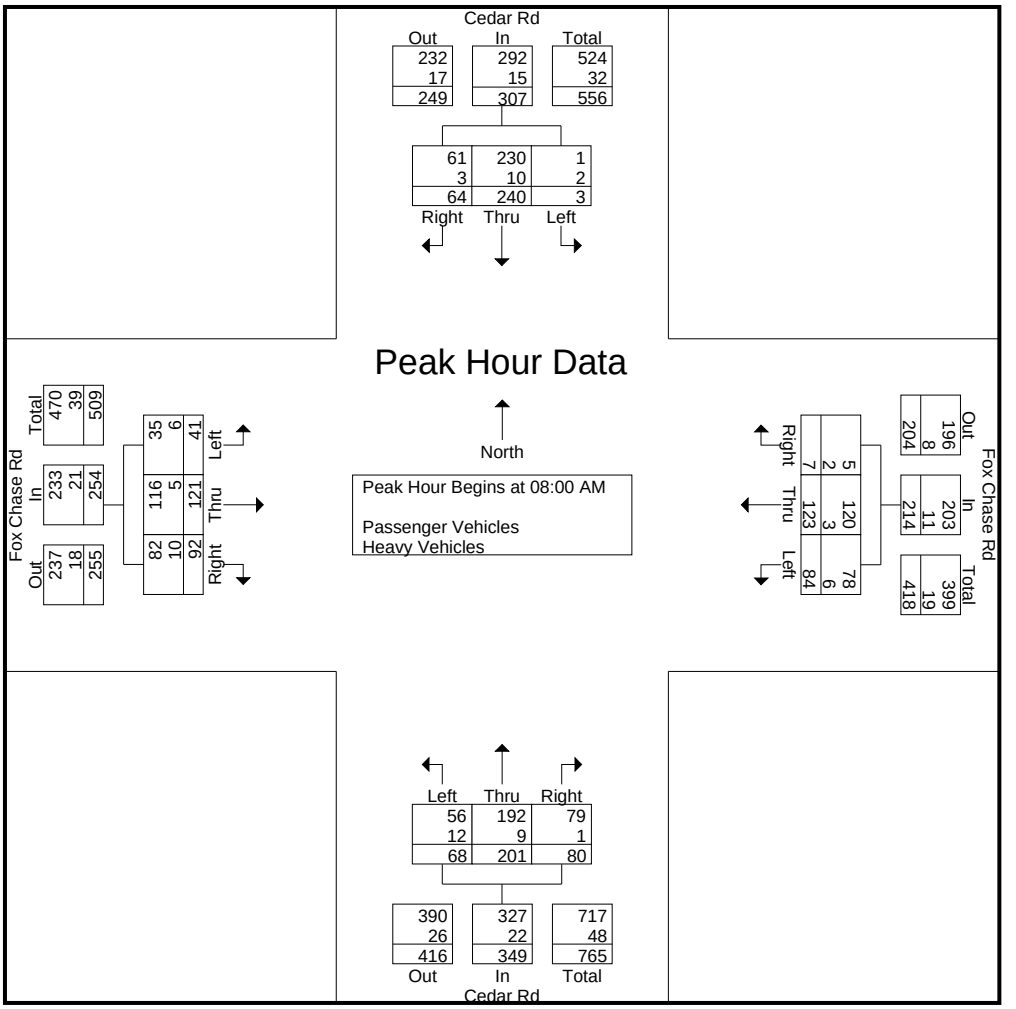
McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road & Cedar Road
Counter: M

File Name : stbasils03w
Site Code :
Start Date : 1/11/2022
Page No : 2

	Cedar Rd Southbound				Fox Chase Rd Westbound				Cedar Rd Northbound				Fox Chase Rd Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00 AM																	
08:00 AM	15	57	**2**	74	0	34	21	55	16	41	13	70	18	33	10	61	260
08:15 AM	**21**	**62**	0	**83**	**3**	28	15	46	**24**	51	12	87	24	25	8	57	273
08:30 AM	16	61	0	77	1	**36**	**32**	**69**	23	42	17	82	**31**	29	9	**69**	**297**
08:45 AM	12	60	1	73	3	25	16	44	17	**67**	**26**	**110**	19	**34**	**14**	67	294
Total Volume	64	240	3	307	7	123	84	214	80	201	68	349	92	121	41	254	1124
% App. Total	20.8	78.2	1		3.3	57.5	39.3		22.9	57.6	19.5		36.2	47.6	16.1		
PHF	.762	.968	.375	.925	.583	.854	.656	.775	.833	.750	.654	.793	.742	.890	.732	.920	.946
Passenger Vehicles	61	230	1	292	5	120	78	203	79	192	56	327	82	116	35	233	1055
% Passenger Vehicles	95.3	95.8	33.3	95.1	71.4	97.6	92.9	94.9	98.8	95.5	82.4	93.7	89.1	95.9	85.4	91.7	93.9
Heavy Vehicles	3	10	2	15	2	3	6	11	1	9	12	22	10	5	6	21	69
% Heavy Vehicles	4.7	4.2	66.7	4.9	28.6	2.4	7.1	5.1	1.3	4.5	17.6	6.3	10.9	4.1	14.6	8.3	6.1



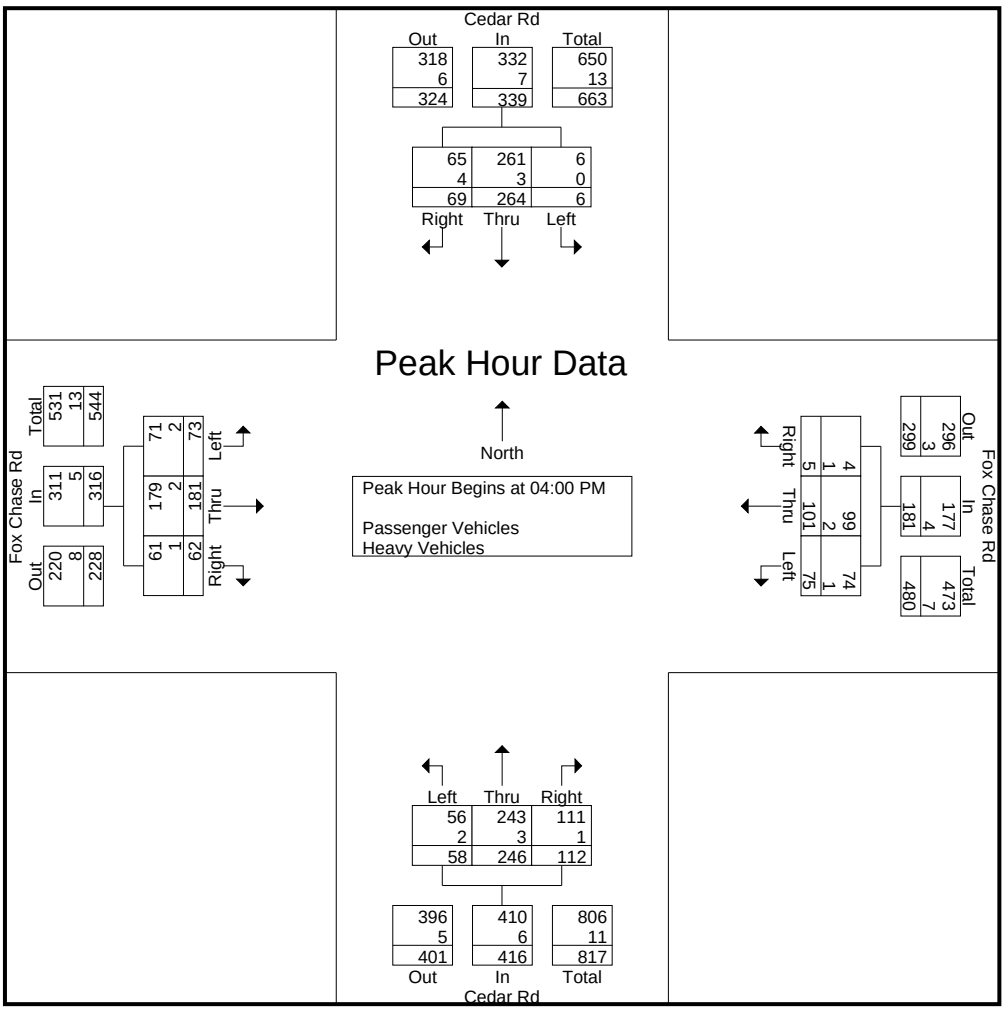
McMahon Associates, Inc.

Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road & Cedar Road
Counter: M

File Name : stbasils03w
Site Code :
Start Date : 1/11/2022
Page No : 3

	Cedar Rd Southbound				Fox Chase Rd Westbound				Cedar Rd Northbound				Fox Chase Rd Eastbound				
Start Time	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Right	Thru	Left	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	**23**	63	1	**87**	0	22	24	46	28	**65**	14	107	15	45	18	78	318
04:15 PM	17	61	**2**	80	**3**	**36**	15	54	**31**	64	15	**110**	14	46	**19**	79	**323**
04:30 PM	15	**71**	1	87	0	18	7	25	22	59	**16**	97	15	**51**	19	**85**	294
04:45 PM	14	69	2	85	2	25	**29**	**56**	31	58	13	102	**18**	39	17	74	317
Total Volume	69	264	6	339	5	101	75	181	112	246	58	416	62	181	73	316	1252
% App. Total	20.4	77.9	1.8		2.8	55.8	41.4		26.9	59.1	13.9		19.6	57.3	23.1		
PHF	.750	.930	.750	.974	.417	.701	.647	.808	.903	.946	.906	.945	.861	.887	.961	.929	.969
Passenger Vehicles	65	261	6	332	4	99	74	177	111	243	56	410	61	179	71	311	1230
% Passenger Vehicles	94.2	98.9	100	97.9	80.0	98.0	98.7	97.8	99.1	98.8	96.6	98.6	98.4	98.9	97.3	98.4	98.2
Heavy Vehicles	4	3	0	7	1	2	1	4	1	3	2	6	1	2	2	5	22
% Heavy Vehicles	5.8	1.1	0	2.1	20.0	2.0	1.3	2.2	0.9	1.2	3.4	1.4	1.6	1.1	2.7	1.6	1.8



McMahon Associates, Inc.
Transporation Engineers & Planners
425 Commerce Drive, Suite 200
Fort Washington, PA 19034

Municipality: Abington Township
Location: Fox Chase Road & Cedar Road
Counter: M

File Name : stbasils03w
Site Code :
Start Date : 1/11/2022
Page No : 1

Groups Printed- Pedestrians

	Cedar Rd Southbound			Fox Chase Rd Westbound			Cedar Rd Northbound			Fox Chase Rd Eastbound			
Start Time	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Right	Thru	Left	Int. Total
07:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00 PM	0	2	0	0	0	0	0	0	0	0	1	0	3
04:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	4	0	0	0	0	0	0	0	0	1	0	5
05:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	0	0	0	0	0	0	0	0	2
Grand Total	0	7	0	0	0	0	0	0	0	0	1	0	8
Apprch %	0	100	0	0	0	0	0	0	0	0	100	0	
Total %	0	87.5	0	0	0	0	0	0	0	0	12.5	0	

Appendix D

Warrant Analysis Worksheets

Turn Lane Warrant and Length Analysis Workbook

STUDY LOCATION AND ANALYSIS INFORMATION

Municipality:	Abington Township	**Analysis Date:**	1/28/2022
County:	Montgomery County	**Conducted By:**	BGG
PennDOT Engineering District:	6	**Checked By:**	JDG
		Agency/Company Name:	McMahon Associates, Inc.

Intersection & Approach Description: Fox Chase Road and Local Road / Manor Access
Southbound Fox Chase Road Left-Turn

Analysis Period:	2029 Build	**Number of Approach Lanes:**	1
Design Hour:	AM Peak Hour	**Undivided or Divided Highway:**	Undivided
Intersection Control:	Signalized		
Posted Speed Limit (MPH):	35		**Type of Analysis**
Type of Terrain:	Level	**Left or Right-Turn Lane Analysis?:**	Left Turn Lane

VOLUME CALCULATIONS

Left Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	4	2.0%	5
	Through	-	248	8.0%	258
	Right	Yes	15	0.0%	15
Opposing	Left	Yes	18	0.0%	18
	Through	-	254	7.0%	263
	Right	Yes	13	2.0%	14

Advancing Volume:	278
Opposing Volume:	295
Left Turn Volume:	5
% Left Turns in Advancing Volume:	1.80%

Right Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left		0	0.0%	N/A
	Through	-	0	0.0%	N/A
	Right	-	0	0.0%	N/A

Advancing Volume:	N/A
Right Turn Volume:	N/A

TURN LANE WARRANT FINDINGS

Left Turn Lane Warrant Findings

Applicable Warrant Figure: **Figure 1**

Warrant Met?: **No**

Right Turn Lane Warrant Findings

Applicable Warrant Figure: **N/A**

Warrant Met?: **N/A**

TURN LANE LENGTH CALCULATIONS

Intersection Control:	Signalized
Design Hour Volume of Turning Lane:	5
Cycles Per Hour (Assumed):	Known
Cycles Per Hour (If Known):	54

Average # of Vehicles/Cycle: N/A

PennDOT Publication 46, Exhibit 11-6

Type of Traffic Control	Speed (MPH)					
	25-35		40-45		50-60	
	Turn Demand Volume					
	High	Low	High	Low	High	Low
Signalized	A	A	B or C	B or C	B or C	B or C
Unsignalized	A	A	C	B	B or C	B

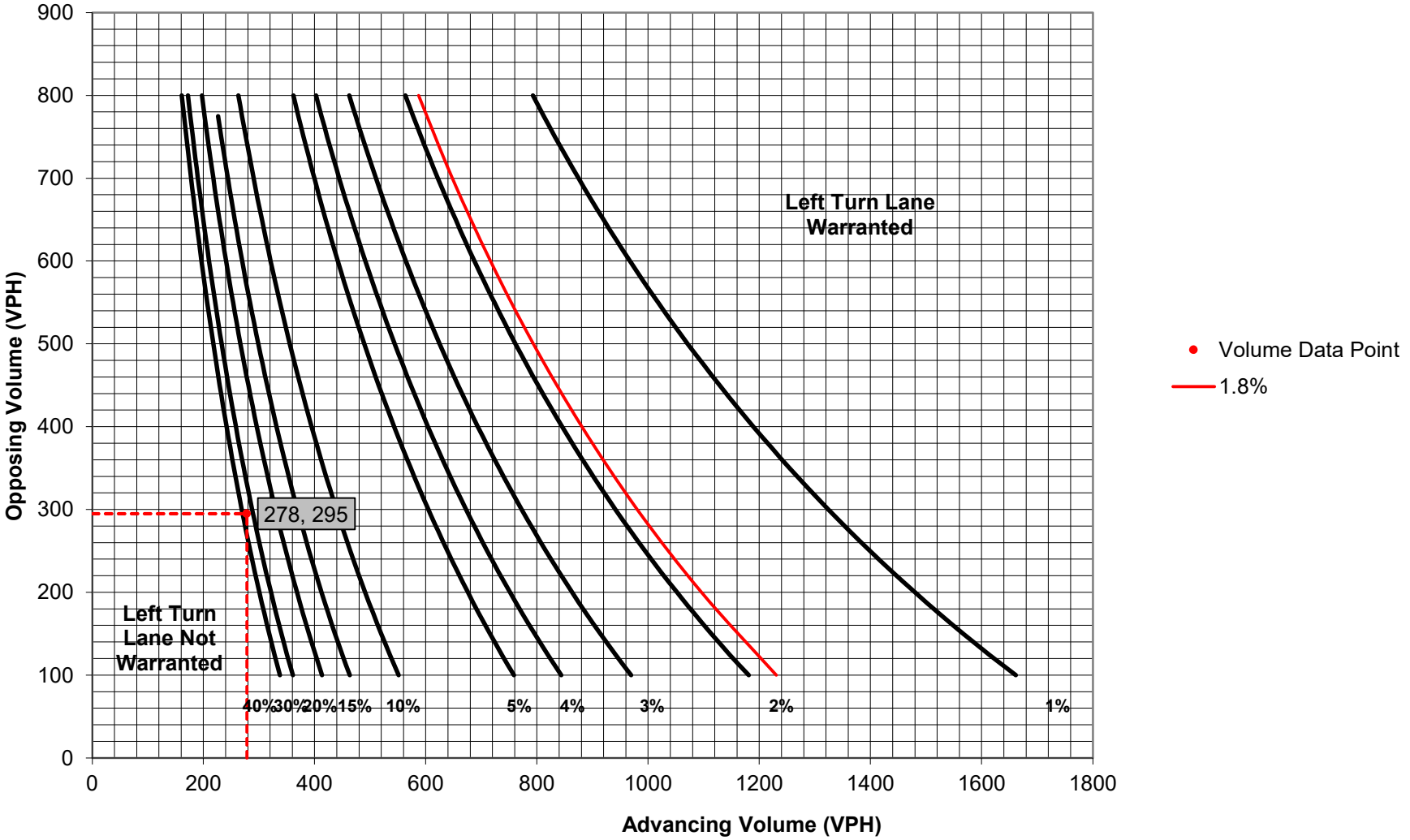
Left Turn Lane Storage Length, Condition A:	**N/A**	**Feet**
Condition B:	**N/A**	**Feet**
Condition C:	**N/A**	**Feet**
Required Left Turn Lane Storage Length:	**N/A**	**Feet**

Additional Findings:
N/A

Additional Comments / Justifications:

Figure 1. Warrant for left turn lanes on two-lane roadways (speeds to 35 mph, unsignalized and signalized intersections)

(L = % Left Turns in Advancing Volume)



Turn Lane Warrant and Length Analysis Workbook

STUDY LOCATION AND ANALYSIS INFORMATION

Municipality:	Abington Township	**Analysis Date:**	1/28/2022
County:	Montgomery County	**Conducted By:**	BGG
PennDOT Engineering District:	6	**Checked By:**	JDG
		Agency/Company Name:	McMahon Associates, Inc.

Intersection & Approach Description: Fox Chase Road and Local Road / Manor Access
Southbound Fox Chase Road Left-Turn Lane

Analysis Period:	2029 Build	**Number of Approach Lanes:**	1
Design Hour:	PM Peak Hour	**Undivided or Divided Highway:**	Undivided
Intersection Control:	Signalized		
Posted Speed Limit (MPH):	35		**Type of Analysis**
Type of Terrain:	Level	**Left or Right-Turn Lane Analysis?:**	Left Turn Lane

VOLUME CALCULATIONS

Left Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	9	2.0%	10
	Through	-	316	3.0%	321
	Right	Yes	0	0.0%	0
Opposing	Left	Yes	6	0.0%	6
	Through	-	199	4.0%	203
	Right	Yes	28	2.0%	29

Advancing Volume:	331
Opposing Volume:	238
Left Turn Volume:	10
% Left Turns in Advancing Volume:	3.02%

Right Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	0	0.0%	N/A
	Through	-	0	0.0%	N/A
	Right	-	0	0.0%	N/A

Advancing Volume:	N/A
Right Turn Volume:	N/A

TURN LANE WARRANT FINDINGS

Left Turn Lane Warrant Findings

Applicable Warrant Figure: **Figure 1**

Warrant Met?: **No**

Right Turn Lane Warrant Findings

Applicable Warrant Figure: **N/A**

Warrant Met?: **N/A**

TURN LANE LENGTH CALCULATIONS

Intersection Control:	Signalized
Design Hour Volume of Turning Lane:	10
Cycles Per Hour (Assumed):	Known
Cycles Per Hour (If Known):	54

Average # of Vehicles/Cycle: N/A

PennDOT Publication 46, Exhibit 11-6

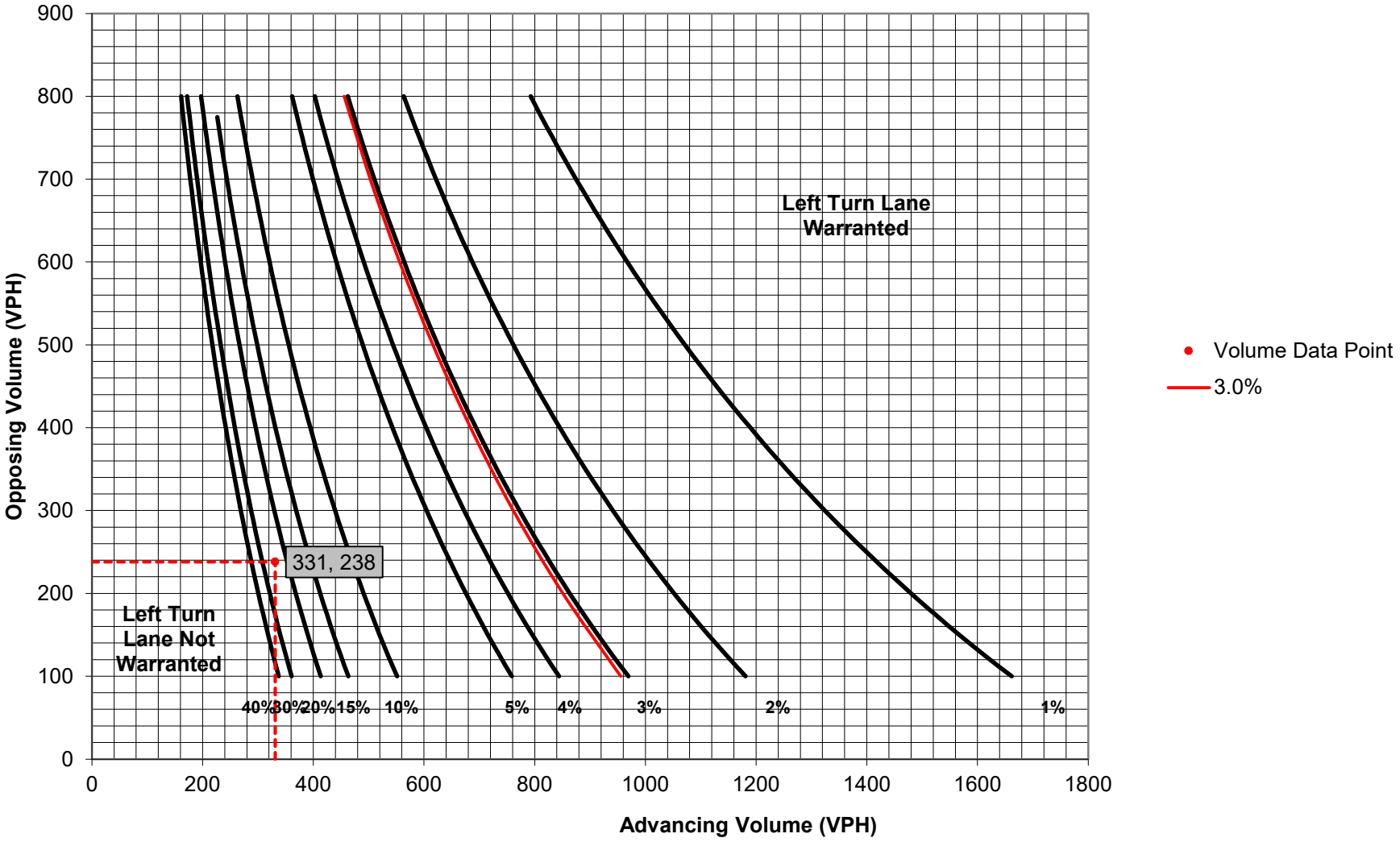
Type of Traffic Control	Speed (MPH)					
	25-35		40-45		50-60	
	Turn Demand Volume					
	High	Low	High	Low	High	Low
Signalized	A	A	B or C	B or C	B or C	B or C
Unsignalized	A	A	C	B	B or C	B

Left Turn Lane Storage Length, Condition A:	**N/A**	**Feet**
Condition B:	**N/A**	**Feet**
Condition C:	**N/A**	**Feet**
Required Left Turn Lane Storage Length:	**N/A**	**Feet**

Additional Findings:
N/A

Additional Comments / Justifications:

Figure 1. Warrant for left turn lanes on two-lane roadways (speeds to 35 mph, unsignalized and signalized intersections)
(L = % Left Turns in Advancing Volume)



Turn Lane Warrant and Length Analysis Workbook

STUDY LOCATION AND ANALYSIS INFORMATION

Municipality:	Abington Township	**Analysis Date:**	1/28/2022
County:	Montgomery County	**Conducted By:**	BGG
PennDOT Engineering District:	6	**Checked By:**	JDG
		Agency/Company Name:	McMahon Associates, Inc.

Intersection & Approach Description: Fox Chase Road and Local Road / Manor Access
Northbound Fox Chase Road Left-Turn

Analysis Period:	2029 Build	**Number of Approach Lanes:**	1
Design Hour:	AM Peak Hour	**Undivided or Divided Highway:**	Undivided
Intersection Control:	Signalized		
Posted Speed Limit (MPH):	35		**Type of Analysis**
Type of Terrain:	Level	**Left or Right-Turn Lane Analysis?:**	Left Turn Lane

VOLUME CALCULATIONS

Left Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	18	0.0%	18
	Through	-	254	7.0%	263
	Right	Yes	13	2.0%	14
Opposing	Left	Yes	4	2.0%	5
	Through	-	248	8.0%	258
	Right	Yes	15	0.0%	15

Advancing Volume:	295
Opposing Volume:	278
Left Turn Volume:	18
% Left Turns in Advancing Volume:	6.10%

Right Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left				N/A
	Through	-			N/A
	Right	-			N/A

Advancing Volume:	N/A
Right Turn Volume:	N/A

TURN LANE WARRANT FINDINGS

Left Turn Lane Warrant Findings

Applicable Warrant Figure: Figure 1

Warrant Met?: No

Right Turn Lane Warrant Findings

Applicable Warrant Figure: N/A

Warrant Met?: N/A

TURN LANE LENGTH CALCULATIONS

Intersection Control:	Signalized
Design Hour Volume of Turning Lane:	18
Cycles Per Hour (Assumed):	Known
Cycles Per Hour (If Known):	54

Average # of Vehicles/Cycle: N/A

PennDOT Publication 46, Exhibit 11-6

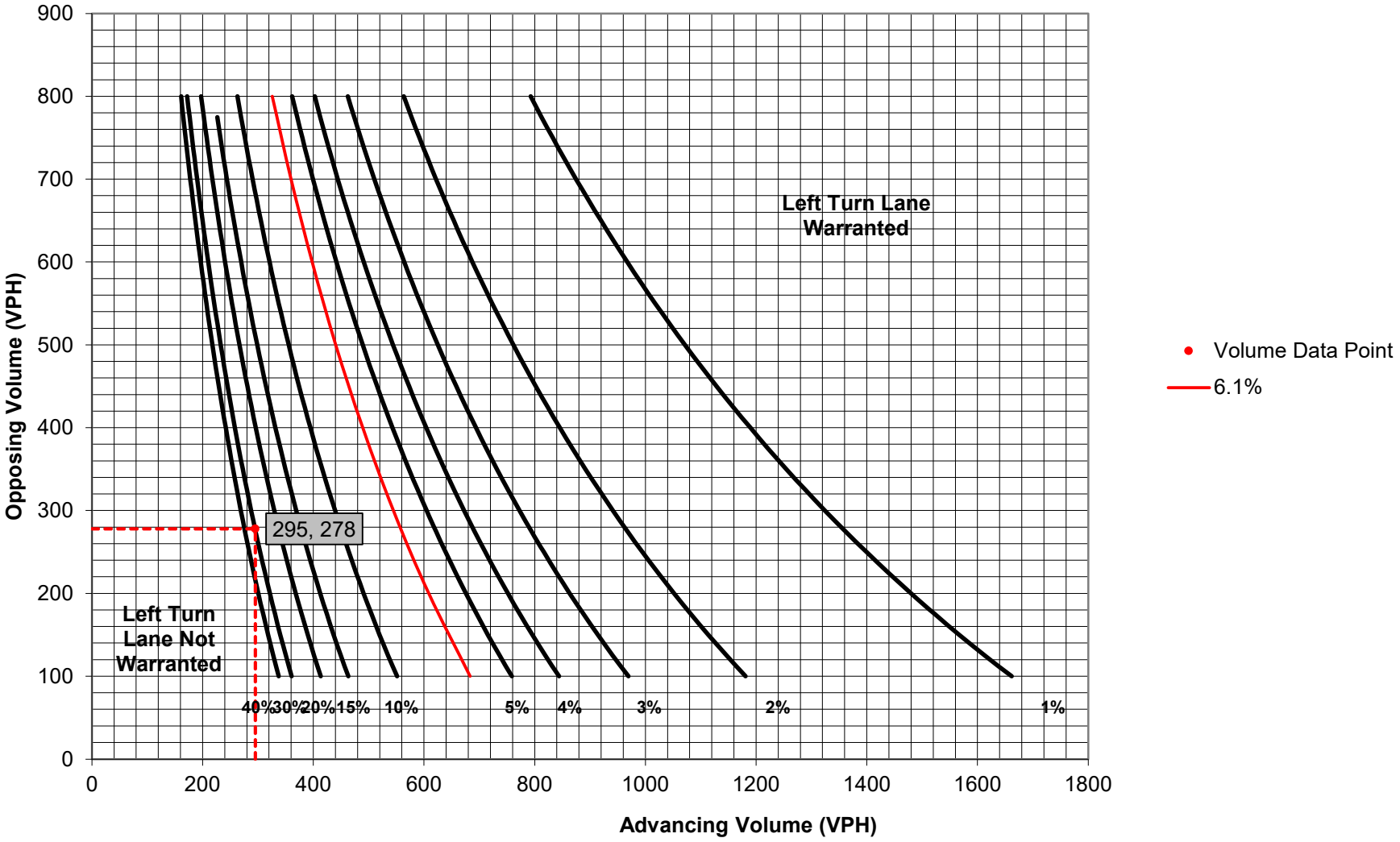
Type of Traffic Control	Speed (MPH)					
	25-35		40-45		50-60	
	Turn Demand Volume					
	High	Low	High	Low	High	Low
Signalized	A	A	B or C	B or C	B or C	B or C
Unsignalized	A	A	C	B	B or C	B

Left Turn Lane Storage Length, Condition A:	N/A	Feet
Condition B:	N/A	Feet
Condition C:	N/A	Feet
Required Left Turn Lane Storage Length:	N/A	Feet

Additional Findings:
N/A

Additional Comments / Justifications:

Figure 1. Warrant for left turn lanes on two-lane roadways
(speeds to 35 mph, unsignalized and signalized intersections)
(L = % Left Turns in Advancing Volume)



Turn Lane Warrant and Length Analysis Workbook

STUDY LOCATION AND ANALYSIS INFORMATION

Municipality:	Abington Township	**Analysis Date:**	1/28/2022
County:	Montgomery County	**Conducted By:**	BGG
PennDOT Engineering District:	6	**Checked By:**	JDG
		Agency/Company Name:	McMahon Associates, Inc.

Intersection & Approach Description: Fox Chase Road and Local Road / Manor Access
Northbound Fox Chase Road Left-Turn Lane

Analysis Period:	2029 Build	**Number of Approach Lanes:**	1
Design Hour:	PM Peak Hour	**Undivided or Divided Highway:**	Undivided
Intersection Control:	Signalized		
Posted Speed Limit (MPH):	35		**Type of Analysis**
Type of Terrain:	Level	**Left or Right-Turn Lane Analysis?:**	Left Turn Lane

VOLUME CALCULATIONS

Left Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	6	0.0%	6
	Through	-	199	4.0%	203
	Right	Yes	28	2.0%	29
Opposing	Left	Yes	9	2.0%	10
	Through	-	316	3.0%	321
	Right	Yes	0	0.0%	0

Advancing Volume:	238
Opposing Volume:	331
Left Turn Volume:	6
% Left Turns in Advancing Volume:	2.52%

Right Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes			N/A
	Through	-			N/A
	Right	-			N/A

Advancing Volume:	N/A
Right Turn Volume:	N/A

TURN LANE WARRANT FINDINGS

Left Turn Lane Warrant Findings

Applicable Warrant Figure: Figure 1

Warrant Met?: No

Right Turn Lane Warrant Findings

Applicable Warrant Figure: N/A

Warrant Met?: N/A

TURN LANE LENGTH CALCULATIONS

Intersection Control:	Signalized
Design Hour Volume of Turning Lane:	6
Cycles Per Hour (Assumed):	Known
Cycles Per Hour (If Known):	54

Average # of Vehicles/Cycle: N/A

PennDOT Publication 46, Exhibit 11-6

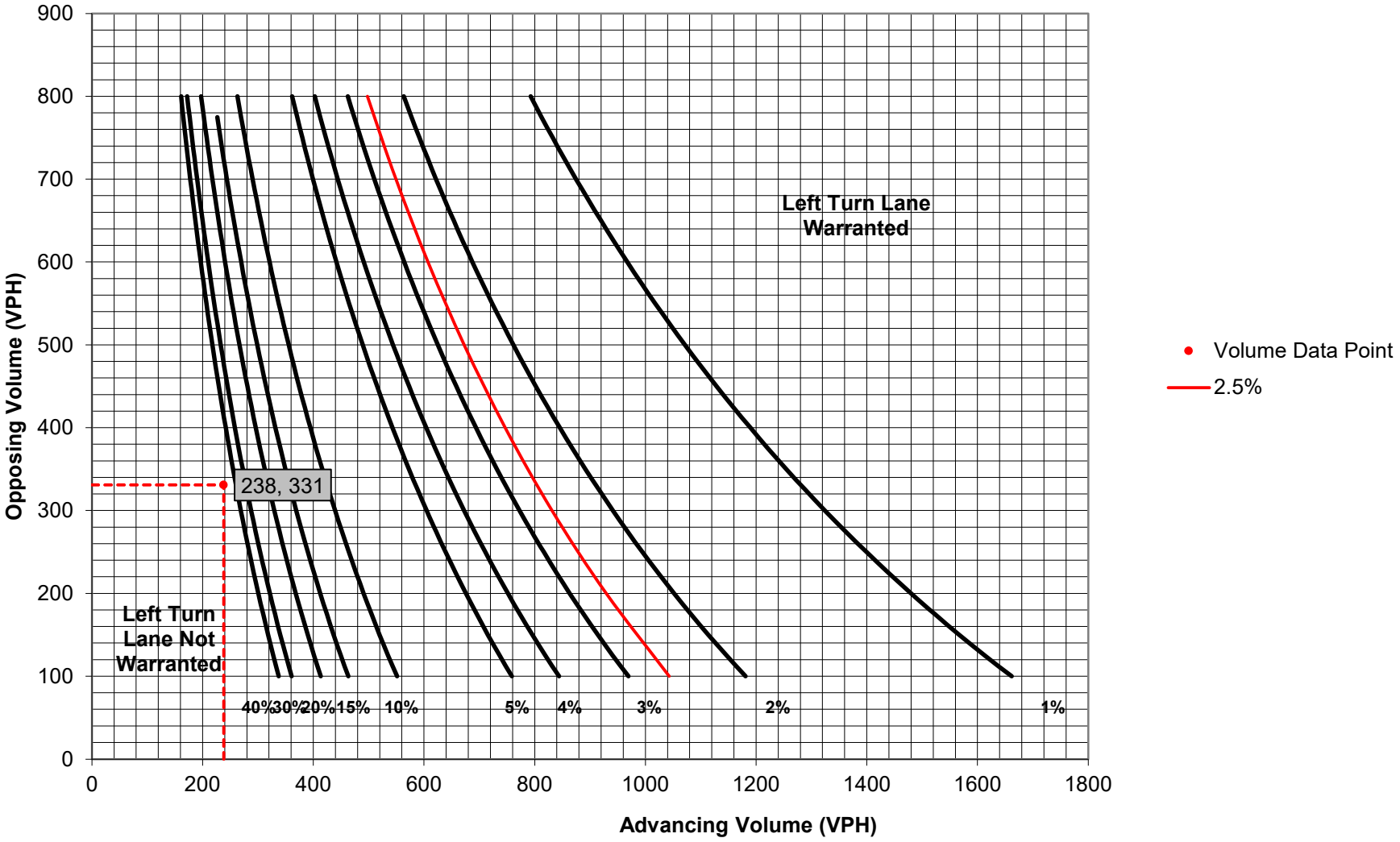
Type of Traffic Control	Speed (MPH)					
	25-35		40-45		50-60	
	Turn Demand Volume					
	High	Low	High	Low	High	Low
Signalized	A	A	B or C	B or C	B or C	B or C
Unsignalized	A	A	C	B	B or C	B

Left Turn Lane Storage Length, Condition A:	N/A	Feet
Condition B:	N/A	Feet
Condition C:	N/A	Feet
Required Left Turn Lane Storage Length:	N/A	Feet

Additional Findings:
N/A

Additional Comments / Justifications:

Figure 1. Warrant for left turn lanes on two-lane roadways
(speeds to 35 mph, unsignalized and signalized intersections)
(L = % Left Turns in Advancing Volume)



Turn Lane Warrant and Length Analysis Workbook

STUDY LOCATION AND ANALYSIS INFORMATION

Municipality:	Abington Township	**Analysis Date:**	1/28/2022
County:	Montgomery County	**Conducted By:**	BGG
PennDOT Engineering District:	6	**Checked By:**	JDG
		Agency/Company Name:	McMahon Associates, Inc.

Intersection & Approach Description: Fox Chase Road and Local Road / Manor Access
Northbound Right-Turn Fox Chase Road

Analysis Period:	2029 Build	**Number of Approach Lanes:**	1
Design Hour:	AM Peak Hour	**Undivided or Divided Highway:**	Undivided
Intersection Control:	Signalized		
Posted Speed Limit (MPH):	35		**Type of Analysis**
Type of Terrain:	Level	**Left or Right-Turn Lane Analysis?:**	Right Turn Lane

VOLUME CALCULATIONS

Left Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	4	2.0%	N/A
	Through	-	248	8.0%	N/A
	Right	Yes	15	0.0%	N/A
Opposing	Left	Yes	18	0.0%	N/A
	Through	-	254	7.0%	N/A
	Right	Yes	13	2.0%	N/A

Advancing Volume:	N/A
Opposing Volume:	N/A
Left Turn Volume:	N/A
% Left Turns in Advancing Volume:	N/A

Right Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	18	0.0%	18
	Through	-	254	7.0%	263
	Right	-	13	2.0%	14

Advancing Volume:	295
Right Turn Volume:	14

TURN LANE WARRANT FINDINGS

Left Turn Lane Warrant Findings

Applicable Warrant Figure: N/A

Warrant Met?: N/A

Right Turn Lane Warrant Findings

Applicable Warrant Figure: Figure 9

Warrant Met?: No

TURN LANE LENGTH CALCULATIONS

Intersection Control:	Signalized
Design Hour Volume of Turning Lane:	14
Cycles Per Hour (Assumed):	Known
Cycles Per Hour (If Known):	54

Average # of Vehicles/Cycle: N/A

PennDOT Publication 46, Exhibit 11-6

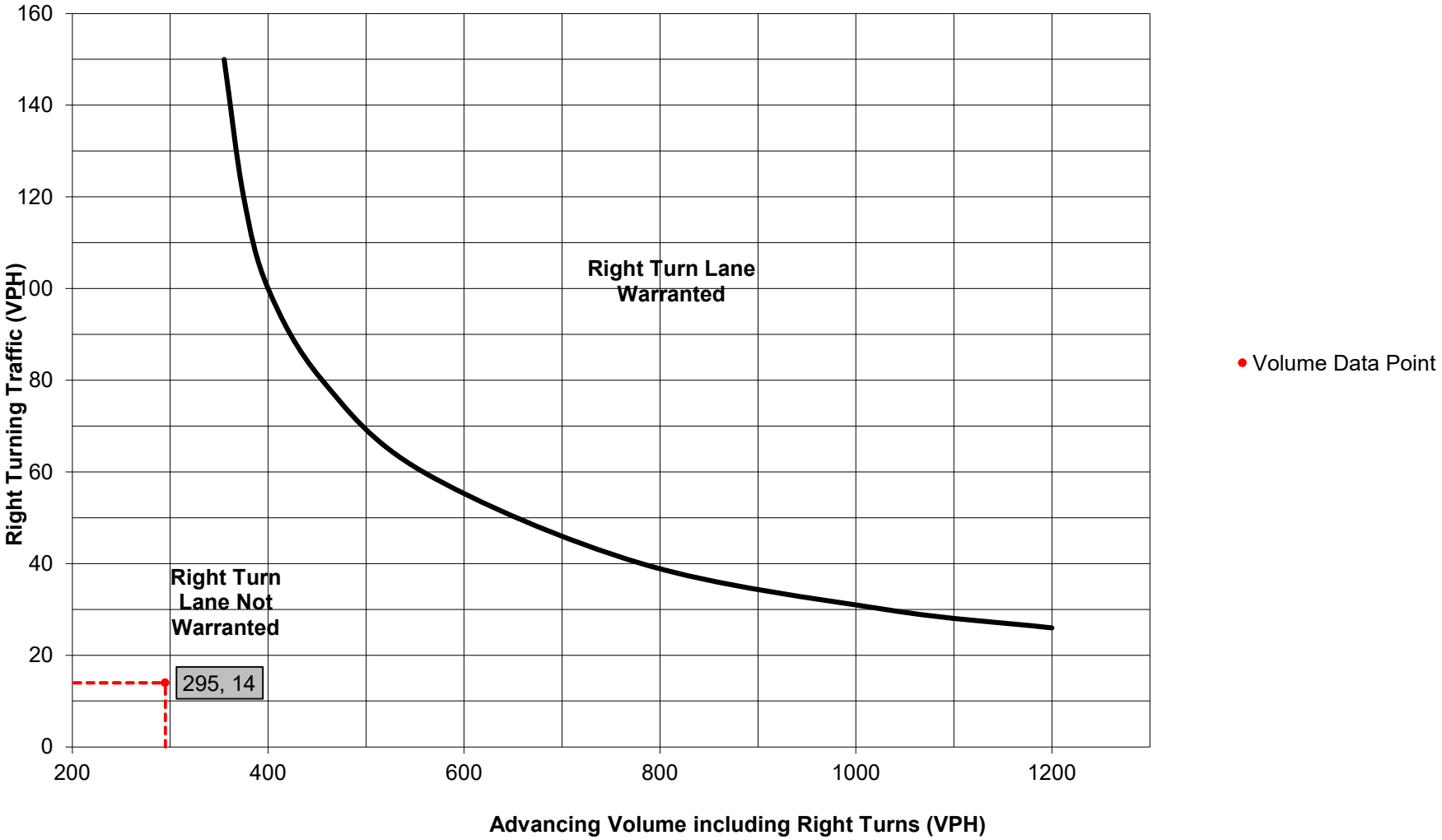
Type of Traffic Control	Speed (MPH)					
	25-35		40-45		50-60	
	Turn Demand Volume					
	High	Low	High	Low	High	Low
Signalized	A	A	B or C	B or C	B or C	B or C
Unsignalized	A	A	C	B	B or C	B

Right Turn Lane Storage Length, Condition A:	N/A	Feet
Condition B:	N/A	Feet
Condition C:	N/A	Feet
Required Right Turn Lane Storage Length:	N/A	Feet

Additional Findings:
N/A

Additional Comments / Justifications:

Figure 9. Warrant for right turn lanes on two-lane roadways
(40 mph or lower speeds, unsignalized and signalized intersections)



Turn Lane Warrant and Length Analysis Workbook

STUDY LOCATION AND ANALYSIS INFORMATION

Municipality:	Abington Township	**Analysis Date:**	1/28/2022
County:	Montgomery County	**Conducted By:**	BGG
PennDOT Engineering District:	6	**Checked By:**	JDG
		Agency/Company Name:	McMahon Associates, Inc.

Intersection & Approach Description: Fox Chase Road and Local Road / Manor Access
Northbound Right-Turn Fox Chase Road

Analysis Period:	2029 Build	**Number of Approach Lanes:**	1
Design Hour:	PM Peak Hour	**Undivided or Divided Highway:**	Undivided
Intersection Control:	Signalized		
Posted Speed Limit (MPH):	35		**Type of Analysis**
Type of Terrain:	Level	**Left or Right-Turn Lane Analysis?:**	Right Turn Lane

VOLUME CALCULATIONS

Left Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	9	2.0%	N/A
	Through	-	316	3.0%	N/A
	Right	Yes	0	0.0%	N/A
Opposing	Left	Yes	6	0.0%	N/A
	Through	-	199	4.0%	N/A
	Right	Yes	28	2.0%	N/A

Advancing Volume:	N/A
Opposing Volume:	N/A
Left Turn Volume:	N/A
% Left Turns in Advancing Volume:	N/A

Right Turn Lane Volume Calculations

Movement		Include?	Volume	% Trucks	PCEV
Advancing	Left	Yes	6	0.0%	6
	Through	-	199	4.0%	203
	Right	-	28	2.0%	29

Advancing Volume:	238
Right Turn Volume:	29

TURN LANE WARRANT FINDINGS

Left Turn Lane Warrant Findings

Applicable Warrant Figure: N/A

Warrant Met?: N/A

Right Turn Lane Warrant Findings

Applicable Warrant Figure: Figure 9

Warrant Met?: No

TURN LANE LENGTH CALCULATIONS

Intersection Control:	Signalized
Design Hour Volume of Turning Lane:	29
Cycles Per Hour (Assumed):	Known
Cycles Per Hour (If Known):	54

Average # of Vehicles/Cycle: N/A

PennDOT Publication 46, Exhibit 11-6

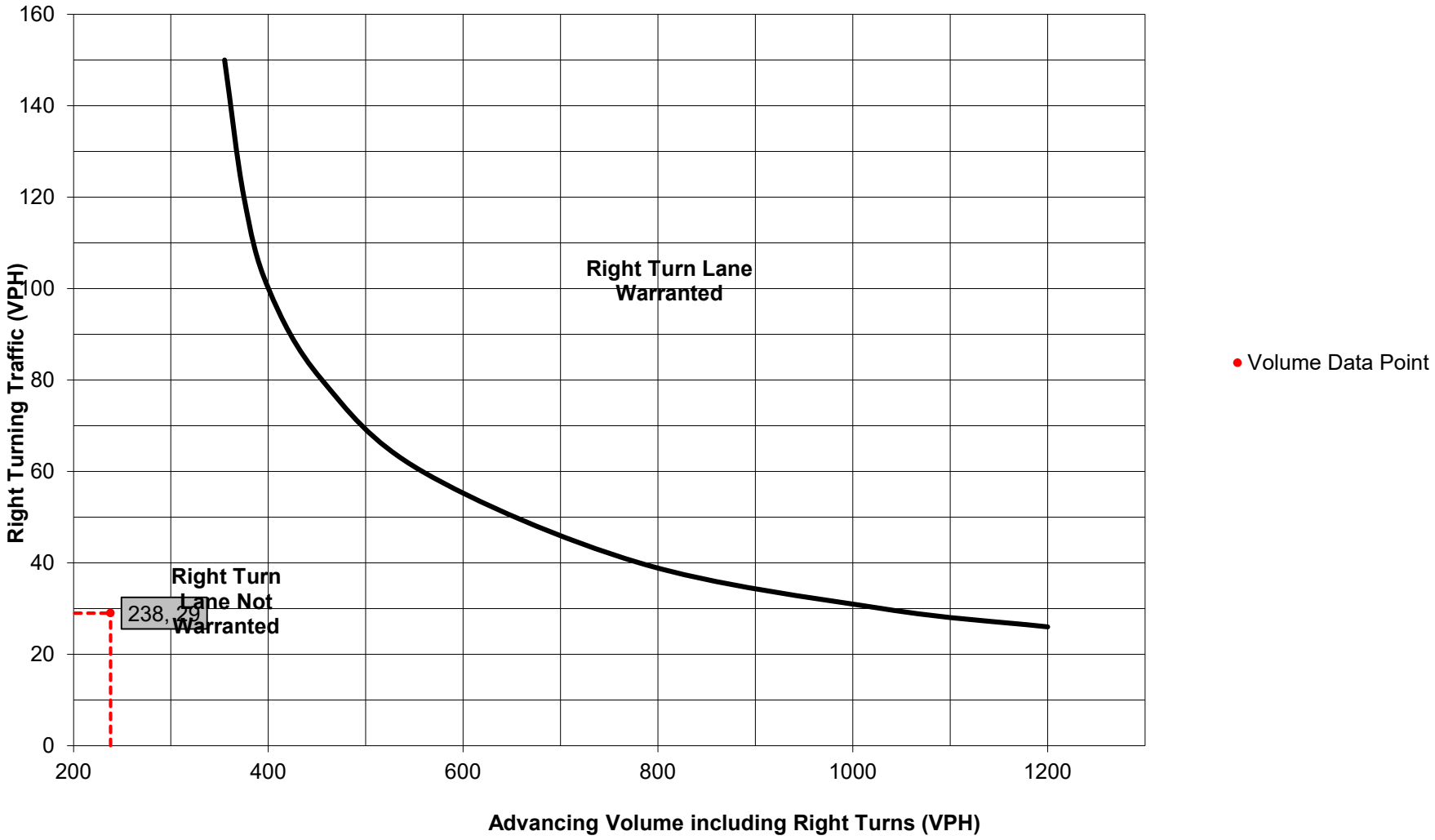
Type of Traffic Control	Speed (MPH)					
	25-35		40-45		50-60	
	Turn Demand Volume					
	High	Low	High	Low	High	Low
Signalized	A	A	B or C	B or C	B or C	B or C
Unsignalized	A	A	C	B	B or C	B

Right Turn Lane Storage Length, Condition A:	N/A	Feet
Condition B:	N/A	Feet
Condition C:	N/A	Feet
Required Right Turn Lane Storage Length:	N/A	Feet

Additional Findings:
N/A

Additional Comments / Justifications:

Figure 9. Warrant for right turn lanes on two-lane roadways
(40 mph or lower speeds, unsignalized and signalized intersections)



LEFT-TURN CONFLICT FACTOR WORKSHEET

INTERSECTION:	Fox Chase Road and Manor College / Proposed Local Road	**PEMIT NUMBER:**	64-2762
COUNTY:	Montgomery	**MUNICIPALITY:**	Abington Township
		COUNT DATE / SCENARIO:	2029 Projected

INTERSECTION VOLUMES

	NORTHBOUND FOX CHASE ROAD			SOUTHBOUND FOX CHASE ROAD			EASTBOUND MANOR COLLEGE			WESTBOUND PROPOSED LOCAL ROAD			CYCLE LENGTH (sec)
INTERVAL	**NBL**	**NBT**	**NBR**	**SBL**	**SBT**	**SBR**	**EBL**	**EBT**	**EBR**	**WBL**	**WBT**	**WBR**	
AM PEAK	18	254	13	4	248	15	1	0	2	27	0	9	67
MIDDAY PEAK													
PM PEAK	6	199	28	9	316	0	13	0	25	18	0	6	67
SAT PEAK													

LEFT-TURN CONFLICT FACTOR CALCULATIONS [1]

NORTHBOUND APPROACH	FOX CHASE ROAD
Exclusive Left-Turn Lane	NO
Number of Opposing Lanes	1
Include Opposing Right-Turn	YES
Required C.F (Prot/Permit)	35,000
Required C.F (Prot/Prohib)	N/A

NOTES

Hour	NB Left	Opposing Volume	Turns per Cycle	NB Conflict Factor	L.T.P. Justified
AM PEAK	18	263	0.34	4734	NO
MIDDAY PEAK	0	0		0	NO
PM PEAK	6	316	0.11	1896	NO
SAT PEAK	0	0		0	NO

SOUTHBOUND APPROACH	FOX CHASE ROAD
Exclusive Left-Turn Lane	NO
Number of Opposing Lanes	1
Include Opposing Right-Turn	YES
Required C.F (Prot/Permit)	35,000
Required C.F (Prot/Prohib)	N/A

NOTES

Hour	SB Left	Opposing Volume	Turns per Cycle	SB Conflict Factor	L.T.P. Justified
AM PEAK	4	267	0.07	1068	NO
MIDDAY PEAK	0	0		0	NO
PM PEAK	9	227	0.17	2043	NO
SAT PEAK	0	0		0	NO

EASTBOUND APPROACH	MANOR COLLEGE
Exclusive Left-Turn Lane	NO
Number of Opposing Lanes	1
Include Opposing Right-Turn	YES
Required C.F (Prot/Permit)	35,000
Required C.F (Prot/Prohib)	N/A

NOTES

Hour	EB Left	Opposing Volume	Turns per Cycle	EB Conflict Factor	L.T.P. Justified
AM PEAK	1	9	0.02	9	NO
MIDDAY PEAK	0	0		0	NO
PM PEAK	13	6	0.24	78	NO
SAT PEAK	0	0		0	NO

WESTBOUND APPROACH	PROPOSED LOCAL ROAD
Exclusive Left-Turn Lane	NO
Number of Opposing Lanes	1
Include Opposing Right-Turn	YES
Required C.F (Prot/Permit)	35,000
Required C.F (Prot/Prohib)	N/A

NOTES

Hour	WB Left	Opposing Volume	Turns per Cycle	WB Conflict Factor	L.T.P. Justified
AM PEAK	27	2	0.50	54	NO
MIDDAY PEAK	0	0		0	NO
PM PEAK	18	25	0.34	450	NO
SAT PEAK	0	0		0	NO

RECOMMENDATIONS:	No dedicated left-turn phases.

COMPLETED BY:	BGG	1/31/2022
QAQC BY:	SAK	2/3/2022

(1) Based on guidelines outlined within PennDOT Publication 149, Chapter 3.1

Appendix E

Traffic Volume Projection Worksheets

Fox Chase Road & Forrest Avenue
INTERSECTION VOLUME PROJECTION SUMMARY
Weekday 7 AM - 9 AM

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND		
		Forrest Avenue			Forrest Avenue			Fox Chase Road			Fox Chase Road		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
EXISTING VOLUMES		13	14	56	69	13	5	42	170	31	2	132	15
Seasonal Adjustment Factor	1.000	0	0	0	0	0	0	0	0	0	0	0	0
Balancing Adjustment		0	0	0	0	0	0	1	1	4	0	0	0
Additional Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED EXISTING VOLUMES		**13**	**14**	**56**	**69**	**13**	**5**	**43**	**171**	**35**	**2**	**132**	**15**
Background Growth to 2029	2.33%	0	0	1	2	0	0	1	4	1	0	3	0
Total Other Development New Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Other Development Pass-by Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITHOUT DEVELOPMENT VOLUMES		**13**	**14**	**57**	**71**	**13**	**5**	**44**	**175**	**36**	**2**	**135**	**15**
Senior Adult Housing—Single-Family	DIST IN			5%	5%							15%	
	DIST OUT							(5%)	(15%)	(5%)			
	ASSIGN	0	0	0	1	0	0	2	5	2	0	3	0
Total New Site Trip Assignment		*0*	*0*	*0*	*1*	*0*	*0*	*2*	*5*	*2*	*0*	*3*	*0*
Total Pass-by Site Trip Assignment		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITH DEVELOPMENT VOLUMES		**13**	**14**	**57**	**72**	**13**	**5**	**46**	**180**	**38**	**2**	**138**	**15**

Fox Chase Road & Forrest Avenue
INTERSECTION VOLUME PROJECTION SUMMARY
Weekday 4 PM - 6 PM

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND		
		Forrest Avenue			Forrest Avenue			Fox Chase Road			Fox Chase Road		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
EXISTING VOLUMES		4	24	92	46	20	3	36	132	39	5	169	7
Seasonal Adjustment Factor	1.000	0	0	0	0	0	0	0	0	0	0	0	0
Balancing Adjustment		0	0	0	0	0	0	0	0	0	0	2	0
Additional Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED EXISTING VOLUMES		**4**	**24**	**92**	**46**	**20**	**3**	**36**	**132**	**39**	**5**	**171**	**7**
Background Growth to 2029	2.33%	0	1	2	1	0	0	1	3	1	0	4	0
Total Other Development New Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Other Development Pass-by Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITHOUT DEVELOPMENT VOLUMES		**4**	**25**	**94**	**47**	**20**	**3**	**37**	**135**	**40**	**5**	**175**	**7**
Senior Adult Housing—Single-Family	DIST IN			5%	5%							15%	
	DIST OUT							(5%)	(15%)	(5%)			
	ASSIGN	0	0	1	2	0	0	1	4	1	0	6	0
Total New Site Trip Assignment		*0*	*0*	*1*	*2*	*0*	*0*	*1*	*4*	*1*	*0*	*6*	*0*
Total Pass-by Site Trip Assignment		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITH DEVELOPMENT VOLUMES		**4**	**25**	**95**	**49**	**20**	**3**	**38**	**139**	**41**	**5**	**181**	**7**

Fox Chase Road & Manor Access / Site Access
INTERSECTION VOLUME PROJECTION SUMMARY
Weekday 7 AM - 9 AM

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND		
		Manor Access			Site Access			Fox Chase Road			Fox Chase Road		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
EXISTING VOLUMES		1	0	2	0	0	0	18	248	0	0	241	15
Seasonal Adjustment Factor	1.000	0	0	0	0	0	0	0	0	0	0	0	0
Balancing Adjustment		0	0	0	0	0	0	0	0	0	0	1	0
Additional Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED EXISTING VOLUMES		**1**	**0**	**2**	**0**	**0**	**0**	**18**	**248**	**0**	**0**	**242**	**15**
Background Growth to 2029	2.33%	0	0	0	0	0	0	0	6	0	0	6	0
Total Other Development New Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Other Development Pass-by Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITHOUT DEVELOPMENT VOLUMES		**1**	**0**	**2**	**0**	**0**	**0**	**18**	**254**	**0**	**0**	**248**	**15**
Senior Adult Housing—Single-Family	DIST IN									75%	25%		
	DIST OUT				(75%)		(25%)						
	ASSIGN	0	0	0	27	0	9	0	0	13	4	0	0
Total New Site Trip Assignment		*0*	*0*	*0*	*27*	*0*	*9*	*0*	*0*	*13*	*4*	*0*	*0*
Total Pass-by Site Trip Assignment		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITH DEVELOPMENT VOLUMES		**1**	**0**	**2**	**27**	**0**	**9**	**18**	**254**	**13**	**4**	**248**	**15**

Fox Chase Road & Manor Access / Site Access
INTERSECTION VOLUME PROJECTION SUMMARY
Weekday 4 PM - 6 PM

		EASTBOUND			WESTBOUND			NORTHBOUND			SOUTHBOUND		
		Manor Access			Site Access			Fox Chase Road			Fox Chase Road		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
EXISTING VOLUMES		13	0	24	0	0	0	6	189	0	0	309	0
Seasonal Adjustment Factor	1.000	0	0	0	0	0	0	0	0	0	0	0	0
Balancing Adjustment		0	0	0	0	0	0	0	5	0	0	0	0
Additional Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED EXISTING VOLUMES		**13**	**0**	**24**	**0**	**0**	**0**	**6**	**194**	**0**	**0**	**309**	**0**
Background Growth to 2029	2.33%	0	0	1	0	0	0	0	5	0	0	7	0
Total Other Development New Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Other Development Pass-by Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITHOUT DEVELOPMENT VOLUMES		**13**	**0**	**25**	**0**	**0**	**0**	**6**	**199**	**0**	**0**	**316**	**0**
Senior Adult Housing—Single-Family	DIST IN									75%	25%		
	DIST OUT				(75%)		(25%)						
	ASSIGN	0	0	0	18	0	6	0	0	28	9	0	0
Total New Site Trip Assignment		*0*	*0*	*0*	*18*	*0*	*6*	*0*	*0*	*28*	*9*	*0*	*0*
Total Pass-by Site Trip Assignment		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITH DEVELOPMENT VOLUMES		**13**	**0**	**25**	**18**	**0**	**6**	**6**	**199**	**28**	**9**	**316**	**0**

Fox Chase Road & Cedar Road
INTERSECTION VOLUME PROJECTION SUMMARY
Weekday 7 AM - 9 AM

		EASTBOUND Cedar Road			WESTBOUND Cedar Road			NORTHBOUND Fox Chase Road			SOUTHBOUND Fox Chase Road		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
EXISTING VOLUMES		68	201	80	3	240	64	84	123	7	41	121	92
Seasonal Adjustment Factor	1.000	0	0	0	0	0	0	0	0	0	0	0	0
Balancing Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
Additional Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED EXISTING VOLUMES		**68**	**201**	**80**	**3**	**240**	**64**	**84**	**123**	**7**	**41**	**121**	**92**
Background Growth to 2029	2.33%	2	5	2	0	6	1	2	3	0	1	3	2
Total Other Development New Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Other Development Pass-by Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITHOUT DEVELOPMENT VOLUMES		**70**	**206**	**82**	**3**	**246**	**65**	**86**	**126**	**7**	**42**	**124**	**94**
Senior Adult Housing—Single-Family	DIST IN	30%					25%		20%				
	DIST OUT										(25%)	(20%)	(30%)
	ASSIGN	5	0	0	0	0	4	0	4	0	9	7	11
Total New Site Trip Assignment		*5*	*0*	*0*	*0*	*0*	*4*	*0*	*4*	*0*	*9*	*7*	*11*
Total Pass-by Site Trip Assignment		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITH DEVELOPMENT VOLUMES		**75**	**206**	**82**	**3**	**246**	**69**	**86**	**130**	**7**	**51**	**131**	**105**

Fox Chase Road & Cedar Road
INTERSECTION VOLUME PROJECTION SUMMARY
Weekday 4 PM - 6 PM

		EASTBOUND Cedar Road			WESTBOUND Cedar Road			NORTHBOUND Fox Chase Road			SOUTHBOUND Fox Chase Road		
		Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
EXISTING VOLUMES		58	246	112	6	264	69	75	101	5	73	181	62
Seasonal Adjustment Factor	1.000	0	0	0	0	0	0	0	0	0	0	0	0
Balancing Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
Additional Adjustment		0	0	0	0	0	0	0	0	0	0	0	0
ADJUSTED EXISTING VOLUMES		**58**	**246**	**112**	**6**	**264**	**69**	**75**	**101**	**5**	**73**	**181**	**62**
Background Growth to 2029	2.33%	1	6	3	0	6	2	2	2	0	2	4	1
Total Other Development New Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Other Development Pass-by Trip Assignments		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITHOUT DEVELOPMENT VOLUMES		**59**	**252**	**115**	**6**	**270**	**71**	**77**	**103**	**5**	**75**	**185**	**63**
Senior Adult Housing—Single-Family	DIST IN	30%					25%		20%				
	DIST OUT										(25%)	(20%)	(30%)
	ASSIGN	11	0	0	0	0	9	0	8	0	6	5	7
Total New Site Trip Assignment		*11*	*0*	*0*	*0*	*0*	*9*	*0*	*8*	*0*	*6*	*5*	*7*
Total Pass-by Site Trip Assignment		*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
2029 WITH DEVELOPMENT VOLUMES		**70**	**252**	**115**	**6**	**270**	**80**	**77**	**111**	**5**	**81**	**190**	**70**

Appendix F

LOS / Capacity Analysis Methodology

CAPACITY/LEVEL-OF-SERVICE ANALYSIS METHODOLOGY

The detailed capacity/level-of-service analysis contained in this transportation impact study was performed in accordance with the standard techniques contained in the *Highway Capacity Manual 6th Edition.* By definition, capacity represents "the maximum sustainable hourly flow rate at which persons or vehicles reasonably can be expected to traverse a point or a uniform section of a lane or roadway during a given time period under prevailing roadway, environmental, traffic, and control conditions." The level at which an intersection or a uniform section of a lane or roadway function can be expressed in terms of a level of service. Level of service (LOS) is defined as "a quantitative stratification of a performance measure or measures that represent quality of service, measured on an A-F scale, with LOS A representing the best operating conditions from the traveler's perspective and LOS F the worst."

Signalized Intersections

At three or four-legged signalized intersections, a methodology for evaluating the capacity and quality of service provided to road users traveling through the signalized intersection. For signalized intersections, the level of service can be characterized for the entire intersection, each approach, and each lane group. The level of service is based upon the control delay and volume-to-capacity ratio. The delay quantifies the increase in travel time due to the traffic signal control and is a surrogate measure of driver discomfort and fuel consumption, while the volume-to-capacity ratio quantifies the degree to which a phase's capacity is utilized by a lane group. Input data in determining the delay and volume-to-capacity ratio include:

- Demand flow rate for each entering vehicular movement and pedestrian crossing movement, including right-turn on red volumes and percent of heavy vehicles;
- Initial queue for each lane group;
- Number and configuration of lanes on each approach;
- Type of signal control and phase sequence;
- Allocation of minimum/maximum green times and clearance intervals (Yellow plus All Red phases); and
- Phase recall.

At signalized intersections, the level of service is based upon the control delay, as well as the corresponding volume-to-capacity ratio for each movement/lane group. The following table provides a summary of the relationship between the level of service, control delay, and volume-to-capacity ratio for signalized intersections.

Control Delay (Sec/Veh)	**LOS by Volume-to-Capacity Ratio**	
	v/c ≤ 1.0	**v/c > 1.0**
≤ 10	A	F
> 10 – 20	B	F
> 20 – 35	C	F
> 35 – 55	D	F
> 55 – 80	E	F
> 80	F	F

Appendix G

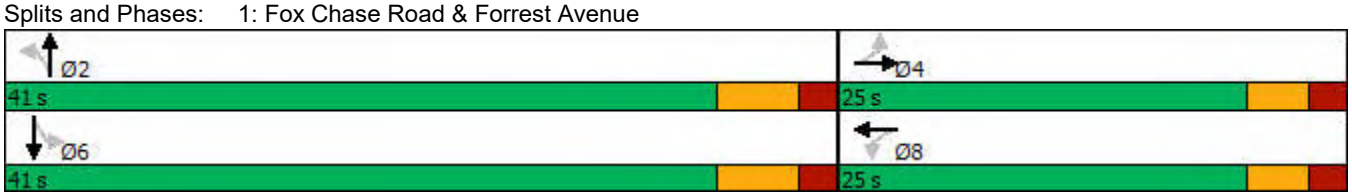
Existing
Capacity / LOS Analysis Worksheets

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	14	56	69	13	5	43	171	35	2	132	15
Future Volume (vph)	13	14	56	69	13	5	43	171	35	2	132	15
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	13	13	13	15	15	15	12	12	12	15	15	15
Grade (%)		2%			-1%			-2%			1%	
Lane Util. Factor	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 Factor		1.00			1.00							
Frt		0.909			0.992			0.981			0.986	
Flt Protected		0.992			0.962			0.991			0.999	
Satd. Flow (prot)	0	1567	0	0	1776	0	0	1644	0	0	1757	0
Flt Permitted		0.940			0.796			0.935			0.998	
Satd. Flow (perm)	0	1485	0	0	1469	0	0	1551	0	0	1755	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		62			5			20			14	
Link Speed (mph)		25			25			35			35	
Link Distance (ft)		345			428			876			325	
Travel Time (s)		9.4			11.7			17.1			6.3	
Confl. Peds. (#/hr)	2					2						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	0%	7%	7%	7%	0%	20%	10%	7%	7%	50%	8%	27%
Adj. Flow (vph)	14	16	62	77	14	6	48	190	39	2	147	17
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	92	0	0	97	0	0	277	0	0	166	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.04	1.04	1.04	0.94	0.94	0.94	1.06	1.06	1.06	0.95	0.95	0.95
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	0		1	0	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	0		20	0	
Trailing Detector (ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Position(ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Size(ft)	20	40		20	40		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	12.0	12.0		12.0	12.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0		25.0	25.0		41.0	41.0		41.0	41.0	
Total Split (%)	37.9%	37.9%		37.9%	37.9%		62.1%	62.1%		62.1%	62.1%	
Maximum Green (s)	20.0	20.0		20.0	20.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 66	
Actuated Cycle Length: 56	
Natural Cycle: 40	
Control Type: Semi Act-Uncoord	

Splits and Phases: 1: Fox Chase Road & Forrest Avenue



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	14	56	69	13	5	43	171	35	2	132	15
Future Volume (veh/h)	13	14	56	69	13	5	43	171	35	2	132	15
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.99	0.99		0.99	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	1849	1747	1747	1807	1911	1615	1732	1775	1775	1136	1749	1472
Adj Flow Rate, veh/h	14	16	62	77	14	6	48	190	39	2	147	17
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	0	7	7	7	0	20	10	7	7	50	8	27
Cap, veh/h	98	52	146	289	50	14	219	818	157	71	1053	120
Arrive On Green	0.12	0.14	0.12	0.12	0.14	0.12	0.67	0.68	0.67	0.67	0.68	0.67
Sat Flow, veh/h	130	362	1017	1156	350	99	203	1194	229	3	1537	176
Grp Volume(v), veh/h	92	0	0	97	0	0	277	0	0	166	0	0
Grp Sat Flow(s),veh/h/ln	1509	0	0	1605	0	0	1626	0	0	1716	0	0
Q Serve(g_s), s	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	2.9	0.0	0.0	2.6	0.0	0.0	3.2	0.0	0.0	1.8	0.0	0.0
Prop In Lane	0.15		0.67	0.79		0.06	0.17		0.14	0.01		0.10
Lane Grp Cap(c), veh/h	267	0	0	323	0	0	1163	0	0	1212	0	0
V/C Ratio(X)	0.34	0.00	0.00	0.30	0.00	0.00	0.24	0.00	0.00	0.14	0.00	0.00
Avail Cap(c_a), veh/h	645	0	0	686	0	0	1163	0	0	1212	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	20.9	0.0	0.0	20.7	0.0	0.0	3.2	0.0	0.0	2.9	0.0	0.0
Incr Delay (d2), s/veh	0.8	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0
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(95%),veh/ln	1.9	0.0	0.0	2.0	0.0	0.0	1.3	0.0	0.0	0.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	21.6	0.0	0.0	21.3	0.0	0.0	3.7	0.0	0.0	3.1	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		92			97			277			166	
Approach Delay, s/veh		21.6			21.3			3.7			3.1	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	41.0	11.6	41.0	11.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	35.0	20.0	35.0	20.0
Max Q Clear Time (g_c+I1), s	0.0	4.9	0.0	4.6
Green Ext Time (p_c), s	0.0	0.2	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	8.8
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

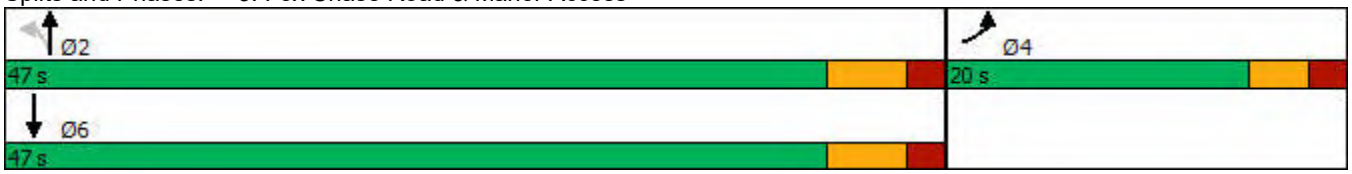


Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	1	2	18	248	242	15
Future Volume (vph)	1	2	18	248	242	15
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800
Lane Width (ft)	15	15	14	14	13	13
Grade (%)	3%			2%	0%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor	1.00			1.00	1.00	
Frt	0.910				0.992	
Flt Protected	0.984			0.997		
Satd. Flow (prot)	1746	0	0	1779	1714	0
Flt Permitted	0.984			0.976		
Satd. Flow (perm)	1744	0	0	1741	1714	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	2				9	
Link Speed (mph)	30			35	35	
Link Distance (ft)	250			379	876	
Travel Time (s)	5.7			7.4	17.1	
Confl. Peds. (#/hr)	2		1			1
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles (%)	0%	0%	0%	7%	8%	0%
Adj. Flow (vph)	1	2	19	267	260	16
Shared Lane Traffic (%)						
Lane Group Flow (vph)	3	0	0	286	276	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	15			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	0.97	0.97	1.00	1.00	1.03	1.03
Turning Speed (mph)	15	9	15			9
Number of Detectors	3		1	2	2	
Detector Template			Left			
Leading Detector (ft)	40		20	256	255	
Trailing Detector (ft)	-3		0	0	0	
Detector 1 Position(ft)	-3		0	0	0	
Detector 1 Size(ft)	6		20	6	5	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	5.0	
Detector 2 Position(ft)	13			250	250	
Detector 2 Size(ft)	6			6	5	
Detector 2 Type	Cl+Ex			Cl+Ex	Cl+Ex	
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0	0.0	
Detector 3 Position(ft)	34					
Detector 3 Size(ft)	6					
Detector 3 Type	Cl+Ex					
Detector 3 Channel						
Detector 3 Extend (s)	0.0					
Turn Type	Prot		Perm	NA	NA	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Protected Phases	4			2	6	
Permitted Phases			2			
Detector Phase	4		2	2	6	
Switch Phase						
Minimum Initial (s)	3.0		15.0	15.0	15.0	
Minimum Split (s)	8.0		21.0	21.0	21.0	
Total Split (s)	20.0		47.0	47.0	47.0	
Total Split (%)	29.9%		70.1%	70.1%	70.1%	
Maximum Green (s)	15.0		41.0	41.0	41.0	
Yellow Time (s)	3.0		4.0	4.0	4.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lost Time Adjust (s)	-1.0			-1.0	-1.0	
Total Lost Time (s)	4.0			5.0	5.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		4.0	4.0	4.0	
Minimum Gap (s)	3.0		2.0	2.0	2.0	
Time Before Reduce (s)	0.0		26.0	26.0	26.0	
Time To Reduce (s)	0.0		10.0	10.0	10.0	
Recall Mode	None		Max	Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 67	
Actuated Cycle Length: 64.2	
Natural Cycle: 40	
Control Type: Actuated-Uncoordinated	

Splits and Phases: 3: Fox Chase Road & Manor Access





Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	1	2	18	248	242	15
Future Volume (veh/h)	1	2	18	248	242	15
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	0.98	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1820	1820	1849	1747	1755	1872
Adj Flow Rate, veh/h	1	2	19	267	260	16
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	0	0	0	7	8	0
Cap, veh/h	9	18	117	1333	1317	81
Arrive On Green	0.02	0.00	0.79	0.81	0.81	0.79
Sat Flow, veh/h	409	818	53	1656	1636	101
Grp Volume(v), veh/h	4	0	286	0	0	276
Grp Sat Flow(s),veh/h/ln	1635	0	1709	0	0	1737
Q Serve(g_s), s	0.1	0.0	0.0	0.0	0.0	1.9
Cycle Q Clear(g_c), s	0.1	0.0	2.0	0.0	0.0	1.9
Prop In Lane	0.25	0.50	0.07			0.06
Lane Grp Cap(c), veh/h	37	0	1417	0	0	1398
V/C Ratio(X)	0.11	0.00	0.20	0.00	0.00	0.20
Avail Cap(c_a), veh/h	501	0	1417	0	0	1398
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	25.2	0.0	1.2	0.0	0.0	1.2
Incr Delay (d2), s/veh	1.3	0.0	0.3	0.0	0.0	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	0.1	0.0	0.2	0.0	0.0	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	26.5	0.0	1.5	0.0	0.0	1.5
LnGrp LOS	C	A	A	A	A	A
Approach Vol, veh/h	4			286	276	
Approach Delay, s/veh	26.5			1.5	1.5	
Approach LOS	C			A	A	

Timer - Assigned Phs	2		4		6
Phs Duration (G+Y+Rc), s	47.0		5.2		47.0
Change Period (Y+Rc), s	6.0		5.0		6.0
Max Green Setting (Gmax), s	41.0		15.0		41.0
Max Q Clear Time (g_c+I1), s	4.0		2.6		3.9
Green Ext Time (p_c), s	5.6		0.0		5.3

Intersection Summary	
HCM 6th Ctrl Delay	1.7
HCM 6th LOS	A

Notes

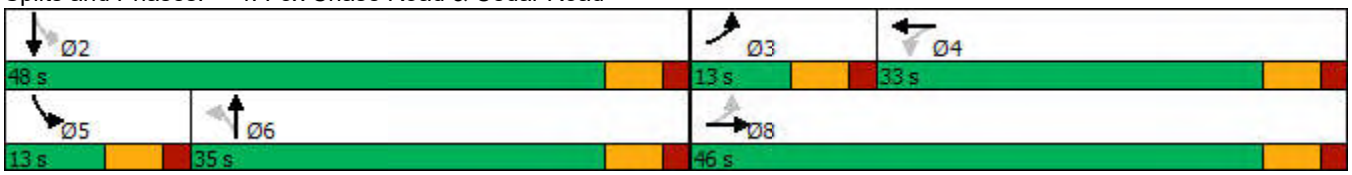
User approved volume balancing among the lanes for turning movement.

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	68	201	80	3	240	64	84	123	7	41	121	92
Future Volume (vph)	68	201	80	3	240	64	84	123	7	41	121	92
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	11	11	11	14	14	14	12	12	12	12	12	12
Grade (%)		0%			-1%			1%			1%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.969			0.972			0.996			0.951	
Flt Protected		0.990						0.981			0.992	
Satd. Flow (prot)	0	1565	0	0	1790	0	0	1670	0	0	1560	0
Flt Permitted		0.760			0.996			0.760			0.942	
Satd. Flow (perm)	0	1202	0	0	1783	0	0	1294	0	0	1481	0
Right Turn on Red			Yes			Yes			No			Yes
Satd. Flow (RTOR)		20			14						40	
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		299			432			438			399	
Travel Time (s)		5.8			8.4			8.5			7.8	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	18%	5%	1%	67%	4%	5%	7%	2%	29%	15%	4%	11%
Adj. Flow (vph)	72	212	84	3	253	67	88	129	7	43	127	97
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	368	0	0	323	0	0	224	0	0	267	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.12	1.12	1.12	0.98	0.98	0.98	1.08	1.08	1.08	1.08	1.08	1.08
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	1		1	1	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	35		20	35	
Trailing Detector (ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	20	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	pm+pt	NA		Perm	NA		Perm	NA		pm+pt	NA	
Protected Phases	3	8			4			6		5	2	
Permitted Phases	8			4			6			2		
Detector Phase	3	8		4	4		6	6		5	2	
Switch Phase												
Minimum Initial (s)	3.0	10.0		10.0	10.0		12.0	12.0		3.0	12.0	
Minimum Split (s)	9.0	16.0		16.0	16.0		18.0	18.0		9.0	18.0	
Total Split (s)	13.0	46.0		33.0	33.0		35.0	35.0		13.0	48.0	
Total Split (%)	13.8%	48.9%		35.1%	35.1%		37.2%	37.2%		13.8%	51.1%	
Maximum Green (s)	7.0	40.0		27.0	27.0		29.0	29.0		7.0	42.0	
Yellow Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Lost Time (s)		5.0			5.0			5.0			5.0	
Lead/Lag	Lead			Lag	Lag		Lag	Lag		Lead		
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	None		None	None		None	None		Max	None	
Act Effct Green (s)		32.6			19.3			19.7			33.0	
Actuated g/C Ratio		0.43			0.25			0.26			0.44	
v/c Ratio		0.65			0.70			0.67			0.40	
Control Delay		22.7			33.8			36.3			14.8	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		22.7			33.8			36.3			14.8	
LOS		C			C			D			B	
Approach Delay		22.7			33.8			36.3			14.8	
Approach LOS		C			C			D			B	
Queue Length 50th (ft)		113			128			93			67	
Queue Length 95th (ft)		234			246			184			144	
Internal Link Dist (ft)		219			352			358			319	
Turn Bay Length (ft)												
Base Capacity (vph)		713			682			523			884	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.52			0.47			0.43			0.30	

Intersection Summary			
Area Type:	Other		
Cycle Length: 94			
Actuated Cycle Length: 75.8			
Natural Cycle: 60			
Control Type: Semi Act-Uncoord			
Maximum v/c Ratio: 0.70			
Intersection Signal Delay: 26.5		Intersection LOS: C	
Intersection Capacity Utilization 75.5%		ICU Level of Service D	
Analysis Period (min) 15			

Splits and Phases: 4: Fox Chase Road & Cedar Road



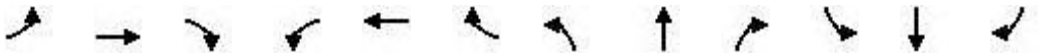
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	4	24	92	46	20	3	36	132	39	5	171	7
Future Volume (vph)	4	24	92	46	20	3	36	132	39	5	171	7
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	13	13	13	15	15	15	12	12	12	15	15	15
Grade (%)		2%			-1%			-2%			1%	
Lane Util. Factor	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 Factor		1.00			1.00			1.00			1.00	
Frt		0.897			0.994			0.975			0.995	
Flt Protected		0.998			0.968			0.991			0.999	
Satd. Flow (prot)	0	1588	0	0	1913	0	0	1697	0	0	1921	0
Flt Permitted		0.988			0.742			0.937			0.994	
Satd. Flow (perm)	0	1571	0	0	1466	0	0	1604	0	0	1911	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		95			3			24			4	
Link Speed (mph)		25			25			35			35	
Link Distance (ft)		345			428			876			325	
Travel Time (s)		9.4			11.7			17.1			6.3	
Confl. Peds. (#/hr)	4					4	2					2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	0%	0%	5%	0%	0%	0%	8%	1%	8%	0%	2%	0%
Adj. Flow (vph)	4	25	95	47	21	3	37	136	40	5	176	7
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	124	0	0	71	0	0	213	0	0	188	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.04	1.04	1.04	0.94	0.94	0.94	1.06	1.06	1.06	0.95	0.95	0.95
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	0		1	0	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	0		20	0	
Trailing Detector (ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Position(ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Size(ft)	20	40		20	40		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	12.0	12.0		12.0	12.0		21.0	21.0		21.0	21.0	
Total Split (s)	29.0	29.0		29.0	29.0		41.0	41.0		41.0	41.0	
Total Split (%)	41.4%	41.4%		41.4%	41.4%		58.6%	58.6%		58.6%	58.6%	
Maximum Green (s)	24.0	24.0		24.0	24.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 70	
Actuated Cycle Length: 54.8	
Natural Cycle: 40	
Control Type: Semi Act-Uncoord	

Splits and Phases: 1: Fox Chase Road & Forrest Avenue





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	4	24	92	46	20	3	36	132	39	5	171	7
Future Volume (veh/h)	4	24	92	46	20	3	36	132	39	5	171	7
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.98	0.99		0.98	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	1849	1849	1776	1911	1911	1911	1761	1860	1761	1866	1837	1866
Adj Flow Rate, veh/h	4	25	95	47	21	3	37	136	40	5	176	7
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	0	0	5	0	0	0	8	1	8	0	2	0
Cap, veh/h	74	51	177	247	99	10	225	792	217	77	1192	46
Arrive On Green	0.13	0.14	0.13	0.13	0.14	0.13	0.67	0.68	0.67	0.67	0.68	0.67
Sat Flow, veh/h	22	351	1224	923	686	71	211	1158	316	10	1741	68
Grp Volume(v), veh/h	124	0	0	71	0	0	213	0	0	188	0	0
Grp Sat Flow(s),veh/h/ln	1598	0	0	1679	0	0	1685	0	0	1819	0	0
Q Serve(g_s), s	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	3.8	0.0	0.0	1.8	0.0	0.0	2.3	0.0	0.0	1.9	0.0	0.0
Prop In Lane	0.03		0.77	0.66		0.04	0.17		0.19	0.03		0.04
Lane Grp Cap(c), veh/h	271	0	0	324	0	0	1202	0	0	1281	0	0
V/C Ratio(X)	0.46	0.00	0.00	0.22	0.00	0.00	0.18	0.00	0.00	0.15	0.00	0.00
Avail Cap(c_a), veh/h	797	0	0	800	0	0	1202	0	0	1281	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	21.3	0.0	0.0	20.3	0.0	0.0	3.0	0.0	0.0	2.9	0.0	0.0
Incr Delay (d2), s/veh	1.2	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0
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(95%),veh/ln	2.6	0.0	0.0	1.4	0.0	0.0	1.0	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	22.5	0.0	0.0	20.7	0.0	0.0	3.4	0.0	0.0	3.2	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		124			71			213			188	
Approach Delay, s/veh		22.5			20.7			3.4			3.2	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	41.0	11.6	41.0	11.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	35.0	24.0	35.0	24.0
Max Q Clear Time (g_c+I1), s	0.0	5.8	0.0	3.8
Green Ext Time (p_c), s	0.0	0.4	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	9.3
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

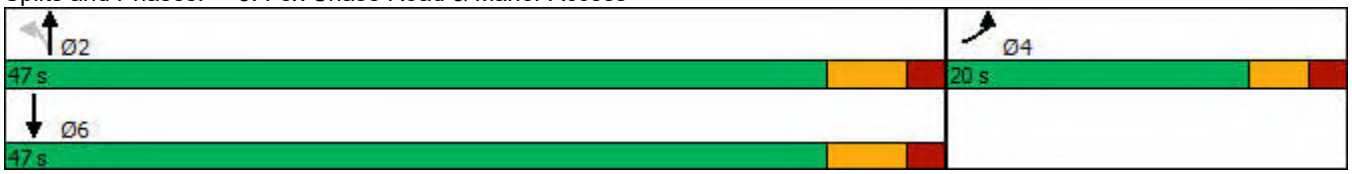


Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	13	24	6	194	309	0
Future Volume (vph)	13	24	6	194	309	0
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800
Lane Width (ft)	15	15	14	14	13	13
Grade (%)	3%			2%	0%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor				1.00		
Frt	0.911					
Flt Protected	0.983			0.999		
Satd. Flow (prot)	1747	0	0	1828	1806	0
Flt Permitted	0.983			0.992		
Satd. Flow (perm)	1747	0	0	1815	1806	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	25					
Link Speed (mph)	30			35	35	
Link Distance (ft)	250			379	876	
Travel Time (s)	5.7			7.4	17.1	
Confl. Peds. (#/hr)			1			1
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	0%	0%	0%	4%	3%	0%
Adj. Flow (vph)	13	25	6	200	319	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	38	0	0	206	319	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	15			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	0.97	0.97	1.00	1.00	1.03	1.03
Turning Speed (mph)	15	9	15			9
Number of Detectors	3		1	2	2	
Detector Template			Left			
Leading Detector (ft)	40		20	256	255	
Trailing Detector (ft)	-3		0	0	0	
Detector 1 Position(ft)	-3		0	0	0	
Detector 1 Size(ft)	6		20	6	5	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	5.0	
Detector 2 Position(ft)	13			250	250	
Detector 2 Size(ft)	6			6	5	
Detector 2 Type	Cl+Ex			Cl+Ex	Cl+Ex	
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0	0.0	
Detector 3 Position(ft)	34					
Detector 3 Size(ft)	6					
Detector 3 Type	Cl+Ex					
Detector 3 Channel						
Detector 3 Extend (s)	0.0					
Turn Type	Prot		Perm	NA	NA	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Protected Phases	4			2	6	
Permitted Phases			2			
Detector Phase	4		2	2	6	
Switch Phase						
Minimum Initial (s)	3.0		15.0	15.0	15.0	
Minimum Split (s)	8.0		21.0	21.0	21.0	
Total Split (s)	20.0		47.0	47.0	47.0	
Total Split (%)	29.9%		70.1%	70.1%	70.1%	
Maximum Green (s)	15.0		41.0	41.0	41.0	
Yellow Time (s)	3.0		4.0	4.0	4.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lost Time Adjust (s)	-1.0			-1.0	-1.0	
Total Lost Time (s)	4.0			5.0	5.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		4.0	4.0	4.0	
Minimum Gap (s)	3.0		2.0	2.0	2.0	
Time Before Reduce (s)	0.0		26.0	26.0	26.0	
Time To Reduce (s)	0.0		10.0	10.0	10.0	
Recall Mode	None		Max	Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 67	
Actuated Cycle Length: 60.9	
Natural Cycle: 40	
Control Type: Actuated-Uncoordinated	

Splits and Phases: 3: Fox Chase Road & Manor Access





Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	13	24	6	194	309	0
Future Volume (veh/h)	13	24	6	194	309	0
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1820	1820	1849	1790	1828	1872
Adj Flow Rate, veh/h	13	25	6	200	319	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	0	0	0	4	3	0
Cap, veh/h	27	52	79	1382	1430	0
Arrive On Green	0.05	0.03	0.76	0.78	0.78	0.00
Sat Flow, veh/h	536	1030	13	1767	1828	0
Grp Volume(v), veh/h	39	0	206	0	319	0
Grp Sat Flow(s),veh/h/ln	1607	0	1780	0	1828	0
Q Serve(g_s), s	1.3	0.0	0.0	0.0	2.5	0.0
Cycle Q Clear(g_c), s	1.3	0.0	1.5	0.0	2.5	0.0
Prop In Lane	0.33	0.64	0.03			0.00
Lane Grp Cap(c), veh/h	80	0	1429	0	1430	0
V/C Ratio(X)	0.48	0.00	0.14	0.00	0.22	0.00
Avail Cap(c_a), veh/h	479	0	1429	0	1430	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	25.1	0.0	1.4	0.0	1.5	0.0
Incr Delay (d2), s/veh	4.5	0.0	0.2	0.0	0.4	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	1.0	0.0	0.3	0.0	0.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	29.6	0.0	1.7	0.0	1.9	0.0
LnGrp LOS	C	A	A	A	A	A
Approach Vol, veh/h	39			206	319	
Approach Delay, s/veh	29.6			1.7	1.9	
Approach LOS	C			A	A	

Timer - Assigned Phs	2		4		6
Phs Duration (G+Y+Rc), s	47.0		6.7		47.0
Change Period (Y+Rc), s	6.0		5.0		6.0
Max Green Setting (Gmax), s	41.0		15.0		41.0
Max Q Clear Time (g_c+I1), s	3.5		3.8		5.0
Green Ext Time (p_c), s	3.8		0.0		6.2

Intersection Summary	
HCM 6th Ctrl Delay	3.7
HCM 6th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	58	246	112	6	264	69	75	101	5	73	181	62
Future Volume (vph)	58	246	112	6	264	69	75	101	5	73	181	62
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	11	11	11	14	14	14	12	12	12	12	12	12
Grade (%)		0%			-1%			1%			1%	
Lane Util. Factor	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 Factor		1.00			1.00			1.00			1.00	
Frt		0.964			0.973			0.996			0.973	
Flt Protected		0.993			0.999			0.980			0.989	
Satd. Flow (prot)	0	1645	0	0	1831	0	0	1713	0	0	1687	0
Flt Permitted		0.842			0.990			0.727			0.886	
Satd. Flow (perm)	0	1394	0	0	1814	0	0	1268	0	0	1512	0
Right Turn on Red			Yes			Yes			No			Yes
Satd. Flow (RTOR)		25			14						17	
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		299			432			438			399	
Travel Time (s)		5.8			8.4			8.5			7.8	
Confl. Peds. (#/hr)	1					1	4					4
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	3%	1%	1%	0%	1%	6%	1%	2%	20%	3%	1%	2%
Adj. Flow (vph)	60	254	115	6	272	71	77	104	5	75	187	64
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	429	0	0	349	0	0	186	0	0	326	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.12	1.12	1.12	0.98	0.98	0.98	1.08	1.08	1.08	1.08	1.08	1.08
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	1		1	1	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	35		20	35	
Trailing Detector (ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	20	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	pm+pt	NA		Perm	NA		Perm	NA		pm+pt	NA	
Protected Phases	3	8			4			6		5	2	
Permitted Phases	8			4			6			2		
Detector Phase	3	8		4	4		6	6		5	2	
Switch Phase												
Minimum Initial (s)	3.0	10.0		10.0	10.0		12.0	12.0		3.0	12.0	
Minimum Split (s)	9.0	16.0		16.0	16.0		18.0	18.0		9.0	18.0	
Total Split (s)	13.0	46.0		33.0	33.0		35.0	35.0		13.0	48.0	
Total Split (%)	13.8%	48.9%		35.1%	35.1%		37.2%	37.2%		13.8%	51.1%	
Maximum Green (s)	7.0	40.0		27.0	27.0		29.0	29.0		7.0	42.0	
Yellow Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		5.0			5.0			5.0			5.0	
Lead/Lag	Lead			Lag	Lag		Lag	Lag		Lead		
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	None		None	None		None	None		Max	None	
Act Effct Green (s)		32.9			19.7			17.8			31.0	
Actuated g/C Ratio		0.44			0.27			0.24			0.42	
v/c Ratio		0.65			0.71			0.61			0.49	
Control Delay		20.7			32.8			35.4			18.4	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		20.7			32.8			35.4			18.4	
LOS		C			C			D			B	
Approach Delay		20.7			32.8			35.4			18.4	
Approach LOS		C			C			D			B	
Queue Length 50th (ft)		127			134			75			97	
Queue Length 95th (ft)		256			253			155			191	
Internal Link Dist (ft)		219			352			358			319	
Turn Bay Length (ft)												
Base Capacity (vph)		823			706			522			920	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.52			0.49			0.36			0.35	

Intersection Summary			
Area Type:	Other		
Cycle Length: 94			
Actuated Cycle Length: 74.1			
Natural Cycle: 60			
Control Type: Semi Act-Uncoord			
Maximum v/c Ratio: 0.71			
Intersection Signal Delay: 25.5		Intersection LOS: C	
Intersection Capacity Utilization 76.6%		ICU Level of Service D	
Analysis Period (min) 15			

Splits and Phases: 4: Fox Chase Road & Cedar Road



Appendix H

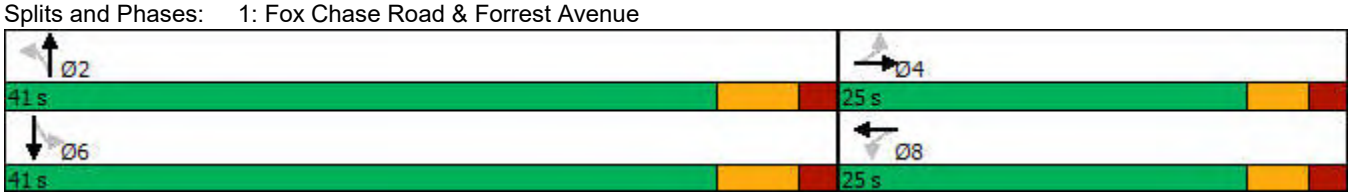
2029 Future without Development Capacity / LOS Analysis Worksheets

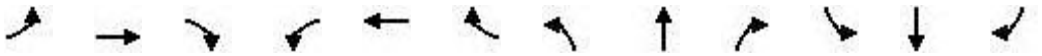
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	14	57	71	13	5	44	175	36	2	135	15
Future Volume (vph)	13	14	57	71	13	5	44	175	36	2	135	15
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	13	13	13	15	15	15	12	12	12	15	15	15
Grade (%)		2%			-1%			-2%			1%	
Lane Util. Factor	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 Factor		1.00			1.00							
Frt		0.909			0.992			0.981			0.986	
Flt Protected		0.993			0.962			0.991			0.999	
Satd. Flow (prot)	0	1569	0	0	1776	0	0	1644	0	0	1758	0
Flt Permitted		0.941			0.792			0.934			0.998	
Satd. Flow (perm)	0	1486	0	0	1462	0	0	1549	0	0	1756	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		63			5			20			13	
Link Speed (mph)		25			25			35			35	
Link Distance (ft)		345			428			876			325	
Travel Time (s)		9.4			11.7			17.1			6.3	
Confl. Peds. (#/hr)	2					2						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	0%	7%	7%	7%	0%	20%	10%	7%	7%	50%	8%	27%
Adj. Flow (vph)	14	16	63	79	14	6	49	194	40	2	150	17
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	93	0	0	99	0	0	283	0	0	169	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.04	1.04	1.04	0.94	0.94	0.94	1.06	1.06	1.06	0.95	0.95	0.95
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	0		1	0	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	0		20	0	
Trailing Detector (ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Position(ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Size(ft)	20	40		20	40		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	12.0	12.0		12.0	12.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0		25.0	25.0		41.0	41.0		41.0	41.0	
Total Split (%)	37.9%	37.9%		37.9%	37.9%		62.1%	62.1%		62.1%	62.1%	
Maximum Green (s)	20.0	20.0		20.0	20.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 66	
Actuated Cycle Length: 56.2	
Natural Cycle: 40	
Control Type: Semi Act-Uncoord	

Splits and Phases: 1: Fox Chase Road & Forrest Avenue





Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	14	57	71	13	5	44	175	36	2	135	15
Future Volume (veh/h)	13	14	57	71	13	5	44	175	36	2	135	15
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.99	0.99		0.99	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	1849	1747	1747	1807	1911	1615	1732	1775	1775	1136	1749	1472
Adj Flow Rate, veh/h	14	16	63	79	14	6	49	194	40	2	150	17
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	0	7	7	7	0	20	10	7	7	50	8	27
Cap, veh/h	97	52	147	291	49	14	219	817	157	71	1055	118
Arrive On Green	0.13	0.14	0.13	0.13	0.14	0.13	0.67	0.68	0.67	0.67	0.68	0.67
Sat Flow, veh/h	128	358	1022	1165	342	97	203	1193	230	3	1541	173
Grp Volume(v), veh/h	93	0	0	99	0	0	283	0	0	169	0	0
Grp Sat Flow(s),veh/h/ln	1508	0	0	1605	0	0	1625	0	0	1716	0	0
Q Serve(g_s), s	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	2.9	0.0	0.0	2.6	0.0	0.0	3.3	0.0	0.0	1.8	0.0	0.0
Prop In Lane	0.15		0.68	0.80		0.06	0.17		0.14	0.01		0.10
Lane Grp Cap(c), veh/h	267	0	0	324	0	0	1162	0	0	1212	0	0
V/C Ratio(X)	0.35	0.00	0.00	0.31	0.00	0.00	0.24	0.00	0.00	0.14	0.00	0.00
Avail Cap(c_a), veh/h	645	0	0	685	0	0	1162	0	0	1212	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	20.9	0.0	0.0	20.8	0.0	0.0	3.2	0.0	0.0	2.9	0.0	0.0
Incr Delay (d2), s/veh	0.8	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0
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(95%),veh/ln	1.9	0.0	0.0	2.0	0.0	0.0	1.4	0.0	0.0	0.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	21.7	0.0	0.0	21.3	0.0	0.0	3.7	0.0	0.0	3.2	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		93			99			283			169	
Approach Delay, s/veh		21.7			21.3			3.7			3.2	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	41.0	11.6	41.0	11.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	35.0	20.0	35.0	20.0
Max Q Clear Time (g_c+I1), s	0.0	4.9	0.0	4.6
Green Ext Time (p_c), s	0.0	0.2	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	8.9
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

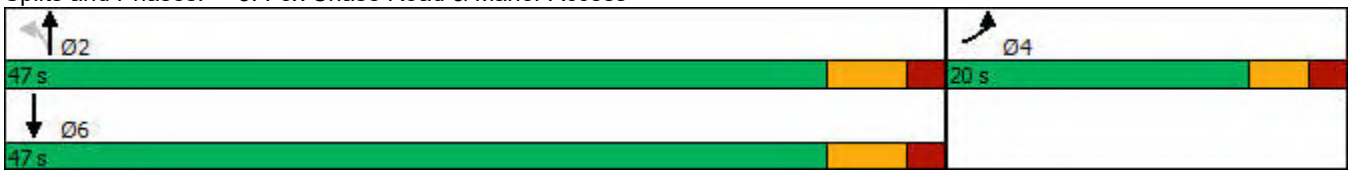


Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	1	2	18	254	248	15
Future Volume (vph)	1	2	18	254	248	15
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800
Lane Width (ft)	15	15	14	14	13	13
Grade (%)	3%			2%	0%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor	1.00			1.00	1.00	
Frt	0.910				0.992	
Flt Protected	0.984			0.997		
Satd. Flow (prot)	1746	0	0	1779	1714	0
Flt Permitted	0.984			0.976		
Satd. Flow (perm)	1744	0	0	1741	1714	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	2				9	
Link Speed (mph)	30			35	35	
Link Distance (ft)	250			379	876	
Travel Time (s)	5.7			7.4	17.1	
Confl. Peds. (#/hr)	2		1			1
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles (%)	0%	0%	0%	7%	8%	0%
Adj. Flow (vph)	1	2	19	273	267	16
Shared Lane Traffic (%)						
Lane Group Flow (vph)	3	0	0	292	283	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	15			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	0.97	0.97	1.00	1.00	1.03	1.03
Turning Speed (mph)	15	9	15			9
Number of Detectors	3		1	2	2	
Detector Template			Left			
Leading Detector (ft)	40		20	256	255	
Trailing Detector (ft)	-3		0	0	0	
Detector 1 Position(ft)	-3		0	0	0	
Detector 1 Size(ft)	6		20	6	5	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	5.0	
Detector 2 Position(ft)	13			250	250	
Detector 2 Size(ft)	6			6	5	
Detector 2 Type	Cl+Ex			Cl+Ex	Cl+Ex	
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0	0.0	
Detector 3 Position(ft)	34					
Detector 3 Size(ft)	6					
Detector 3 Type	Cl+Ex					
Detector 3 Channel						
Detector 3 Extend (s)	0.0					
Turn Type	Prot		Perm	NA	NA	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Protected Phases	4			2	6	
Permitted Phases			2			
Detector Phase	4		2	2	6	
Switch Phase						
Minimum Initial (s)	3.0		15.0	15.0	15.0	
Minimum Split (s)	8.0		21.0	21.0	24.0	
Total Split (s)	20.0		47.0	47.0	47.0	
Total Split (%)	29.9%		70.1%	70.1%	70.1%	
Maximum Green (s)	15.0		41.0	41.0	41.0	
Yellow Time (s)	3.0		4.0	4.0	4.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lost Time Adjust (s)	-1.0			-1.0	-1.0	
Total Lost Time (s)	4.0			5.0	5.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		4.0	4.0	4.0	
Minimum Gap (s)	3.0		2.0	2.0	2.0	
Time Before Reduce (s)	0.0		26.0	26.0	26.0	
Time To Reduce (s)	0.0		10.0	10.0	10.0	
Recall Mode	None		Max	Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 67	
Actuated Cycle Length: 64.2	
Natural Cycle: 40	
Control Type: Actuated-Uncoordinated	

Splits and Phases: 3: Fox Chase Road & Manor Access





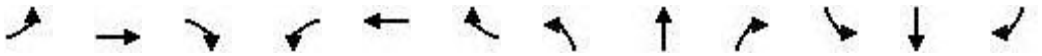
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	1	2	18	254	248	15
Future Volume (veh/h)	1	2	18	254	248	15
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	0.98	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1820	1820	1849	1747	1755	1872
Adj Flow Rate, veh/h	1	2	19	273	267	16
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	0	0	0	7	8	0
Cap, veh/h	9	18	115	1335	1320	79
Arrive On Green	0.02	0.00	0.79	0.81	0.81	0.79
Sat Flow, veh/h	409	818	52	1658	1639	98
Grp Volume(v), veh/h	4	0	292	0	0	283
Grp Sat Flow(s),veh/h/ln	1635	0	1710	0	0	1737
Q Serve(g_s), s	0.1	0.0	0.0	0.0	0.0	2.0
Cycle Q Clear(g_c), s	0.1	0.0	2.1	0.0	0.0	2.0
Prop In Lane	0.25	0.50	0.07			0.06
Lane Grp Cap(c), veh/h	37	0	1417	0	0	1399
V/C Ratio(X)	0.11	0.00	0.21	0.00	0.00	0.20
Avail Cap(c_a), veh/h	501	0	1417	0	0	1399
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	25.2	0.0	1.2	0.0	0.0	1.2
Incr Delay (d2), s/veh	1.3	0.0	0.3	0.0	0.0	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	0.1	0.0	0.2	0.0	0.0	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	26.5	0.0	1.5	0.0	0.0	1.5
LnGrp LOS	C	A	A	A	A	A
Approach Vol, veh/h	4			292	283	
Approach Delay, s/veh	26.5			1.5	1.5	
Approach LOS	C			A	A	

Timer - Assigned Phs		2		4		6
Phs Duration (G+Y+Rc), s		47.0		5.2		47.0
Change Period (Y+Rc), s		6.0		5.0		6.0
Max Green Setting (Gmax), s		41.0		15.0		41.0
Max Q Clear Time (g_c+I1), s		4.1		2.6		4.0
Green Ext Time (p_c), s		5.7		0.0		5.5

Intersection Summary	
HCM 6th Ctrl Delay	1.7
HCM 6th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.

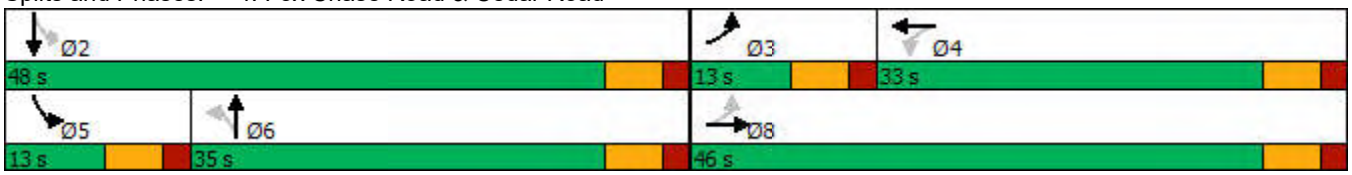


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	70	206	82	3	246	65	86	126	7	42	124	94
Future Volume (vph)	70	206	82	3	246	65	86	126	7	42	124	94
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	11	11	11	14	14	14	12	12	12	12	12	12
Grade (%)		0%			-1%			1%			1%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.969			0.972			0.996			0.951	
Flt Protected		0.990						0.981			0.992	
Satd. Flow (prot)	0	1565	0	0	1790	0	0	1670	0	0	1560	0
Flt Permitted		0.748			0.996			0.756			0.939	
Satd. Flow (perm)	0	1183	0	0	1783	0	0	1287	0	0	1477	0
Right Turn on Red			Yes			Yes			No			Yes
Satd. Flow (RTOR)		20			14						40	
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		299			432			438			399	
Travel Time (s)		5.8			8.4			8.5			7.8	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	18%	5%	1%	67%	4%	5%	7%	2%	29%	15%	4%	11%
Adj. Flow (vph)	74	217	86	3	259	68	91	133	7	44	131	99
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	377	0	0	330	0	0	231	0	0	274	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.12	1.12	1.12	0.98	0.98	0.98	1.08	1.08	1.08	1.08	1.08	1.08
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	1		1	1	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	35		20	35	
Trailing Detector (ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	20	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	pm+pt	NA		Perm	NA		Perm	NA		pm+pt	NA	
Protected Phases	3	8			4			6		5	2	
Permitted Phases	8			4			6			2		
Detector Phase	3	8		4	4		6	6		5	2	
Switch Phase												
Minimum Initial (s)	3.0	10.0		10.0	10.0		12.0	12.0		3.0	12.0	
Minimum Split (s)	9.0	16.0		16.0	16.0		18.0	18.0		9.0	18.0	
Total Split (s)	13.0	46.0		33.0	33.0		35.0	35.0		13.0	48.0	
Total Split (%)	13.8%	48.9%		35.1%	35.1%		37.2%	37.2%		13.8%	51.1%	
Maximum Green (s)	7.0	40.0		27.0	27.0		29.0	29.0		7.0	42.0	
Yellow Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Lost Time (s)		5.0			5.0			5.0			5.0	
Lead/Lag	Lead			Lag	Lag		Lag	Lag		Lead		
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	None		None	None		None	None		Max	None	
Act Effct Green (s)		32.9			19.6			20.1			33.4	
Actuated g/C Ratio		0.43			0.26			0.26			0.44	
v/c Ratio		0.67			0.71			0.68			0.41	
Control Delay		23.8			34.4			37.2			15.1	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		23.8			34.4			37.2			15.1	
LOS		C			C			D			B	
Approach Delay		23.8			34.4			37.2			15.1	
Approach LOS		C			C			D			B	
Queue Length 50th (ft)		119			133			97			70	
Queue Length 95th (ft)		242			253			192			149	
Internal Link Dist (ft)		219			352			358			319	
Turn Bay Length (ft)												
Base Capacity (vph)		698			675			515			874	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.54			0.49			0.45			0.31	

Intersection Summary			
Area Type:	Other		
Cycle Length: 94			
Actuated Cycle Length: 76.6			
Natural Cycle: 60			
Control Type: Semi Act-Uncoord			
Maximum v/c Ratio: 0.71			
Intersection Signal Delay: 27.3		Intersection LOS: C	
Intersection Capacity Utilization 77.0%		ICU Level of Service D	
Analysis Period (min) 15			

Splits and Phases: 4: Fox Chase Road & Cedar Road



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	4	25	94	47	20	3	37	135	40	5	175	7
Future Volume (vph)	4	25	94	47	20	3	37	135	40	5	175	7
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	13	13	13	15	15	15	12	12	12	15	15	15
Grade (%)		2%			-1%			-2%			1%	
Lane Util. Factor	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 Factor		1.00			1.00			1.00			1.00	
Frt		0.897			0.994			0.975			0.995	
Flt Protected		0.998			0.968			0.991			0.999	
Satd. Flow (prot)	0	1588	0	0	1913	0	0	1697	0	0	1921	0
Flt Permitted		0.989			0.731			0.936			0.994	
Satd. Flow (perm)	0	1573	0	0	1444	0	0	1602	0	0	1911	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		97			3			25			4	
Link Speed (mph)		25			25			35			35	
Link Distance (ft)		345			428			876			325	
Travel Time (s)		9.4			11.7			17.1			6.3	
Confl. Peds. (#/hr)	4					4	2					2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	0%	0%	5%	0%	0%	0%	8%	1%	8%	0%	2%	0%
Adj. Flow (vph)	4	26	97	48	21	3	38	139	41	5	180	7
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	127	0	0	72	0	0	218	0	0	192	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.04	1.04	1.04	0.94	0.94	0.94	1.06	1.06	1.06	0.95	0.95	0.95
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	0		1	0	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	0		20	0	
Trailing Detector (ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Position(ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Size(ft)	20	40		20	40		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	12.0	12.0		12.0	12.0		21.0	21.0		21.0	21.0	
Total Split (s)	29.0	29.0		29.0	29.0		41.0	41.0		41.0	41.0	
Total Split (%)	41.4%	41.4%		41.4%	41.4%		58.6%	58.6%		58.6%	58.6%	
Maximum Green (s)	24.0	24.0		24.0	24.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 70	
Actuated Cycle Length: 54.9	
Natural Cycle: 40	
Control Type: Semi Act-Uncoord	

Splits and Phases: 1: Fox Chase Road & Forrest Avenue



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	4	25	94	47	20	3	37	135	40	5	175	7
Future Volume (veh/h)	4	25	94	47	20	3	37	135	40	5	175	7
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.98	0.99		0.98	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	1849	1849	1776	1911	1911	1911	1761	1860	1761	1866	1837	1866
Adj Flow Rate, veh/h	4	26	97	48	21	3	38	139	41	5	180	7
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	0	0	5	0	0	0	8	1	8	0	2	0
Cap, veh/h	74	52	177	249	98	10	225	790	217	77	1193	45
Arrive On Green	0.13	0.14	0.13	0.13	0.14	0.13	0.67	0.68	0.67	0.67	0.68	0.67
Sat Flow, veh/h	22	356	1221	936	677	70	212	1155	317	10	1743	66
Grp Volume(v), veh/h	127	0	0	72	0	0	218	0	0	192	0	0
Grp Sat Flow(s),veh/h/ln	1599	0	0	1682	0	0	1683	0	0	1819	0	0
Q Serve(g_s), s	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	3.9	0.0	0.0	1.8	0.0	0.0	2.3	0.0	0.0	2.0	0.0	0.0
Prop In Lane	0.03		0.76	0.67		0.04	0.17		0.19	0.03		0.04
Lane Grp Cap(c), veh/h	272	0	0	326	0	0	1200	0	0	1280	0	0
V/C Ratio(X)	0.47	0.00	0.00	0.22	0.00	0.00	0.18	0.00	0.00	0.15	0.00	0.00
Avail Cap(c_a), veh/h	797	0	0	799	0	0	1200	0	0	1280	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	21.3	0.0	0.0	20.3	0.0	0.0	3.1	0.0	0.0	2.9	0.0	0.0
Incr Delay (d2), s/veh	1.2	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0
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(95%),veh/ln	2.7	0.0	0.0	1.4	0.0	0.0	1.0	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	22.5	0.0	0.0	20.7	0.0	0.0	3.4	0.0	0.0	3.2	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		127			72			218			192	
Approach Delay, s/veh		22.5			20.7			3.4			3.2	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	41.0	11.6	41.0	11.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	35.0	24.0	35.0	24.0
Max Q Clear Time (g_c+I1), s	0.0	5.9	0.0	3.8
Green Ext Time (p_c), s	0.0	0.4	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	9.4
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

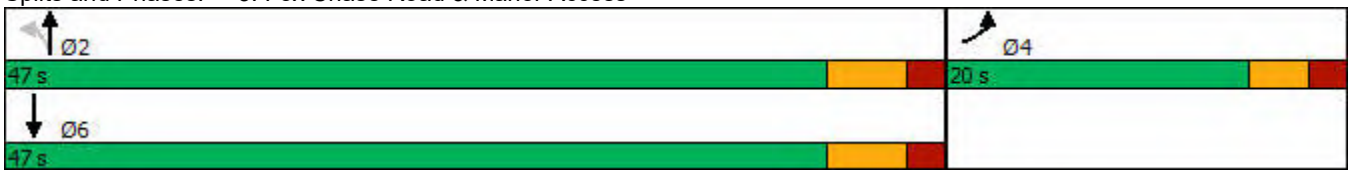


Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	13	25	6	199	316	0
Future Volume (vph)	13	25	6	199	316	0
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800
Lane Width (ft)	15	15	14	14	13	13
Grade (%)	3%			2%	0%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor				1.00		
Frt	0.910					
Flt Protected	0.984			0.999		
Satd. Flow (prot)	1746	0	0	1828	1806	0
Flt Permitted	0.984			0.992		
Satd. Flow (perm)	1746	0	0	1815	1806	0
Right Turn on Red		Yes				Yes
Satd. Flow (RTOR)	26					
Link Speed (mph)	30			35	35	
Link Distance (ft)	250			379	876	
Travel Time (s)	5.7			7.4	17.1	
Confl. Peds. (#/hr)			1			1
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	0%	0%	0%	4%	3%	0%
Adj. Flow (vph)	13	26	6	205	326	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	39	0	0	211	326	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(ft)	15			0	0	
Link Offset(ft)	0			0	0	
Crosswalk Width(ft)	16			16	16	
Two way Left Turn Lane						
Headway Factor	0.97	0.97	1.00	1.00	1.03	1.03
Turning Speed (mph)	15	9	15			9
Number of Detectors	3		1	2	2	
Detector Template			Left			
Leading Detector (ft)	40		20	256	255	
Trailing Detector (ft)	-3		0	0	0	
Detector 1 Position(ft)	-3		0	0	0	
Detector 1 Size(ft)	6		20	6	5	
Detector 1 Type	Cl+Ex		Cl+Ex	Cl+Ex	Cl+Ex	
Detector 1 Channel						
Detector 1 Extend (s)	0.0		0.0	0.0	0.0	
Detector 1 Queue (s)	0.0		0.0	0.0	0.0	
Detector 1 Delay (s)	0.0		0.0	0.0	5.0	
Detector 2 Position(ft)	13			250	250	
Detector 2 Size(ft)	6			6	5	
Detector 2 Type	Cl+Ex			Cl+Ex	Cl+Ex	
Detector 2 Channel						
Detector 2 Extend (s)	0.0			0.0	0.0	
Detector 3 Position(ft)	34					
Detector 3 Size(ft)	6					
Detector 3 Type	Cl+Ex					
Detector 3 Channel						
Detector 3 Extend (s)	0.0					
Turn Type	Prot		Perm	NA	NA	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Protected Phases	4			2	6	
Permitted Phases			2			
Detector Phase	4		2	2	6	
Switch Phase						
Minimum Initial (s)	3.0		15.0	15.0	15.0	
Minimum Split (s)	8.0		21.0	21.0	21.0	
Total Split (s)	20.0		47.0	47.0	47.0	
Total Split (%)	29.9%		70.1%	70.1%	70.1%	
Maximum Green (s)	15.0		41.0	41.0	41.0	
Yellow Time (s)	3.0		4.0	4.0	4.0	
All-Red Time (s)	2.0		2.0	2.0	2.0	
Lost Time Adjust (s)	-1.0			-1.0	-1.0	
Total Lost Time (s)	4.0			5.0	5.0	
Lead/Lag						
Lead-Lag Optimize?						
Vehicle Extension (s)	3.0		4.0	4.0	4.0	
Minimum Gap (s)	3.0		2.0	2.0	2.0	
Time Before Reduce (s)	0.0		26.0	26.0	26.0	
Time To Reduce (s)	0.0		10.0	10.0	10.0	
Recall Mode	None		Max	Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 67	
Actuated Cycle Length: 60.9	
Natural Cycle: 40	
Control Type: Actuated-Uncoordinated	

Splits and Phases: 3: Fox Chase Road & Manor Access



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	59	252	115	6	270	71	77	103	5	75	185	63
Future Volume (vph)	59	252	115	6	270	71	77	103	5	75	185	63
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	11	11	11	14	14	14	12	12	12	12	12	12
Grade (%)		0%			-1%			1%			1%	
Lane Util. Factor	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 Factor		1.00			1.00			1.00			1.00	
Frt		0.963			0.972			0.996			0.974	
Flt Protected		0.993			0.999			0.980			0.989	
Satd. Flow (prot)	0	1643	0	0	1829	0	0	1713	0	0	1689	0
Flt Permitted		0.834			0.990			0.723			0.882	
Satd. Flow (perm)	0	1380	0	0	1812	0	0	1262	0	0	1506	0
Right Turn on Red			Yes			Yes			No			Yes
Satd. Flow (RTOR)		25			14						17	
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		299			432			438			399	
Travel Time (s)		5.8			8.4			8.5			7.8	
Confl. Peds. (#/hr)	1					1	4					4
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	3%	1%	1%	0%	1%	6%	1%	2%	20%	3%	1%	2%
Adj. Flow (vph)	61	260	119	6	278	73	79	106	5	77	191	65
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	440	0	0	357	0	0	190	0	0	333	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.12	1.12	1.12	0.98	0.98	0.98	1.08	1.08	1.08	1.08	1.08	1.08
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	1		1	1	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	35		20	35	
Trailing Detector (ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	20	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	pm+pt	NA		Perm	NA		Perm	NA		pm+pt	NA	
Protected Phases	3	8			4			6		5	2	
Permitted Phases	8			4			6			2		
Detector Phase	3	8		4	4		6	6		5	2	
Switch Phase												
Minimum Initial (s)	3.0	10.0		10.0	10.0		12.0	12.0		3.0	12.0	
Minimum Split (s)	9.0	16.0		16.0	16.0		18.0	18.0		9.0	18.0	
Total Split (s)	13.0	46.0		33.0	33.0		35.0	35.0		13.0	48.0	
Total Split (%)	13.8%	48.9%		35.1%	35.1%		37.2%	37.2%		13.8%	51.1%	
Maximum Green (s)	7.0	40.0		27.0	27.0		29.0	29.0		7.0	42.0	
Yellow Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		5.0			5.0			5.0			5.0	
Lead/Lag	Lead			Lag	Lag		Lag	Lag		Lead		
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	None		None	None		None	None		Max	None	
Act Effct Green (s)		33.2			20.0			18.1			31.4	
Actuated g/C Ratio		0.44			0.27			0.24			0.42	
v/c Ratio		0.67			0.72			0.62			0.50	
Control Delay		21.7			33.5			35.8			18.7	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		21.7			33.5			35.8			18.7	
LOS		C			C			D			B	
Approach Delay		21.7			33.5			35.8			18.7	
Approach LOS		C			C			D			B	
Queue Length 50th (ft)		134			140			78			101	
Queue Length 95th (ft)		268			263			158			195	
Internal Link Dist (ft)		219			352			358			319	
Turn Bay Length (ft)												
Base Capacity (vph)		810			699			515			908	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.54			0.51			0.37			0.37	

Intersection Summary			
Area Type:	Other		
Cycle Length: 94			
Actuated Cycle Length: 74.8			
Natural Cycle: 60			
Control Type: Semi Act-Uncoord			
Maximum v/c Ratio: 0.72			
Intersection Signal Delay: 26.2		Intersection LOS: C	
Intersection Capacity Utilization 78.1%		ICU Level of Service D	
Analysis Period (min) 15			

Splits and Phases: 4: Fox Chase Road & Cedar Road





Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (veh/h)	13	25	6	199	316	0
Future Volume (veh/h)	13	25	6	199	316	0
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00	1.00			1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1820	1820	1849	1790	1828	1872
Adj Flow Rate, veh/h	13	26	6	205	326	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	0	0	0	4	3	0
Cap, veh/h	27	53	79	1382	1429	0
Arrive On Green	0.05	0.03	0.76	0.78	0.78	0.00
Sat Flow, veh/h	522	1044	13	1768	1828	0
Grp Volume(v), veh/h	40	0	211	0	326	0
Grp Sat Flow(s),veh/h/ln	1606	0	1780	0	1828	0
Q Serve(g_s), s	1.3	0.0	0.0	0.0	2.5	0.0
Cycle Q Clear(g_c), s	1.3	0.0	1.6	0.0	2.5	0.0
Prop In Lane	0.32	0.65	0.03			0.00
Lane Grp Cap(c), veh/h	82	0	1427	0	1429	0
V/C Ratio(X)	0.49	0.00	0.15	0.00	0.23	0.00
Avail Cap(c_a), veh/h	478	0	1427	0	1429	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	0.00	1.00	0.00
Uniform Delay (d), s/veh	25.1	0.0	1.5	0.0	1.6	0.0
Incr Delay (d2), s/veh	4.5	0.0	0.2	0.0	0.4	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	1.0	0.0	0.3	0.0	0.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	29.6	0.0	1.7	0.0	1.9	0.0
LnGrp LOS	C	A	A	A	A	A
Approach Vol, veh/h	40			211	326	
Approach Delay, s/veh	29.6			1.7	1.9	
Approach LOS	C			A	A	

Timer - Assigned Phs	2		4		6
Phs Duration (G+Y+Rc), s	47.0		6.7		47.0
Change Period (Y+Rc), s	6.0		5.0		6.0
Max Green Setting (Gmax), s	41.0		15.0		41.0
Max Q Clear Time (g_c+I1), s	3.6		3.8		5.0
Green Ext Time (p_c), s	3.9		0.1		6.3

Intersection Summary	
HCM 6th Ctrl Delay	3.8
HCM 6th LOS	A

Notes

User approved volume balancing among the lanes for turning movement.

Appendix I

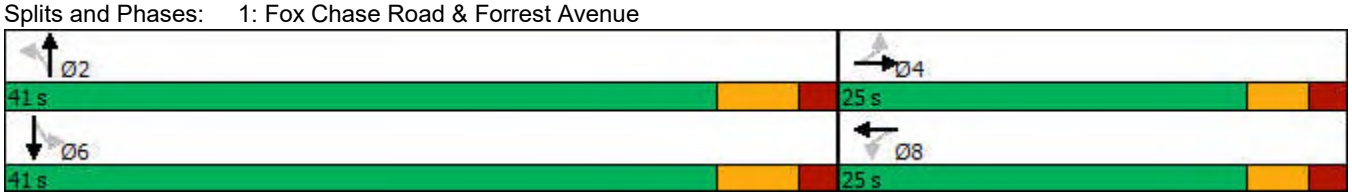
2029 Future with Development Capacity / LOS Analysis Worksheets

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	14	57	72	13	5	46	180	38	2	138	15
Future Volume (vph)	13	14	57	72	13	5	46	180	38	2	138	15
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	13	13	13	15	15	15	12	12	12	15	15	15
Grade (%)		2%			-1%			-2%			1%	
Lane Util. Factor	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 Factor		1.00			1.00							
Frt		0.909			0.992			0.981			0.987	
Flt Protected		0.993			0.962			0.991			0.999	
Satd. Flow (prot)	0	1569	0	0	1776	0	0	1644	0	0	1760	0
Flt Permitted		0.942			0.792			0.932			0.998	
Satd. Flow (perm)	0	1488	0	0	1462	0	0	1546	0	0	1758	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		63			5			20			13	
Link Speed (mph)		25			25			35			35	
Link Distance (ft)		345			428			876			325	
Travel Time (s)		9.4			11.7			17.1			6.3	
Confl. Peds. (#/hr)	2					2						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles (%)	0%	7%	7%	7%	0%	20%	10%	7%	7%	50%	8%	27%
Adj. Flow (vph)	14	16	63	80	14	6	51	200	42	2	153	17
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	93	0	0	100	0	0	293	0	0	172	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.04	1.04	1.04	0.94	0.94	0.94	1.06	1.06	1.06	0.95	0.95	0.95
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	0		1	0	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	0		20	0	
Trailing Detector (ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Position(ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Size(ft)	20	40		20	40		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	12.0	12.0		12.0	12.0		21.0	21.0		21.0	21.0	
Total Split (s)	25.0	25.0		25.0	25.0		41.0	41.0		41.0	41.0	
Total Split (%)	37.9%	37.9%		37.9%	37.9%		62.1%	62.1%		62.1%	62.1%	
Maximum Green (s)	20.0	20.0		20.0	20.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 66	
Actuated Cycle Length: 56.2	
Natural Cycle: 40	
Control Type: Semi Act-Uncoord	

Splits and Phases: 1: Fox Chase Road & Forrest Avenue



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	14	57	72	13	5	46	180	38	2	138	15
Future Volume (veh/h)	13	14	57	72	13	5	46	180	38	2	138	15
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.99	0.99		0.99	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	1849	1747	1747	1807	1911	1615	1732	1775	1775	1136	1749	1472
Adj Flow Rate, veh/h	14	16	63	80	14	6	51	200	42	2	153	17
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	0	7	7	7	0	20	10	7	7	50	8	27
Cap, veh/h	97	52	147	292	49	14	220	813	159	71	1057	116
Arrive On Green	0.13	0.14	0.13	0.13	0.14	0.13	0.67	0.68	0.67	0.67	0.68	0.67
Sat Flow, veh/h	128	358	1022	1169	339	96	204	1187	233	3	1544	170
Grp Volume(v), veh/h	93	0	0	100	0	0	293	0	0	172	0	0
Grp Sat Flow(s),veh/h/ln	1508	0	0	1604	0	0	1623	0	0	1717	0	0
Q Serve(g_s), s	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	2.9	0.0	0.0	2.6	0.0	0.0	3.5	0.0	0.0	1.9	0.0	0.0
Prop In Lane	0.15		0.68	0.80		0.06	0.17		0.14	0.01		0.10
Lane Grp Cap(c), veh/h	268	0	0	324	0	0	1161	0	0	1212	0	0
V/C Ratio(X)	0.35	0.00	0.00	0.31	0.00	0.00	0.25	0.00	0.00	0.14	0.00	0.00
Avail Cap(c_a), veh/h	645	0	0	685	0	0	1161	0	0	1212	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	20.9	0.0	0.0	20.8	0.0	0.0	3.2	0.0	0.0	2.9	0.0	0.0
Incr Delay (d2), s/veh	0.8	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.2	0.0	0.0
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(95%),veh/ln	1.9	0.0	0.0	2.1	0.0	0.0	1.5	0.0	0.0	0.8	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	21.7	0.0	0.0	21.3	0.0	0.0	3.7	0.0	0.0	3.2	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		93			100			293			172	
Approach Delay, s/veh		21.7			21.3			3.7			3.2	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	41.0	11.6	41.0	11.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	35.0	20.0	35.0	20.0
Max Q Clear Time (g_c+I1), s	0.0	4.9	0.0	4.6
Green Ext Time (p_c), s	0.0	0.2	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	8.8
HCM 6th LOS	A

Notes

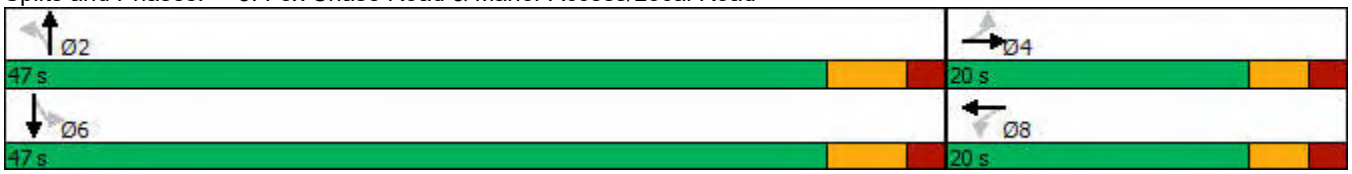
User approved pedestrian interval to be less than phase max green.

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	1	0	2	27	0	9	18	254	13	4	248	15
Future Volume (vph)	1	0	2	27	0	9	18	254	13	4	248	15
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	15	15	15	16	16	16	14	14	14	13	13	13
Grade (%)		3%			0%			2%			0%	
Lane Util. Factor	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 Factor		1.00						1.00			1.00	
Frt		0.910			0.965			0.994			0.992	
Flt Protected		0.984			0.964			0.997			0.999	
Satd. Flow (prot)	0	1746	0	0	1861	0	0	1771	0	0	1713	0
Flt Permitted		0.874			0.942			0.977			0.997	
Satd. Flow (perm)	0	1549	0	0	1818	0	0	1736	0	0	1710	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		49			49			7			9	
Link Speed (mph)		30			25			35			35	
Link Distance (ft)		250			253			379			876	
Travel Time (s)		5.7			6.9			7.4			17.1	
Confl. Peds. (#/hr)	2						1					1
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles (%)	0%	2%	0%	2%	2%	2%	0%	7%	2%	2%	8%	0%
Adj. Flow (vph)	1	0	2	29	0	10	19	273	14	4	267	16
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	3	0	0	39	0	0	306	0	0	287	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			10			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	0.97	0.97	0.97	0.91	0.91	0.91	1.00	1.00	1.00	1.03	1.03	1.03
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	3	1		1	1		1	2		1	2	
Detector Template				Left			Left			Left		
Leading Detector (ft)	40	35		20	35		20	236		20	236	
Trailing Detector (ft)	-3	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	-3	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	6	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	5.0	
Detector 2 Position(ft)	13							230			230	
Detector 2 Size(ft)	6							6			6	
Detector 2 Type	Cl+Ex							Extend			Extend	
Detector 2 Channel												
Detector 2 Extend (s)	0.0							0.0			0.0	
Detector 3 Position(ft)	34											
Detector 3 Size(ft)	6											
Detector 3 Type	Cl+Ex											
Detector 3 Channel												
Detector 3 Extend (s)	0.0											
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	3.0	3.0		3.0	3.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	8.0	8.0		8.0	8.0		21.0	21.0		21.0	21.0	
Total Split (s)	20.0	20.0		20.0	20.0		47.0	47.0		47.0	47.0	
Total Split (%)	29.9%	29.9%		29.9%	29.9%		70.1%	70.1%		70.1%	70.1%	
Maximum Green (s)	15.0	15.0		15.0	15.0		41.0	41.0		41.0	41.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	
Minimum Gap (s)	3.0	3.0		3.0	3.0		2.0	2.0		2.0	2.0	
Time Before Reduce (s)	0.0	0.0		0.0	0.0		26.0	26.0		26.0	26.0	
Time To Reduce (s)	0.0	0.0		0.0	0.0		10.0	10.0		10.0	10.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 67	
Actuated Cycle Length: 60.7	
Natural Cycle: 40	
Control Type: Actuated-Uncoordinated	

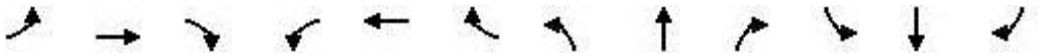
Splits and Phases: 3: Fox Chase Road & Manor Access/Local Road



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	1	0	2	27	0	9	18	254	13	4	248	15
Future Volume (veh/h)	1	0	2	27	0	9	18	254	13	4	248	15
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		0.98	0.97		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	1820	1791	1820	1843	1843	1843	1849	1747	1820	1843	1755	1872
Adj Flow Rate, veh/h	1	0	2	29	0	10	19	273	14	4	267	16
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	0	2	0	2	2	2	0	7	2	2	8	0
Cap, veh/h	114	0	49	172	0	19	109	1234	61	72	1281	76
Arrive On Green	0.05	0.00	0.03	0.03	0.00	0.03	0.77	0.78	0.77	0.77	0.78	0.77
Sat Flow, veh/h	515	0	1029	1137	0	392	48	1574	78	4	1633	97
Grp Volume(v), veh/h	3	0	0	39	0	0	306	0	0	287	0	0
Grp Sat Flow(s),veh/h/ln	1544	0	0	1529	0	0	1699	0	0	1735	0	0
Q Serve(g_s), s	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.1	0.0	0.0	1.3	0.0	0.0	2.5	0.0	0.0	2.3	0.0	0.0
Prop In Lane	0.33		0.67	0.74		0.26	0.06		0.05	0.01		0.06
Lane Grp Cap(c), veh/h	164	0	0	162	0	0	1372	0	0	1396	0	0
V/C Ratio(X)	0.02	0.00	0.00	0.24	0.00	0.00	0.22	0.00	0.00	0.21	0.00	0.00
Avail Cap(c_a), veh/h	524	0	0	514	0	0	1372	0	0	1396	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	24.6	0.0	0.0	25.4	0.0	0.0	1.5	0.0	0.0	1.5	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.8	0.0	0.0	0.4	0.0	0.0	0.3	0.0	0.0
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(95%),veh/ln	0.1	0.0	0.0	0.9	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	24.7	0.0	0.0	26.1	0.0	0.0	1.9	0.0	0.0	1.8	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		3			39			306			287	
Approach Delay, s/veh		24.7			26.1			1.9			1.8	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	47.0	6.6	47.0	6.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	41.0	15.0	41.0	15.0
Max Q Clear Time (g_c+I1), s	4.5	2.6	4.3	3.3
Green Ext Time (p_c), s	5.6	0.0	5.1	0.0

Intersection Summary	
HCM 6th Ctrl Delay	3.5
HCM 6th LOS	A

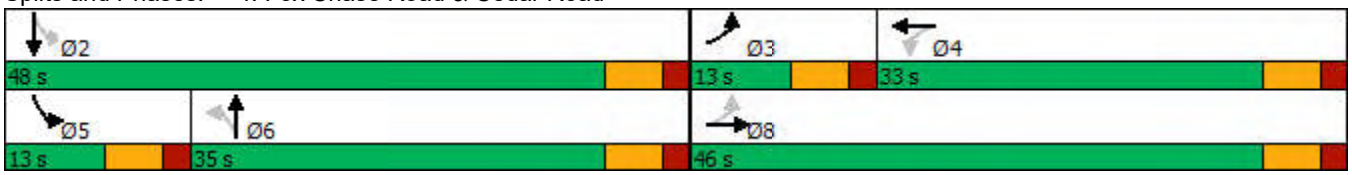


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	75	206	82	3	246	69	86	130	7	51	131	105
Future Volume (vph)	75	206	82	3	246	69	86	130	7	51	131	105
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	11	11	11	14	14	14	12	12	12	12	12	12
Grade (%)		0%			-1%			1%			1%	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.970			0.971			0.996			0.951	
Flt Protected		0.990						0.981			0.991	
Satd. Flow (prot)	0	1565	0	0	1788	0	0	1671	0	0	1555	0
Flt Permitted		0.721			0.996			0.748			0.918	
Satd. Flow (perm)	0	1140	0	0	1781	0	0	1274	0	0	1441	0
Right Turn on Red			Yes			Yes			No			Yes
Satd. Flow (RTOR)		20			15						41	
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		299			432			438			399	
Travel Time (s)		5.8			8.4			8.5			7.8	
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles (%)	18%	5%	1%	67%	4%	5%	7%	2%	29%	15%	4%	11%
Adj. Flow (vph)	79	217	86	3	259	73	91	137	7	54	138	111
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	382	0	0	335	0	0	235	0	0	303	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.12	1.12	1.12	0.98	0.98	0.98	1.08	1.08	1.08	1.08	1.08	1.08
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	1		1	1	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	35		20	35	
Trailing Detector (ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	20	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	pm+pt	NA		Perm	NA		Perm	NA		pm+pt	NA	
Protected Phases	3	8			4			6		5	2	
Permitted Phases	8			4			6			2		
Detector Phase	3	8		4	4		6	6		5	2	
Switch Phase												
Minimum Initial (s)	3.0	10.0		10.0	10.0		12.0	12.0		3.0	12.0	
Minimum Split (s)	9.0	16.0		16.0	16.0		18.0	18.0		9.0	18.0	
Total Split (s)	13.0	46.0		33.0	33.0		35.0	35.0		13.0	48.0	
Total Split (%)	13.8%	48.9%		35.1%	35.1%		37.2%	37.2%		13.8%	51.1%	
Maximum Green (s)	7.0	40.0		27.0	27.0		29.0	29.0		7.0	42.0	
Yellow Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Lost Time (s)		5.0			5.0			5.0			5.0	
Lead/Lag	Lead			Lag	Lag		Lag	Lag		Lead		
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	None		None	None		None	None		Max	None	
Act Effct Green (s)		33.3			20.0			20.6			33.9	
Actuated g/C Ratio		0.43			0.26			0.27			0.44	
v/c Ratio		0.70			0.71			0.70			0.46	
Control Delay		25.2			34.7			38.0			16.1	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		25.2			34.7			38.0			16.1	
LOS		C			C			D			B	
Approach Delay		25.2			34.7			38.0			16.1	
Approach LOS		C			C			D			B	
Queue Length 50th (ft)		123			137			100			82	
Queue Length 95th (ft)		245			256			196			167	
Internal Link Dist (ft)		219			352			358			319	
Turn Bay Length (ft)												
Base Capacity (vph)		672			669			505			849	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.57			0.50			0.47			0.36	

Intersection Summary			
Area Type:	Other		
Cycle Length: 94			
Actuated Cycle Length: 77.4			
Natural Cycle: 60			
Control Type: Semi Act-Uncoord			
Maximum v/c Ratio: 0.71			
Intersection Signal Delay: 27.9		Intersection LOS: C	
Intersection Capacity Utilization 76.4%		ICU Level of Service D	
Analysis Period (min) 15			

Splits and Phases: 4: Fox Chase Road & Cedar Road



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	4	25	95	49	20	3	38	139	41	5	181	7
Future Volume (vph)	4	25	95	49	20	3	38	139	41	5	181	7
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	13	13	13	15	15	15	12	12	12	15	15	15
Grade (%)		2%			-1%			-2%			1%	
Lane Util. Factor	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 Factor		1.00			1.00			1.00			1.00	
Frt		0.897			0.995			0.975			0.995	
Flt Protected		0.998			0.967			0.991			0.999	
Satd. Flow (prot)	0	1588	0	0	1913	0	0	1697	0	0	1921	0
Flt Permitted		0.989			0.725			0.934			0.994	
Satd. Flow (perm)	0	1573	0	0	1434	0	0	1599	0	0	1911	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		98			3			24			4	
Link Speed (mph)		25			25			35			35	
Link Distance (ft)		345			428			876			325	
Travel Time (s)		9.4			11.7			17.1			6.3	
Confl. Peds. (#/hr)	4					4	2					2
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	0%	0%	5%	0%	0%	0%	8%	1%	8%	0%	2%	0%
Adj. Flow (vph)	4	26	98	51	21	3	39	143	42	5	187	7
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	128	0	0	75	0	0	224	0	0	199	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.04	1.04	1.04	0.94	0.94	0.94	1.06	1.06	1.06	0.95	0.95	0.95
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	0		1	0	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	0		20	0	
Trailing Detector (ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Position(ft)	0	-5		0	-5		0	0		0	0	
Detector 1 Size(ft)	20	40		20	40		20	6		20	6	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	12.0	12.0		12.0	12.0		21.0	21.0		21.0	21.0	
Total Split (s)	29.0	29.0		29.0	29.0		41.0	41.0		41.0	41.0	
Total Split (%)	41.4%	41.4%		41.4%	41.4%		58.6%	58.6%		58.6%	58.6%	
Maximum Green (s)	24.0	24.0		24.0	24.0		35.0	35.0		35.0	35.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 70	
Actuated Cycle Length: 55	
Natural Cycle: 40	
Control Type: Semi Act-Uncoord	

Splits and Phases: 1: Fox Chase Road & Forrest Avenue



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	4	25	95	49	20	3	38	139	41	5	181	7
Future Volume (veh/h)	4	25	95	49	20	3	38	139	41	5	181	7
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.98	0.99		0.98	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	1849	1849	1776	1911	1911	1911	1761	1860	1761	1866	1837	1866
Adj Flow Rate, veh/h	4	26	98	51	21	3	39	143	42	5	187	7
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	0	0	5	0	0	0	8	1	8	0	2	0
Cap, veh/h	74	51	178	255	94	10	225	790	216	77	1194	44
Arrive On Green	0.13	0.15	0.13	0.13	0.15	0.13	0.66	0.68	0.66	0.66	0.68	0.66
Sat Flow, veh/h	22	353	1224	964	649	67	211	1156	315	9	1746	64
Grp Volume(v), veh/h	128	0	0	75	0	0	224	0	0	199	0	0
Grp Sat Flow(s),veh/h/ln	1599	0	0	1680	0	0	1682	0	0	1820	0	0
Q Serve(g_s), s	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	4.0	0.0	0.0	1.9	0.0	0.0	2.4	0.0	0.0	2.1	0.0	0.0
Prop In Lane	0.03		0.77	0.68		0.04	0.17		0.19	0.03		0.04
Lane Grp Cap(c), veh/h	272	0	0	327	0	0	1198	0	0	1280	0	0
V/C Ratio(X)	0.47	0.00	0.00	0.23	0.00	0.00	0.19	0.00	0.00	0.16	0.00	0.00
Avail Cap(c_a), veh/h	796	0	0	797	0	0	1198	0	0	1280	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	21.3	0.0	0.0	20.4	0.0	0.0	3.1	0.0	0.0	3.0	0.0	0.0
Incr Delay (d2), s/veh	1.3	0.0	0.0	0.4	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0
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(95%),veh/ln	2.7	0.0	0.0	1.5	0.0	0.0	1.0	0.0	0.0	0.9	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	22.6	0.0	0.0	20.7	0.0	0.0	3.4	0.0	0.0	3.2	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		128			75			224			199	
Approach Delay, s/veh		22.6			20.7			3.4			3.2	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	41.0	11.6	41.0	11.6
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	35.0	24.0	35.0	24.0
Max Q Clear Time (g_c+I1), s	0.0	6.0	0.0	3.9
Green Ext Time (p_c), s	0.0	0.4	0.0	0.2

Intersection Summary	
HCM 6th Ctrl Delay	9.3
HCM 6th LOS	A

Notes

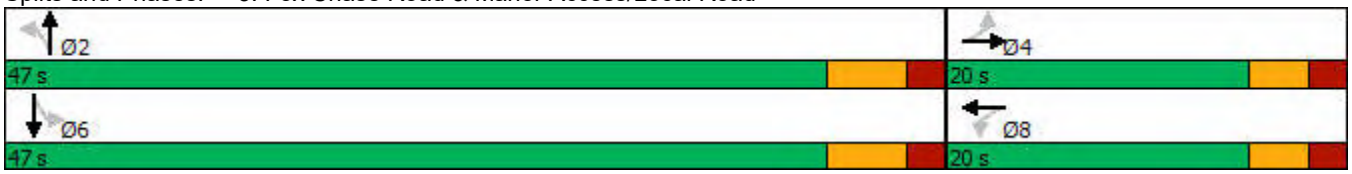
User approved pedestrian interval to be less than phase max green.

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	0	25	18	0	6	6	199	28	9	316	0
Future Volume (vph)	13	0	25	18	0	6	6	199	28	9	316	0
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	15	12	15	12	12	12	14	14	12	12	13	13
Grade (%)		3%			0%			2%			0%	
Lane Util. Factor	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 Factor								1.00				
Frt		0.910			0.968			0.984				
Flt Protected		0.984			0.963			0.999			0.999	
Satd. Flow (prot)	0	1588	0	0	1645	0	0	1803	0	0	1804	0
Flt Permitted		0.879			0.951			0.993			0.993	
Satd. Flow (perm)	0	1418	0	0	1625	0	0	1792	0	0	1794	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		49			49			20				
Link Speed (mph)		30			25			35			35	
Link Distance (ft)		250			228			379			876	
Travel Time (s)		5.7			6.2			7.4			17.1	
Confl. Peds. (#/hr)							1					1
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	0%	2%	0%	2%	2%	2%	0%	4%	2%	2%	3%	0%
Adj. Flow (vph)	13	0	26	19	0	6	6	205	29	9	326	0
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	39	0	0	25	0	0	240	0	0	335	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			10			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	0.97	1.09	0.97	1.07	1.07	1.07	1.00	1.00	1.09	1.07	1.03	1.03
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	3	1		1	1		1	2		1	2	
Detector Template				Left			Left			Left		
Leading Detector (ft)	40	35		20	35		20	236		20	236	
Trailing Detector (ft)	-3	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	-3	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	6	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	5.0	
Detector 2 Position(ft)	13							230			230	
Detector 2 Size(ft)	6							6			6	
Detector 2 Type	Cl+Ex							Extend			Extend	
Detector 2 Channel												
Detector 2 Extend (s)	0.0							0.0			0.0	
Detector 3 Position(ft)	34											
Detector 3 Size(ft)	6											
Detector 3 Type	Cl+Ex											
Detector 3 Channel												
Detector 3 Extend (s)	0.0											
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Detector Phase	4	4		8	8		2	2		6	6	
Switch Phase												
Minimum Initial (s)	3.0	3.0		3.0	3.0		15.0	15.0		15.0	15.0	
Minimum Split (s)	8.0	8.0		8.0	8.0		21.0	21.0		21.0	21.0	
Total Split (s)	20.0	20.0		20.0	20.0		47.0	47.0		47.0	47.0	
Total Split (%)	29.9%	29.9%		29.9%	29.9%		70.1%	70.1%		70.1%	70.1%	
Maximum Green (s)	15.0	15.0		15.0	15.0		41.0	41.0		41.0	41.0	
Yellow Time (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		4.0			4.0			5.0			5.0	
Lead/Lag												
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		4.0	4.0		4.0	4.0	
Minimum Gap (s)	3.0	3.0		3.0	3.0		2.0	2.0		2.0	2.0	
Time Before Reduce (s)	0.0	0.0		0.0	0.0		26.0	26.0		26.0	26.0	
Time To Reduce (s)	0.0	0.0		0.0	0.0		10.0	10.0		10.0	10.0	
Recall Mode	None	None		None	None		Max	Max		Max	Max	

Intersection Summary	
Area Type:	Other
Cycle Length: 67	
Actuated Cycle Length: 57.7	
Natural Cycle: 40	
Control Type: Actuated-Uncoordinated	

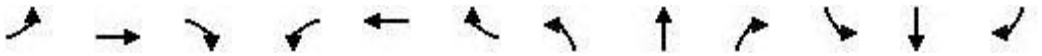
Splits and Phases: 3: Fox Chase Road & Manor Access/Local Road



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	0	25	18	0	6	6	199	28	9	316	0
Future Volume (veh/h)	13	0	25	18	0	6	6	199	28	9	316	0
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
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			Yes			No			No	
Adj Sat Flow, veh/h/ln	1820	1722	1820	1772	1772	1772	1849	1790	1750	1772	1828	1872
Adj Flow Rate, veh/h	13	0	26	19	0	6	6	205	29	9	326	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	0	2	0	2	2	2	0	4	2	2	3	0
Cap, veh/h	118	0	60	195	0	25	75	1175	163	78	1394	0
Arrive On Green	0.06	0.00	0.05	0.05	0.00	0.05	0.75	0.77	0.75	0.75	0.77	0.00
Sat Flow, veh/h	475	0	949	1238	0	391	10	1524	211	13	1807	0
Grp Volume(v), veh/h	39	0	0	25	0	0	240	0	0	335	0	0
Grp Sat Flow(s),veh/h/ln	1424	0	0	1629	0	0	1745	0	0	1820	0	0
Q Serve(g_s), s	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cycle Q Clear(g_c), s	1.4	0.0	0.0	0.8	0.0	0.0	2.0	0.0	0.0	2.8	0.0	0.0
Prop In Lane	0.33		0.67	0.76		0.24	0.02		0.12	0.03		0.00
Lane Grp Cap(c), veh/h	179	0	0	190	0	0	1381	0	0	1438	0	0
V/C Ratio(X)	0.22	0.00	0.00	0.13	0.00	0.00	0.17	0.00	0.00	0.23	0.00	0.00
Avail Cap(c_a), veh/h	501	0	0	501	0	0	1381	0	0	1438	0	0
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	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	24.8	0.0	0.0	24.7	0.0	0.0	1.7	0.0	0.0	1.8	0.0	0.0
Incr Delay (d2), s/veh	0.6	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.0
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(95%),veh/ln	0.9	0.0	0.0	0.6	0.0	0.0	0.5	0.0	0.0	0.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	25.5	0.0	0.0	25.0	0.0	0.0	1.9	0.0	0.0	2.1	0.0	0.0
LnGrp LOS	C	A	A	C	A	A	A	A	A	A	A	A
Approach Vol, veh/h		39			25			240			335	
Approach Delay, s/veh		25.5			25.0			1.9			2.1	
Approach LOS		C			C			A			A	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	47.0	7.5	47.0	7.5
Change Period (Y+Rc), s	6.0	5.0	6.0	5.0
Max Green Setting (Gmax), s	41.0	15.0	41.0	15.0
Max Q Clear Time (g_c+I1), s	4.0	3.9	4.8	2.8
Green Ext Time (p_c), s	4.2	0.0	6.1	0.0

Intersection Summary	
HCM 6th Ctrl Delay	4.4
HCM 6th LOS	A



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	70	252	115	6	270	80	77	111	5	81	190	70
Future Volume (vph)	70	252	115	6	270	80	77	111	5	81	190	70
Ideal Flow (vphpl)	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Lane Width (ft)	11	11	11	14	14	14	12	12	12	12	12	12
Grade (%)		0%			-1%			1%			1%	
Lane Util. Factor	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 Factor		1.00			1.00			1.00			1.00	
Frt		0.964			0.970			0.997			0.972	
Flt Protected		0.992			0.999			0.980			0.988	
Satd. Flow (prot)	0	1642	0	0	1822	0	0	1715	0	0	1683	0
Flt Permitted		0.780			0.991			0.725			0.865	
Satd. Flow (perm)	0	1291	0	0	1808	0	0	1267	0	0	1474	0
Right Turn on Red			Yes			Yes			No			Yes
Satd. Flow (RTOR)		24			16						18	
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		299			432			438			399	
Travel Time (s)		5.8			8.4			8.5			7.8	
Confl. Peds. (#/hr)	1					1	4					4
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Heavy Vehicles (%)	3%	1%	1%	0%	1%	6%	1%	2%	20%	3%	1%	2%
Adj. Flow (vph)	72	260	119	6	278	82	79	114	5	84	196	72
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	451	0	0	366	0	0	198	0	0	352	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.12	1.12	1.12	0.98	0.98	0.98	1.08	1.08	1.08	1.08	1.08	1.08
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	1		1	1		1	1		1	1	
Detector Template	Left			Left			Left			Left		
Leading Detector (ft)	20	35		20	35		20	35		20	35	
Trailing Detector (ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Position(ft)	0	-5		0	-5		0	-5		0	-5	
Detector 1 Size(ft)	20	40		20	40		20	40		20	40	
Detector 1 Type	Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex		Cl+Ex	Cl+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Turn Type	pm+pt	NA		Perm	NA		Perm	NA		pm+pt	NA	
Protected Phases	3	8			4			6		5	2	
Permitted Phases	8			4			6			2		
Detector Phase	3	8		4	4		6	6		5	2	
Switch Phase												
Minimum Initial (s)	3.0	10.0		10.0	10.0		12.0	12.0		3.0	12.0	
Minimum Split (s)	9.0	16.0		16.0	16.0		18.0	18.0		9.0	18.0	
Total Split (s)	13.0	46.0		33.0	33.0		35.0	35.0		13.0	48.0	
Total Split (%)	13.8%	48.9%		35.1%	35.1%		37.2%	37.2%		13.8%	51.1%	
Maximum Green (s)	7.0	40.0		27.0	27.0		29.0	29.0		7.0	42.0	
Yellow Time (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
All-Red Time (s)	2.0	2.0		2.0	2.0		2.0	2.0		2.0	2.0	
Lost Time Adjust (s)		-1.0			-1.0			-1.0			-1.0	
Total Lost Time (s)		5.0			5.0			5.0			5.0	
Lead/Lag	Lead			Lag	Lag		Lag	Lag		Lead		
Lead-Lag Optimize?												
Vehicle Extension (s)	3.0	3.0		3.0	3.0		3.0	3.0		3.0	3.0	
Recall Mode	Max	None		None	None		None	None		Max	None	
Act Effct Green (s)		34.0			20.7			18.7			32.0	
Actuated g/C Ratio		0.45			0.27			0.25			0.42	
v/c Ratio		0.72			0.73			0.64			0.54	
Control Delay		24.1			33.8			36.6			19.7	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		24.1			33.8			36.6			19.7	
LOS		C			C			D			B	
Approach Delay		24.1			33.8			36.6			19.7	
Approach LOS		C			C			D			B	
Queue Length 50th (ft)		142			146			83			110	
Queue Length 95th (ft)		284			273			165			208	
Internal Link Dist (ft)		219			352			358			319	
Turn Bay Length (ft)												
Base Capacity (vph)		757			688			509			879	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.60			0.53			0.39			0.40	

Intersection Summary			
Area Type:	Other		
Cycle Length: 94			
Actuated Cycle Length: 76.2			
Natural Cycle: 60			
Control Type: Semi Act-Uncoord			
Maximum v/c Ratio: 0.73			
Intersection Signal Delay: 27.4		Intersection LOS: C	
Intersection Capacity Utilization 80.8%		ICU Level of Service D	
Analysis Period (min) 15			

Splits and Phases: 4: Fox Chase Road & Cedar Road



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EXECUTIVE DIRECTOR

March 6, 2022

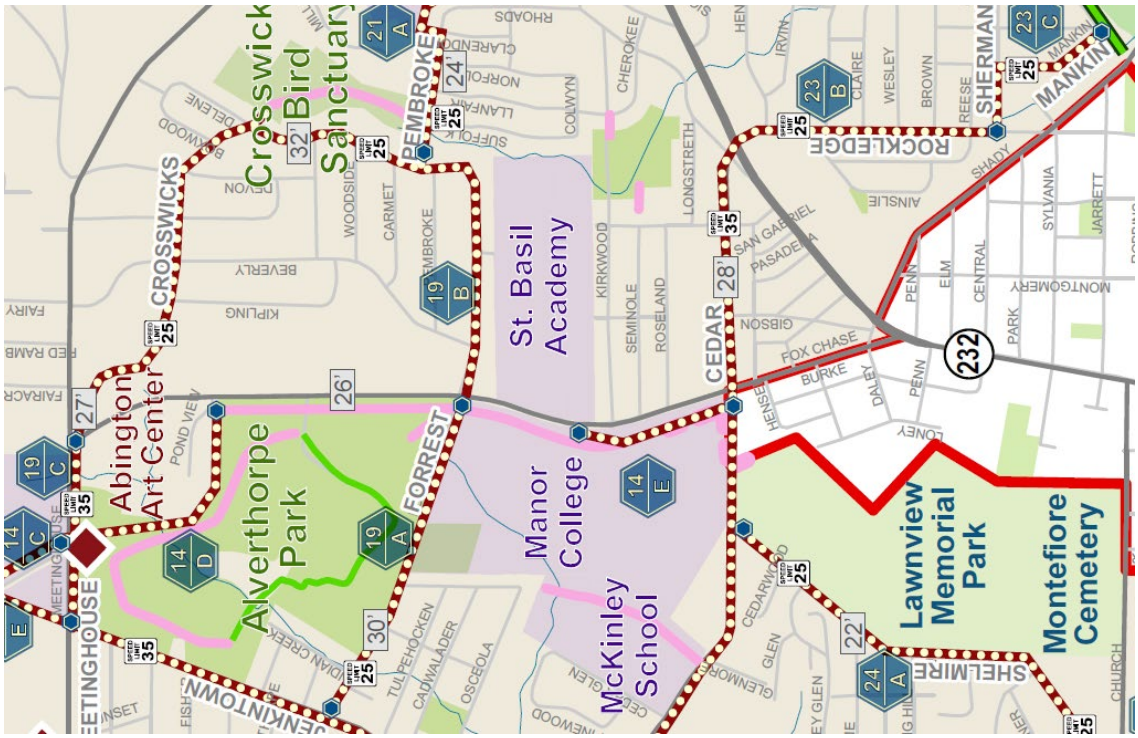
SUBJECT: Sketch Plan and Zoning Ordinance: Age-Restricted Carriage Homes on Fox Chase Road

TO: Rich Manfredi, Manager
Cc: Michael P. Clarke, Esq., Solicitor; Terry Castorina, Executive Assistant to the Township Manager

FROM: Mike Narcowich, AICP, Community Planning Assistant Manager
and Abington Township Planning Consultant

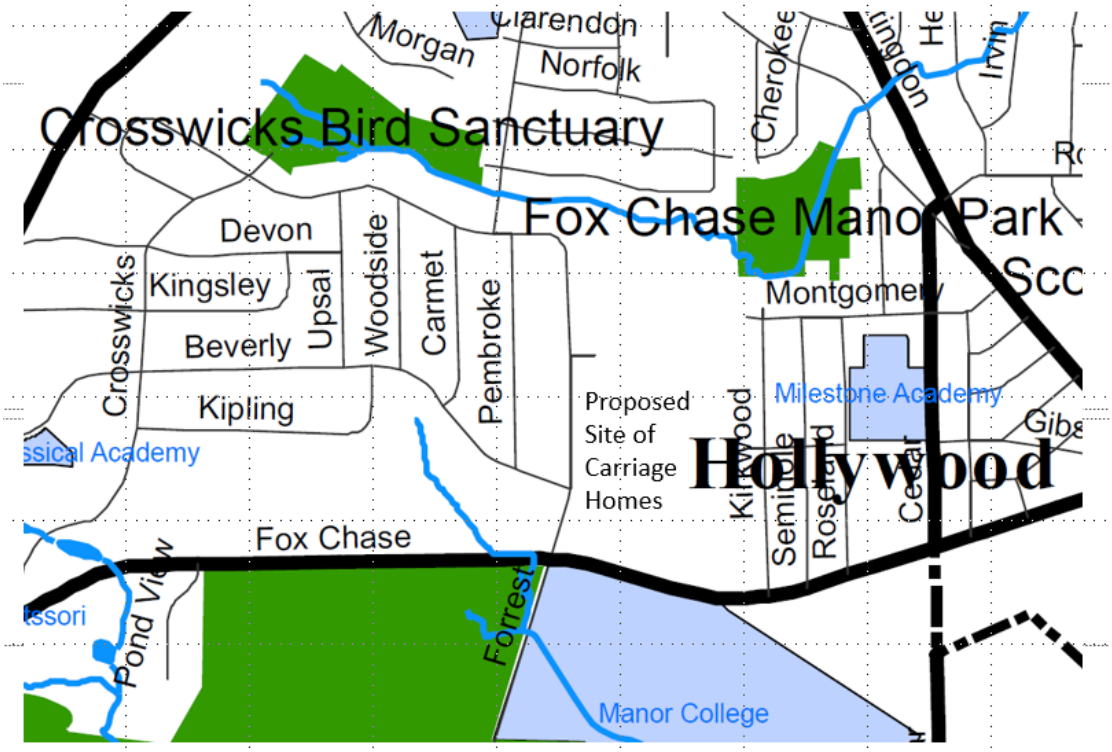
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1. Spot-Zoning. We defer to the solicitor, but to us, this appears to be a case of spot zoning. It would allow townhomes/carriage homes in an area that is not distinguishable from the surrounding area. Why not have the SNR Senior Neighborhood Residential zoning district apply to this site? The SNR allows a density of 3.2 dwelling units (DU) per acre; this proposal is for only slightly more (3.4 DU/Ac.).
2. Transportation and Parking.
    a. The street grid, including sidewalks, should be interconnected. There are existing streets that should be continued onto the site to strengthen the vehicular and pedestrian transportation network. This would improve access for residents and emergency vehicles, promote walking and healthy lifestyles, and make it easier to access the bus routes, amenities, and services on Huntingdon Pike.
    b. The curving road intersections appear as if they are intended to calm traffic. Calming traffic is a desirable goal, but this design appears unnatural and may be confusing and disruptive to traffic flow (example: intersection of Roads A and E).
    c. The Abington Township Master Bicycle Plan (see p.94) recommends that a bicycle route "14E-Manor College Trail Extension Shared Use Path" be added, that would connect the site to the Cedar Road bicycle route to the east (see map). The full route would connect McKinley Elementary to Seminole Road. It would consist of a 10-foot asphalt trail, wayfinding signage and bicycle crossing bollards.
    d. Parking. We should clarify parking requirements for this use. Subdivisions for the purposes of building townhouses require 2 spaces (not counting garages) plus ¼ space per unit for developments over 16 units.



3. Open Space.
    a. There is not enough usable open space.
    b. Open space is subject to the requirements of §2601.K.
        i. Open space shall be visible from dwellings and roadways.
        ii. Open space area must have safe and convenient pedestrian and maintenance access, without obstruction of an intervening lot(s), structures, fences, or other impediments.
        iii. No more than three noncontiguous areas may count towards the open space requirements.
    c. Guest parking should not be allowed in the open space.

d. Could a trail be located in the stream corridor? Eventually it might connect to Fox Chase Manor Park. Short, through-block trails might also be considered.



e. Proposed amendment, section 1712.C.: Land preserved for open space purposes shall be in compliance with Open Space Standards of the SALDO ~~for the~~ and Township Zoning Ordinance; provided however that …

f. The tract buffer seems unnecessarily large. We recommend locating a trail in the buffer.

4. Housing Types and Design.

a. Zoning's H-9 Townhouse Dwelling Unit (Single-Family Attached) Use should be used as a point of reference and should influence this text amendment. Some requirements from that use should be added to this text amendment. For example, the requirement that end units have side-loaded garages (intended to prevent a "snout house" development, with garages and driveways dominating the façade/front of house). There is a requirement that off-street parking spaces be located to the side or rear, and for a small planting strip to separate adjacent driveways. Internal townhouse units have a limit on the percentage (30%) of the front façade that the garage may occupy.

b. Types. We recommend the ordinance be more flexible regarding permitted unit types, so that more than simply townhomes are permitted. What about duplexes? Triplexes? Quadruplexes? Twins? Adding those uses would make the site more adaptable to changing real estate market conditions and housing unit type preferences.

c. Design.

i. Will there be room for street trees, interspersed throughout the development? Street trees are shown, but space appears limited. When sidewalks are added to the plans it may turn out that there is not room for some of the trees.

ii. Garages. The siting of the garages may create a façade dominated by garage doors. Are renderings available?

5. County Comprehensive Plan. The site lies in the "Suburban Residential Area" future land use category of MONTCO2040: A Shared Vision, the Comprehensive Plan for Montgomery County. This land use category says that appropriate landscaping and street trees should be provided by all developments, and that recreation facilities and central open space should be provided.

6. Landscaping.

a. Stormwater Basin. The basin along Fox Chase Road will be located in a prominent location, and should be sufficiently naturalized and landscaped.

b. Where the backs of two rows of homes abut one another, we recommend adding landscaping for buffering the homes and creating a greater sense of privacy and visual interest, similar to that behind units # 57-61.

c. The pool and clubhouse should be screened from units #140-143.

7. Riparian Corridor. The site is subject to the requirements of Article XV: the Riparian Corridor Conservation District. We recommend the boundaries of the corridor be designated on the plan.

8. Fiscal Impact Study. The township may wish to request a fiscal impact study from the applicant.

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March 7, 2022

ABINT17000.19

Mr. Richard Manfredi, Township Manager
Abington Township
1176 Old York Road
Abington, PA 19001

RE: 711 Fox Chase Road (Sisters of St. Basil the Great)
PARID: 30-00-22424-001 & 30-00-22420-005
Proposed Zoning Text Amendment Review

Dear Mr. Manfredi

We have received a copy of the 'Concept L' Plan dated January 19, 2022, as prepared by ESE Planning; a Traffic Impact Assessment dated February 10, 2022, as prepared by McMahon Associates, Inc.; and a draft Text Amendment for the site; as received on February 22, 2022 for the above referenced project.

Under this Application, the Applicant is proposing to amend the current CS - Community Service zoning district to establish a new AR - Age-Restricted Carriage Home Overlay District and Age-Restricted Carriage Home Dwelling Unit land use category.

The Applicant is seeking a future land development application to demolish the existing parochial school facility and associated parking lot and access drive; to construct 150 new age-restricted carriage dwellings with front facing 2-car garages; and associated driveways, curbing, sidewalks, a clubhouse with pool, parking, landscaping, stormwater facilities, and an internal roadway network that includes two (2) cul-de-sacs. Access to the site will be by way of a new 'Road A' accessed off of Fox Chase Road.

The entire site consists of approx. 46.37 acres and is located within the CS – Community Service Zoning District. The site is fronted by Fox Chase Road to the southwest; residential properties zoned in the R-2 – Low Medium Density Residential Zoning District to the north or northeast; residential properties zoned in the R-3 – Medium Density Residential Zoning District, as well as, the RC – Recreation/Conservation Zoning District, to the southeast; and residential properties zoned in the R-4 – High Density Residential Zoning District to the south. In addition, a tributary of the Pennypack Creek traverses from north to south within the eastern corner of the track. This tract is identified in Figure 15.2 as a parcel intersecting a Riparian Corridor.

In accordance with the FEMA, Flood Insurance Rate Map (FIRM) Panel No. 42091C0403G, effective March 2, 2016, the tract is identified to be primarily located within Zone X, an area outside the 0.2% chance flood and minimal flood hazard. However, the area where the Pennypack Creek tributary traverses the site is located within Flood Zone X, an area of 0.2% annual chance flood hazard, areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile.

We have been requested by the Township to perform a review of the text amendment and concept plan for the above referenced site. Based on our review of the Abington Township Zoning Ordinance for this submittal, we offer the following comments for your consideration:

CURRENT ZONING ORDINANCE COMMENTS

1. Per the Abington Comprehensive Use Matrix, Uses E-15-Senior Living Community and H-9 – Townhouse Dwelling Unit (Single-Family Attached) are not permitted uses within the CS – Community Service Zoning District. However, Use E-15-Senior Living Community is a permitted use within the SNR – Senior Neighborhood Residential Zoning District.

2. The Applicant has not provided the base zoning district on the concept plan.

PROPOSED ZONING TEXT AMENDMENT COMMENTS

3. The dimensional regulations align closely with the dimensional requirements as set forth in the SNR-Senior Neighborhood Residential Zoning District.

4. Section I.1. & Section I.2- The Applicant shall correct the referenced Section 2310 for Categories of Permitted Uses to Section 2103.

5. Section 1710.B. – Use Regulations – the following noted Accessory Uses for recreational use are permitted uses within the CS – Community Service and SNR – Senior Neighborhood Residential Zoning Districts as follows:
    a. Use A-6 – Clubhouse
    b. Use A-16 – Nonresidential Accessory Structure*
    c. Use A-18 - Outdoor Recreation, Uses Accessory to*
    d. Use A-24 – Swimming pool
    e. Use A-25 – Tennis/Sports Courts

    **Note: No determination indicated in the Comprehensive Matrix for the SNR Zoning District.*

    In addition, the entertainment uses noted for fitness center or indoor recreation are not permitted uses within the CS- Community Service and SNR – Senior Neighborhood Residential Zoning Districts. The Comprehensive matrix does not specify "dog park" and will be considered outdoor recreation.

6. In Figure 17.2 – AR - Age-Restricted Carriage Home Overlay District: Dimensional Requirements table for the minimum front yard setback, is missing the rest of the reference statement to reference the 30' dwelling setback from face of curb/edge of cartway.

7. In Figure 17.2 – AR - Age-Restricted Carriage Home Overlay District: Dimensional Requirements table for the maximum building dimension length is proposing 160'. The SNR maximum dimensional building length criteria is only 120'. To reduce the density of the site, we would suggest not changing the maximum length to 160' as proposed. In addition, since each carriage home is 30' wide and the proposed maximum number of carriage homes in a group is 5, the total length would add up to 150' rather than 160'. However, we would suggest keeping the existing SNR maximum dimensional building length criteria is only 120' to reduce the proposed density.

8. Section 1712.C – Open Space Requirements – Consider adding a restriction or distinction between the recreational and entertainment uses to the list of recreational uses proposed so that future development of recreational facilities overcrowd the intent of open spaces.

9. Use H-12.3 – A minimum lot size requirement should be defined, or this sentence line item should be removed.

10. Use H-12.4 – The minimum 24' wide carriage home width appears to be narrow for a carriage home. This appears to be more in line with a townhome width.

11. Use H-12.6 – The minimum 20' building separation is double the existing 10' SNR maximum dimensional building separation distance. However, should suggest 30' separation to align with residential cluster development guidelines.

12. We are concerned that this proposal may be subject to "spot zoning", however, we defer to the Township solicitor's office to confirm.

GENERAL COMMENTS

13. The proposed improvement to the site constitutes land development by definition. Therefore, this project would be subject to land development; and the Applicant shall be required to submit a land development application for land development approval in accordance with §149-9.

14. Additional stormwater bmps should be considered for the area along the southern tract abutting the residential properties zoned in the R-4 High Density Residential zoning district.

15. Traffic calming measures should be considered within the site due to the long stretches of straight roadway. However, clear sight triangles should be provided at the intersection of Road A at Road E and Road B at Road D due to the curved alignment at those locations.

16. Pedestrian accommodations, including marked crosswalks and signage should be provided as appropriate within the site.

17. A signage and pavement marking plan should be provided for the internal site roadways and intersections.

18. More parking may be needed at the clubhouse facility.

19. An off-road multi-use trail should be considered along the frontage of the property.

20. Due to the age-restricted nature of the proposed development, left-turn lanes should be provided on Fox Chase Road for traffic turning onto the main site entrance/Manor College driveway.

21. The signal at Fox Chase Road and the main site entrance/Manor College driveway must be fully modernized and including ADA compliant pedestrian facilities.

22. During the design process of the modernized traffic signal, a speed study should be conducted along Fox Chase Road to verify the need for dilemma zone protection and confirm sight distance requirements.

If you have any questions or comments with this submittal, please do not hesitate to contact me.

Sincerely,

PENNONI



Khaled R. Hassan, PE
Township Engineer

cc: Terry Castorina, Executive Assistant to the Township Manager
Ashley McIlvaine, Special Assistant to the Township Manager

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FISCAL IMPACT ANALYSIS
Proposed St. Basil's Active Adult Development
Abington Township, Montgomery County

March 16, 2022

Prepared for:
Toll Brothers, Inc.

Prepared by:
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Fiscal Impact Analysis

Proposed St. Basil's Development

Abington Township, Montgomery County

March 16, 2022

This report examines the annual fiscal impact to Abington Township and the Abington School District (ASD) of the St. Basil's active adult development proposed by Toll Brothers, Inc. The report examines the fiscal impact to the Township and School District during any given year after the completion of the proposed project and full occupancy, based on 2022 levels of revenue, expenditures, and taxation.

The proposed St. Basil's active adult development consists of 150 attached carriage homes, to be sold for an average price of $614,995. According to federal law, each unit in an age qualified development must house at least one person who is 55 years old or older, and no resident can be under the age of 18. Therefore, no school age children are projected to reside in the proposed development.

At buildout and full occupancy, the proposed development is projected to generate $92,249,250 in market value, $41,235,415 in assessed value, 209 residents, 0 school age children and 0 public school (ASD) students.

The table below shows the annual net fiscal impact (revenue minus expenditures) to the Township and School District of the proposed development. Below the table are sections on assessments, demographics, Township expenditures and revenue, and School District expenditures and revenue. At the end of this report are the spreadsheets for the Township and School District impact, which show the major expenditure and revenue categories for each entity. All cell addresses in the text refer to these spreadsheets.

Proposed Dwelling Type	Number of Units	Number of Residents	Annual Net Township Impact	Annual Net School District Impact	**Annual Net Combined Impact**	Annual Net Combined Impact per Unit
Carriage Homes	150	209	$332,698	$1,420,251	**$1,752,949**	$11,686

The annual net fiscal impact of the proposed development is projected to be highly favorable for the Township and School District, creating annual net surpluses for each entity. **The annual net combined fiscal impact for the proposed St. Basil's active adult development is projected to total positive (or surplus) $1,752,949, or positive $11,686 per unit.** The annual combined revenue is projected to exceed the annual combined expenditures by 3,410.4 percent.

In addition to the annual net impact figures shown in the table above, the proposed development will also generate one-time real estate transfer tax revenue from the initial sales of the units over the buildout period, projected to total $461,246 to each of the Township and School District.

There are three important reasons for the positive annual net fiscal impacts projected for the proposed St. Basil's age qualified development:

- First, the proposed development is comprised of smaller homes, which house fewer persons than four bedroom single family detached dwellings, the predominant dwelling type in the Township. The lower number of persons results in lower expenditures for the Township, which leads to annual surpluses.

- Second, the age restriction itself also results in fewer persons in the proposed units and no school age

children at all, eliminating all School District expenditures, as well as reducing Township expenditures on a per capita basis. The only impact of the proposed age qualified development on the School District is significant annual revenue of $1.4 million.

- Third, the proposed age qualified development consists of relatively high value homes, which generate considerable revenue in the real estate tax, earned income tax, and real estate transfer tax categories.

The combination of reduced Township expenditures and eliminated School District expenditures plus the high revenue results in annual net surpluses from the proposed age qualified development.

Assessments

The average market value (sales price) of the proposed carriage homes is projected to be $614,995 (cell C6). The total market value is determined by multiplying the number of units (150, cell B6) by the average market value per unit ($614,995, cell C6). The market value at buildout is projected to total $92,249,250 (cell D6).

The assessed value is determined by multiplying the market value ($92,249,250, cell D6) by the 2021-2022 Montgomery County common level ratio of 44.7 percent, from the Pennsylvania State Tax Equalization Board (cell D18). The assessed value at buildout is projected to total $41,235,415 (cell E6). This $41,235,415 in projected assessed value represents 1.0 percent of the total assessed value of all properties in Abington Township ($4,058,499,548, according to the Montgomery County *Land Use Classification Report* from the Board of Assessment, as of December 17, 2021, the most recent report available). Please note that the Montgomery County Board of Assessment will determine the actual assessments only when the proposed development is constructed and inspected.

Demographics

The number of persons per unit is projected to be 1.39 for the proposed carriage homes (cell F6). This demographic multiplier for age qualified development is from *Who Lives in New Jersey Housing?*, by David Listokin, Ioan Voicu, William Dolphin and Matthew Camp of the Rutgers University Center for Urban Policy Research (CUPR), November, 2006. In addition to the demographic multipliers for different dwelling types in the state of New Jersey (which were not used in this report), this document also presents demographic multipliers for age qualified developments in the northeastern United States, from the 2003 American Housing Survey of the U.S. Census Bureau. The multipliers are 1.57 persons per unit for all single family detached dwellings, 1.39 persons per unit for all attached dwellings (including twins, townhomes, carriage homes, etc.), and 1.20 persons per unit for all multifamily dwellings (including apartments). Please note that, unlike the Rutgers University CUPR demographic multipliers for standard development, these multipliers for age qualified development do not differentiate by dwelling size or value, only by dwelling type.

The number of persons projected to reside in the proposed development is determined by multiplying the number of units (150, cell B6) by the number of persons per unit (1.39, cell F6). The number of persons projected to reside in the proposed development at buildout and full occupancy totals 209 (cell G6).

The number of school age children per unit is projected to be 0.00 for the proposed age qualified development (cell F33 of the School District spreadsheet). The number of public school students is determined by multiplying the number of units (150, cell B33) by the number of school age children per unit (0.00, cell F33). The number of ASD students projected to reside in the proposed development at buildout and full occupancy is 0 (cell G33).

Annual Abington Township Expenditures

The Abington Township budget includes the following funds, shown in the table below with their respective 2022 expenditure totals:

Budget	Amount
Operating Funds	
General Fund	$42,597,990
Debt Service Fund	$521,371
Fire Fund	$3,156,349
Sewer Operations Fund	$7,572,199
Highway Aid Fund	$2,012,283
OPEB (Retirement) Fund	$1,407,640
Workers Comp Fund	$64,000
Refuse Fund	$5,843,665
Subtotal Operating Funds	**$63,175,497**
Capital Funds	
Sewer Operations Fund	$350,000
Fire Capital Fund	$1,073,521
Capital-Permanent Improvement Fund	$3,339,481
Refuse Capital Fund	$335,000
Sewer Capital Fund	$585,000
Subtotal Capital Funds	**$5,683,002**
American Rescue Plan (ARPA) Fund	$8,370,424
TOTAL	**$77,228,923**

In order to find a more accurate measure of the average annual expenditures for the proposed development, this analysis focuses on the regular, ongoing operating expenditures of the Township. Such operations are quantified in the following six funds, shown in the table below with their respective sums in the 2022 budget.

Fund	Amount
General Fund	$42,597,990
Debt Service Fund	$521,371
Fire Fund	$3,156,349
Highway Aid Fund	$2,012,283
OPEB (Retirement) Fund	$1,407,640
Workers Comp Fund	$64,000
Total Operating Funds	**$49,759,633**

The six operating funds total $49,759,633 in expenditures for 2022 (cell D19). These six funds cover

nearly all Township expenditures, including police general services (administration), culture and recreation administration, libraries, participant recreation, executive, code enforcement, traffic safety, financial administration, engineering services, tax collection, street lighting, solicitor and legal services, parks, general government building and plant, legislative, ambulance services, animal control, health insurance, insurance, unemployment, shade trees, repair of vehicles, IT networking services, community development and housing, fire protection, debt service, road maintenance, and other employee benefits.

The following funds are excluded from this analysis, because they are either capital funds, proprietary funds (including special revenue funds), or fiduciary funds:

- The Sewer Fund and Refuse Fund are proprietary funds, where revenue from previous fund balances, sewer rents and connection fees, and refuse fees are spent on sewage collection and disposal, and refuse collection and disposal. If the Township required additional revenue to cover costs in these funds, it would increase the fees in these funds, not taxes.

- The Sewer Operations Fund, Fire Capital Fund, Capital-Permanent Improvement Fund, Refuse Capital Fund, and Sewer Capital Fund are all capital funds, where revenue from previous fund balances, transfers from other funds, grants, and other sources is used to pay for capital expenditures such as vehicles, equipment, building improvements, etc.

- The American Rescue Plan Fund was created using proceeds from the federal American Rescue Plan Act of 2021, and is a mixed fund used to pay for operating and capital expenditures (such as the Township Building renovations). The vast majority of the money in this fund is projected to be expended in the next two years, and the annual expenditures in 2024 and beyond are projected to be minimal.

In order to find a more accurate measure of the average annual operating expenditures for future residents of the proposed development, three categories of funds are subtracted from the total 2022 operating expenditures of $49,759,633 (cell D19):

1. Pass-Through Funds. Pass-through funds are excluded because the proposed development will have no net impact on these funds, since revenue always equals expenditures. Pass-through funds that are excluded total $6,443,596 and are shown in the table below with their respective sums in the Township's 2022 budget.

Source	Fund	Budgeted Amount
State/County Snow Reimbursement	General	$156,541
Police Reimbursable Overtime	General	$292,505
Video Arraignment Process	General	$65,000
Beverage Licenses	General	$11,050
Rent of Property	General	$375,000
DEA Task Force	General	$100,000
Bodehits Fees	General	$5,000
Recyclable Materials	General	$2,000
Public Utility Realty Tax	General	$30,000
State Reimbursement Pension Plans	General	$1,530,000
Payment In-Lieu-Of	General	$665,000
Parks & Recreation Program Revenue	General	$710,000

Source	Fund	Budgeted Amount
Insurance Claims	General	$55,000
Cobra Reimbursement	General	$50,000
Refunds	General	$714,000
Fire Permits	Fire	$35,000
Fire Inspection Fees	Fire	$30,000
Health Costs Reimbursement	Retirement (OPEB)	$118,000
State Liquid Fuels Grant	Highway Aid	$1,499,500
TOTAL		**$6,443,596**

2. Development Related Funds. The other pass-through category is charges related to the processing and administration of proposed subdivisions and land developments in the Township, shown in the table below with their respective sums in the Township's 2022 budget (all are in the General Fund).

Source	Budgeted Amount
Building Permits	$1,000,000
Plumbing Permits	$70,000
Engineering Permit Fees	$160,000
TOTAL	**$1,230,000**
90 Percent Subtracted	**$1,107,000**
10 Percent as Miscellaneous Revenue	**$123,000**

Development related revenue is excluded because it is in essence a one-time pass-through fund for specific functions normally associated with new development. For example, the building permit revenue will be expended on building inspections and the administration of those permits while a development is under construction, not on other functions associated with the time after a development is completed. Once a development is completed, the revenue and expenditures for such permits and application fees decrease significantly, but not completely. Ninety percent of the 2022 development related pass-through funds of $1,230,000 (or $1,107,000) is excluded from the total expenditures. Only 90 percent of the development related funds is excluded from the expenditure analysis, in acknowledgment that there will still be some expenditures on subdivisions and land developments once they are complete, for things like building renovations and inspections for violations. Please note that in the revenue analysis, below, only 10 percent of the revenue from development related funds (or $123,000) is included in the category of miscellaneous revenue.

3. Interfund Transfers. The following transfers between funds totaling $1,239,640 are excluded.

Source	Budgeted Amount
General Fund to Retirement (OPEB) Fund	$1,045,355
Sewer Fund to Retirement (OPEB) Fund	$116,000
Refuse Fund to Retirement (OPEB) Fund	$78,285
TOTAL	**$1,239,640**

The transfer from the General Fund to the Retirement Fund is excluded in order to avoid double

counting the same funds, since both the source and destination funds are included in this analysis. The transfers from the Sewer Fund and Refuse Fund to the Retirement Fund are excluded because they represent costs associated with those two proprietary funds, which are excluded.

The 2022 excluded pass-through funds, development related funds and interfund transfers total $8,790,236 (cell D20). The 2022 net Township operating expenditures (minus pass-through funds, development related funds and interfund transfers) are $40,969,397 (cell D21). Please note that just as the expenditures for the above funds are not included in the expenditure calculations of this section, the revenue from these sources is also not included in the revenue analysis, below.

Then, the Township expenditures associated with existing nonresidential development are subtracted from the net expenditures using the "proportional valuation method" of *The New Practitioner's Guide to Fiscal Impact Analysis*, by Robert W. Burchell, David Listokin, and William R. Dolphin, Rutgers Center for Urban Policy Research, 1985. First, a portion of the total Township expenditures is assigned to existing nonresidential development, based on the average value of property. According to the Montgomery County Board of Assessment *Land Use Classification Report* as of December 17, 2021, the total assessed value of the 20,088 properties in Abington Township was $4,058,499,548, yielding an average assessed value of $202,036. Of those properties, 1,085 were nonresidential (commercial, industrial, institutional, utility, etc., whether taxable or exempt), with a total assessed value of $1,190,772,880 (representing 29.3 percent of the Township total), and an average assessed value of $1,097,487.

The proportion of average nonresidential assessed value to average Township assessed value (residential and nonresidential combined) is 5.43, which is then used to determine the refinement coefficient of 1.05 from a graph in *The New Practitioner's Guide.* The refinement coefficient is based on empirical research by the Rutgers University CUPR, and is necessary to adjust the costs of existing nonresidential development in communities without extensive nonresidential development of very high average assessed value, such as Abington Township. By comparison, in communities where the ratio between the average nonresidential assessment and the average overall assessment is above 6, an economy of scale reduces the nonresidential expenditures on a per square foot basis, and the refinement coefficient is below 1.00.

The proportion of Township assessed value in nonresidential uses (29.3 percent) is then multiplied by the refinement coefficient of 1.05, and by the 2022 net Township operating expenditures of $40,969,397 (cell D21). The result of this calculation is that $12,621,539 of the net Township operating expenditures (representing 30.8 percent) is attributable to existing nonresidential development (cell D22). This sum is subtracted from the 2022 net Township operating expenditures ($40,969,397, cell D21), and the remainder ($28,347,858 in expenditures attributable to existing residential development, cell D23) is divided by the estimated number of Township residents in 2022, which is 59,140 (cell I18). The estimated number of Township residents is determined by taking the 2020 U.S. Census count of 58,502 and adding two years' worth of the average annual increase between 2010 and 2020 (3,192 over those ten years, or 319 additional residents per year and 638 over two years) to find the current 2022 estimate of 59,140. The per capita Township operating expenditures attributable to existing standard residential development are $479.33 (cell D24).

On average, residents of an age qualified development generate far lower Township expenditures when compared to residents of standard housing. A study by the Del Webb corporation (the industry leader in age qualified development) estimated that its Sun City Grand development in Surprise, Arizona near Phoenix imposed lower demands on most municipal services when compared to standard housing, in numerous demand categories (as cited in *Developing Active Adult Retirement Communities*, by Diane R. Schuman, et. al., The Urban Land Institute, 2001, pp. 21-26). The table below shows each of the eight demand categories studied; for each category, the table shows the 2022 Abington Township expenditure (if any), and the modified expenditure, which is the Township expenditure multiplied by the percent of level of demand imposed by age qualified developments.

Demand Category	Level of Demand	Budgeted Expenditure	Modified Expenditure
Traffic volume	33%	$0	$0
Street maintenance	35%	$7,393,213	$2,587,625
Water consumption	60%	$0	$0
Wastewater generation	74%	$0	$0
Solid waste generation	67%	$0	$0
Police protection	25%	$23,021,730	$5,755,433
Fire protection services	33%	$3,156,349	$1,041,595
Emergency medical services	110%	$187,500	$206,250
Total		$33,758,792	$9,590,902
Difference			$24,167,890
Minus Pass-Thru (17.7%)		$4,269,353	$19,898,536
Residential Share (69.2%)		$6,130,189	$13,768,347
Difference per Capita			$232.81

Other than emergency medical services (for which the Abington Township budget has very limited expenditures), an age qualified facility has far lower expenditure impacts compared to other housing. The area of greatest expenditure in Abington Township – police protection – is the precise area in which an age qualified development's expenditure is significantly lower than that of standard housing. Please note that all road maintenance expenditures are in the Street Maintenance category, instead of the Traffic Volume category, since the former is slightly higher, resulting in a more conservative (and higher) annual expenditure.

The difference between the total Township expenditures for the listed demand categories ($33,758,792) and the modified Township expenditures ($9,590,902) is $24,167,890. This figure is then further modified to account for the pass-through funds, development related funds and interfund transfers by subtracting 17.7 percent (or $4,269,353), similar to the total Township expenditures (see above). Of the remaining $19,898,536 in expenditures, 30.8 percent (or $6,130,189) is attributable to existing nonresidential development and only 69.2 percent (or $13,768,347) is attributable to existing residential development. The resulting $13,768,347 represents the difference between the Township expenditures for these Township functions for standard housing versus age qualified housing. This figure is then divided by the estimated 2022 Township population of 59,140 (cell I18) to find a per capita difference of $232.81. This figure is then subtracted from the Township per capita expenditure for standard development ($479.33, cell D24) to find the Township per capita expenditure for age qualified development ($246.52, cell D25).

This per capita figure of $246.52 (cell D25) is then applied to the number of persons projected to reside in the proposed age qualified development at buildout and full occupancy (209, cell G6) to find the total annual Township expenditures of $51,400 (cell H6) or $343 per unit (cell I6).

Annual Abington Township Revenue

The annual Township revenue is determined by adding the following sources:

- Real estate tax revenue, based on the 2022 Township tax rate of 5.922 mills (cell I19) applied to the projected assessed value of the proposed development ($41,235,415, cell E6). The 2022 millage rates of the operating funds are shown in the table below.

Fund	Millage Rates
General Levy	
General Purposes	3.787
Fire	0.920
Library	0.430
Parks & Recreation	0.250
Special Levy	
Ambulance	0.050
Debt Service	0.155
Retirement (OPEB)	0.330
TOTAL	**5.922**

The annual real estate tax revenue is projected to total $244,196 (cell B11). Please note that the this one revenue source exceeds the total projected annual Township expenditures ($51,400, cell H6) by $192,796 or 375 percent.

- Earned income tax revenue, based on the tax rate of 0.5 percent applied to the household income of residents, which is calculated by multiplying the monthly housing costs, including a combination of real estate taxes, insurance, homeowners association fees and mortgage costs, as shown in the table below.

Proposed Dwelling Type	Monthly RE Taxes	Monthly Insurance	Monthly HOA Fee	Monthly Mortgage	Minimum Annual Income
Age Qualified Carriage Homes	$976	$90	$250	$2,595	$187,720

The monthly real estate taxes are based on the combined Township plus School District plus County (including Community College) tax rate of 42.6040 mills. Insurance costs are assumed to be $90 per month. HOA fees are projected to be $250 per month. The mortgage costs are based on the conforming rate of 3.85 percent, according to the March 10, 2022 Primary Mortgage Market Survey by Freddie Mac (available on www.freddiemac.com). The minimum annual household income is determined by adding all the monthly housing costs and dividing by 28 percent, according to Fannie Mae criteria that no more than 28 percent of annual household income be used for housing costs. The minimum annual household income necessary to pay for the real estate taxes, insurance, HOA fees and mortgage is projected to be $187,720. To determine the annual earned income tax revenue, this minimum annual household income figure is multiplied by the number of units (150, cell B6) and by the Township tax rate of 0.5 percent. This revenue is then reduced by 50 percent to reflect the likelihood that many residents of the proposed age qualified development will be retired and have no earned income, though they may have interest or dividend income, which is not subject to the earned income tax. This revenue is then further reduced by subtracting 25.1 percent (cell I20), representing the percentage of Abington Township residents working in the City of Philadelphia and therefore paying the City wage tax and not paying the Township's earned income tax, from the 2019 American Community Survey of the U.S. Census Bureau, which reported 7,080 residents working in the City of Philadelphia out of 28,175 working residents. The annual earned income tax revenue is projected to total $52,706 (cell C11). Please note that this one revenue source offsets the projected annual Township expenditures of $51,400 (cell H6). Finally, please note that the household income level shown here is the minimum income levels necessary to afford the proposed homes. Most households will have higher levels of income, which will result in higher levels of annual Township earned income tax revenue.

- Real estate transfer tax revenue, based on the market value of the units ($614,995, cell C6) multiplied by the number of units (150, cell B6), multiplied by the projected annual housing turnover rate of 15 percent for the carriage homes (cell I21), and multiplied by the Township's tax rate of 0.5 percent of market value. The annual real estate transfer tax revenue is projected to total $69,187 (cell D11). Please note that this annual revenue figure does not include the one-time real estate transfer tax revenue from the initial sales of the units over the buildout period, projected to total $461,246 (cell A26). Once again, please note that the projected annual real estate transfer tax revenue exceeds the projected annual Township expenditures of $51,400 (cell H6).

- Franchise fee and miscellaneous revenue. The franchise fee and miscellaneous revenue is based on the Township's budgeted revenue from these sources ($1,248,000 comprised of $1,125,000 in franchise fee revenue and $123,000 in development related revenue, representing 10 percent of the total revenue in this category associated with existing and not new development, which is $1,230,000; see the expenditure analysis, above) divided by the 2022 estimated number of units in the Township (23,192, cell I22), and that per unit revenue of $53.81 (cell I23) is applied to the number of units in the proposed development (150, cell B6). The estimated number of 23,192 units in the Township is determined by taking the 2020 U.S. Census count of 23,055 and adding two years' worth of the average annual increase between 2010 and 2020 (686 over those ten years, or 68.6 additional units per year and 137 over two years). The annual franchise fee and miscellaneous revenue is projected to total $8,072 (cell E11).

- Liquid fuels revenue, based on PennDOT's 2022 per person revenue of $17.5304 (cell I24) applied to the number of persons projected to reside in the proposed development at buildout and full occupancy (209, cell G6). The annual liquid fuels revenue is projected to total $3,655 (cell F11). No subsidy per mile is projected from the proposed development, because the proposed roads are projected to be owned and maintained by the homeowners associations and not the Township.

- Interest earnings, based on the projected assessed value of the proposed development ($41,235,415, cell E6) divided by the Township's total taxable assessed value ($3,386,399,113, according to the Montgomery County Board of Assessment *Land Use Classification Report*), and multiplying by the Township's revenue from interest earnings in the 2022 budget, totaling $516,000 and shown in the table below. The annual interest earnings are projected to total $6,283 (cell G11).

Fund	Interest Earnings
General Fund	$250,000
Retirement (OPEB) Fund	$250,000
Highway Aid Fund	$16,000
TOTAL	**$516,000**

The annual Township revenue from all sources is projected to total $384,099 (cell H11), or $2,561 per unit (cell I11). The annual net Township impact (revenue minus expenditures) is projected to total positive $332,698 (cell B15) or positive $2,218 per unit (cell C15). Annual revenue is projected to exceed annual expenditures by 647.3 percent (cell D15). Overall, annual revenue is projected to be more than six times annual expenditures.

Annual Abington School District Expenditures

The number of units (150, cell B33 of the School District spreadsheet), average market value per unit ($614,995, cell C33), total market value ($92,249,250, cell D33), and total assessed value ($41,235,415, cell E33) are the same as for the Township impact, above. As noted above, the proposed St. Basil's Development is age qualified and is therefore projected to generate 0 school age children per unit (cell

F33) and 0 public school (ASD) students overall (cell G33).

The 2021-2022 Abington School District General Fund budgeted expenditures total $176,932,262 (cell D46). The following pass-through funds are subtracted from this total:

Pass-Through Fund	Budgeted Amount
Public Utility Realty Tax	$113,650
Revenue from Intermediary Sources	$1,162,542
Rentals	$40,000
Tuition from Patrons	$20,000
TOTAL	**$1,336,192**

The pass-through funds total $1,336,192 (cell D47), with the remaining School District net expenditures totaling $175,596,070 (cell D48). This figure is then divided by the current 2021-2022 District-wide enrollment of 8,292 students (cell D49, from the School District web site) to find the 2021-2022 ASD net expenditure of $21,177 per student (cell D50). This per student expenditure is applied to the number of students projected to attend public schools from the proposed development at buildout and full occupancy (0, cell G33). The annual School District expenditures are projected to total $0 (cell H33), or $0 per unit (cell I33).

Annual Abington School District Revenue

The annual School District revenue is determined by adding the following sources:

- Real estate tax revenue, based on the School District's 2021-2022 tax rate of 32.7200 mills (cell I45) applied to the projected assessed value of the proposed development ($41,235,415, cells E33). Subtracted from this revenue total is the District's homestead exclusion at $10,765 of assessed value per unit (cell I47) applied to the number of units in the proposed development (150, cell B33). The proposed homestead exclusion is projected to subtract $352.23 per unit and $52,835 overall from the total real estate tax revenue. The annual School District real estate tax revenue is projected to total $1,296,388 (cell B38).

- Earned income tax revenue, determined using the same method as was used for the Township impact, above. The annual earned income tax revenue is projected to total $52,706 (cell C38).

- Real estate transfer tax revenue, determined using the same method as was used for the Township impact, above. The annual real estate transfer tax revenue is projected to total $69,187 (cell D38). As noted above, this annual revenue figure does not include the one-time real estate transfer tax revenue to the School District from the initial sales of the units over the buildout period, projected to total $461,246 (cell A51).

- State and Federal revenue, based on the 2021-2022 ASD budgeted revenue from those sources totaling $43,699,263 divided by the 2021-2022 ASD enrollment of 8,292 (cell D49), and that $5,270 subsidy per public school student (cell I48) is applied to the projected number of students from the proposed development (0, cell G33). The annual state and federal revenue is projected to total $0 (cell E38).

- Earnings on investments, based on the projected assessed value of the proposed development ($41,235,415, cell E33) divided by the School District's total taxable assessed value ($3,558,245,783, according to the 2021-2022 ASD budget), and multiplying by the School District's 2021-2022 revenue

from earnings on investments in the budget ($170,000, cell I49). The annual earnings on investments are projected to total $1,970 (cell F38).

The annual School District revenue from all sources is projected to total $1,420,251 (cell G38) or $9,468 per unit (cell I38). The annual net School District impact (revenue minus expenditures) is projected to total positive $1,420,251 (cell B42) or positive $9,468 per unit (cell C42). Since there are no School District expenditures associated with the proposed age qualified development, every dollar of the annual $1,420,251 in revenue becomes surplus.

ANALYSIS OF THE ANNUAL FISCAL IMPACT TO ABINGTON TOWNSHIP

Of the Proposed St. Basil's Active Adult Development

March 16, 2022

Proposed Dwelling Type	Number of Units	Average Price per Unit	Total Market Value	Total Assessed Value	Persons per Unit	Total Persons	**Annual Township Expenditures**	Expenditures per Unit
Carriage Homes	150	$614,995	$92,249,250	$41,235,415	1.39	209	**$51,400**	$343

Annual Township Revenue

Proposed Dwelling Type	Real Estate Tax	Earned Income Tax	Real Estate Transfer Tax **	Franchise Fee & Misc. Revenue	Liquid Fuels Revenue	Interest Earnings	**Total Annual Revenue**	Revenue per per Unit
Carriage Homes	$244,196	$52,706	$69,187	$8,072	$3,655	$6,283	**$384,099**	$2,561

Proposed Dwelling Type	**Annual Net Township Revenue**	Net Township Revenue per Unit	Revenue > Expenditure
Carriage Homes	**$332,698**	$2,218	647.3%

NOTES:

2021-2022 STEB Common Level Ratio (Market Value to Assessed Value)		44.7%	2022 Township Population Estimate		59,140
2022 Township Operating Expenditures (6 Funds)		$49,759,633	2022 Township Real Estate Tax Millage (7 Funds)		5.922
Minus 2022 Pass-Through and Excluded Expenditures		$8,790,236	Pct. of Twp. Residents Working in Phila. (2019 ACS)		25.1%
2022 Net Township Operating Expenditures		$40,969,397	Annual Housing Turnover Rate (SFA)		15%
2022 Township Non-Residential Expenditures	30.8%	$12,621,539	2022 Township Housing Unit Estimate		23,192
2022 Township Residential Expenditures		$28,347,858	2022 Township Franchise Fee & Misc. Revenue per Unit		$53.81
2022 Township per Capita Expenditure (Standard Development)		$479.33	2022 State Liquid Fuels Revenue per Capita		$17.5304
2022 Township per Capita Expenditure (Age Qualified Development)		$246.52	2022 Township Interest Earnings		$516,000

** Does not include the real estate transfer tax revenue from the initial sales of the units, or $461,246 over the buildout period.

ANALYSIS OF THE ANNUAL FISCAL IMPACT TO THE ABINGTON SCHOOL DISTRICT

Of the Proposed St. Basil's Active Adult Development

March 16, 2022

Proposed Dwelling Type	Number of Units	Average Price per Unit	Total Market Value	Total Assessed Value	School Age Children per Unit	ASD Students	**Annual School District Expenditures**	Expenditures per Unit
Carriage Homes	150	$614,995	$92,249,250	$41,235,415	0.00	0	**$0**	$0

	Annual School District Revenue						
Proposed Dwelling Type	Real Estate Tax Minus Homestead Excl.	Earned Income Tax	Real Estate Transfer Tax **	State & Federal Revenue	Earnings on Investments	**Total Annual Revenue**	Revenue per Unit
Carriage Homes	$1,296,388	$52,706	$69,187	$0	$1,970	**$1,420,251**	$9,468

Proposed Dwelling Type	**Annual Net School District Revenue**	Net School District Revenue per Unit	Revenue > Expenditure
Carriage Homes	**$1,420,251**	$9,468	--

NOTES:

2021-2022 STEB Common Level Ratio (Market Value to Assessed Value)	44.7%	2021-2022 ASD Real Estate Tax Millage	32.7200
2021-2022 ASD Total Expenditures	$176,932,262	Annual Housing Turnover Rate (SFA)	15%
Minus Pass-Through Expenditures	$1,336,192	2021-2022 ASD Homestead Exclusion per Unit	$10,765
2021-2022 ASD Net Expenditures	$175,596,070	2021-2022 ASD State/Federal Revenue per Student	$5,270
2021-2022 ASD Student Enrollment	8,292	2021-2022 ASD Earnings on Investments	$170,000
2021-2022 ASD Net Expenditure per Student	$21,177		

** Does not include the real estate transfer tax revenue from the initial sales of the units, or $461,246 over the buildout period.

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PLANNING COMMISSION
MONTGOMERY COUNTY COURTHOUSE • PO BOX 311
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WWW.MONTCOPA.ORG

SCOTT FRANCE, AICP
EXECUTIVE DIRECTOR

March 31, 2021

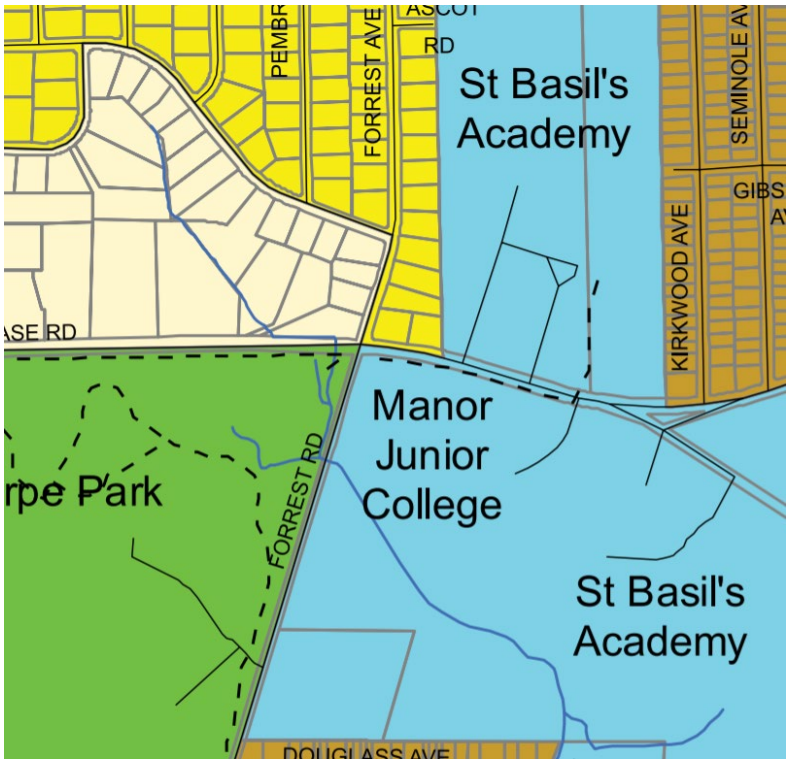
SUBJECT: 1. Proposed E-18 University Campus Use and Effects on Manor College
2. Ownership Status of R-1 Properties Eligible for E-18 Use

TO: Rich Manfredi, Manager

FROM: Mike Narcowich, AICP, Assistant Section Chief: Community Planning
Abington Township Planning Consultant

I took a look at how the proposed E-18 University Campus Use zoning text amendment would affect Manor College.

1. Applicability to Properties Zoned R-1 Low-Density Residential: Regarding the provision to allow faculty housing in the R-1 District, it seems as if it (most likely) does not apply to Manor College. Since the only R-1 use near Manor College lies diagonally opposite the college, across the intersection of Fox Chase Road and Forrest Road, and the proposed zoning text amendment says *"Properties zoned R1 Low Density Residential with existing houses owned by the college or university which (1) abut the college or university campus or* ***(2) which are separated by a public or private***



street *may be used for faculty housing by conditional use.*" To me, that means that this provision would not be applicable to Manor College, although I suppose it could be argued that one 0.84 acre lot on the corner of Fox Chase Road and Forrest Road would be eligible

I have a couple questions for Michael: (1) Do you feel that the R-1 lot on Forrest and Fox Chase would be eligible? (2) Just to do our due diligence, if that lot is not eligible, does that mean that the proposed zoning text amendment, which would then seem only to apply to PSU-Abington at present, would run a risk of being spot zoning?

2. Regarding the following paragraph, we should consider whether we want this changed as follows (it occurs to me that there may be confusion over whether "owned by the college or university" applies to the "properties" or "existing houses":

> *Properties zoned R1 Low Density Residential with existing houses <u>that are, at time of the adoption of this zoning text amendment,</u> owned by the college or university which (1) abut the college or university campus or (2) which are separated by a public or private street may be used for faculty housing by conditional use. This includes temporary housing for visiting professors and scholars, and administrative functions, including, but not limited to development, alumni relations, business office, and admissions. Administrative functions shall be limited to the first floor. These uses shall not exceed 140,000 square feet of property and a maximum of two structures.*

3. From MCPC Peer Review: In the interest of transparency, the provision to extend CS regulations into the R-1 District should be evident in the R-1 District. I suggest adding a mark in the Use Matrix where R-1 District and University Campus use intersect, linked to a footnote explaining when CS regulations may affect the R-1 District.

4. From MCPC Peer Review: It is recommended that there not be limitations on which floor office uses can be located on when located in a property in the R-1 District. The building may function better without such limitations, and there should be no negative effect on neighboring properties.

5. From MCPC Peer Review: It is recommended that it be clarified whether CS or R-1 regulations apply to the R-1 property, when such property is included in a University Campus use.



PROPERTY DATA:

TOTAL SITE AREA:	± 46.37 AC
60' ROW AREA:	± 0.62 AC
GROSS SITE AREA:	± 45.75 AC

PROPOSED DATA BASED ON GROSS SITE AREA:

PROPOSED PERIMTER SETBACKS:	
FRONT:	100'
SIDE:	125'
REAR:	125'
PROPOSED INTERNAL FRONT SETBACKS (FROM FACE OF CURB):	30'
PROPOSED BUILDING COVERAGE:	±7.5 AC (16%)
PROPOSED IMPERVIOUS COVERAGE:	±13.8 AC (30%)
PROPOSED OPEN SPACE:	±23.3 AC (51%)
PROPOSED DENSITY:	150 DU (3.3 DU/AC)
PROPOSED BUILDING HEIGHT:	<35'
PROPOSED BUILDING LENGTH:	150'
PROPOSED BUILDING SEPARATION:	25'

SOURCES:

1. THIS PLAN IS THE EXCLUSIVE PROPERTY OF ESE CONSULTANTS INC., AND TOLL BROTHERS INC. ALL RIGHTS AND REMEDIES ARE HEREBY RESERVED. THIS PLAN MAY NOT BE REPRODUCED OR DISTRIBUTED IN ANY WAY WITHOUT THE WRITTEN CONSENT OF ESE CONSULTANTS INC., AND TOLL BROTHERS INC.
2. AERIAL PHOTOGRAPH PROVIDED BY: MONTGOMERY COUNTY AERIAL IMAGES DATED: 2010.
3. TOPOGRAPHIC INFORMATION PROVIDED BY: PAMAP PROGRAM -3.2' DIGITAL ELEVATION MODEL 2006-2008 DCNR - PASDA DATE ACCESSED: 01.25.2019.
4. FLOODPLAIN LOCATION TAKEN FROM FEMA COMMUNITY PANEL: 403 OF 451 MONTGOMERY COUNTY PA DATED: MARCH 2, 2016.
5. SOILS INFORMATION TAKEN FROM NATURAL RESOURCE CONSERVATION SERVICES.
6. PENNYPACK CREEK TRIBUTARY CLASSIFIED AS A TROUT STOCKING WATER RESOURCE ACCORDING TO PA DEP.
7. PARCEL BOUNDARY AND ADDTIONAL SITE INFORMATION TAKEN FROM PLAN OF SURVEY LANDS N/F SISTERS OF ST. BASIL THE GREAT BY NAVE NEWELL DATED 3.17.21.
8. ALL BASE INFORMATION IS CONSIDERED PRELIMINARY AND SUBJECT TO FIELD VERIFICATION AND SURVEY. SITE PLAN MAY VARY PENDING MORE ACCURATE INFORMATION.

TYPICAL DIMENSIONS

SCALE: 1" = 50'

LIBERTY COLLECTION

CAREY, RADLEY, AND VINLAND
2,000 SF LIVING AREA
SCALE: N.T.S.

LEGEND:

FLOODPLAIN | STEEP SLOPES (15-25%) | STEEP SLOPES (>25%) | OPEN SPACE ±23.3 AC (51%) | STREAM

ESE PLANNING

NORTH

FEET
100 0 50 100 200
GRAPHIC SCALE 1 inch = 100 ft.

CONCEPT "L"
150 ACTIVE ADULT CARRIAGE HOMES
SISTERS OF ST. BASIL
ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA

PLAN SUMMARY

(150) TOTAL DWELLINGS

±3,925 LF OF CARTWAY
±285 LF OF BOULEVARD
±330 LF OF EMERGENCY ACCESS

±2.9 AC STORM WATER**

PROP. ZONING DISTRICT TBD

**INCLUDED IN OPEN SPACE CALCULATION

SITE DATA:

ADDRESS: 711 FOX CHASE ROAD, JENKINTOWN, PA 19046

PARCEL(S): 30-00-22424-001
30-00-22420-005

SITE AREA: ± 45.75 AC

CURRENT ZONING: COMMUNITY SERVICE

OFFICE DATA:

PROJECT NUMBER: 7662
DATE: 2022.01.19
SCALE: 1" = 100'
DRAWN BY: EED

MONTGOMERY COUNTY
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WWW.MONTCOPA.ORG

SCOTT FRANCE, AICP
EXECUTIVE DIRECTOR

March 6, 2022

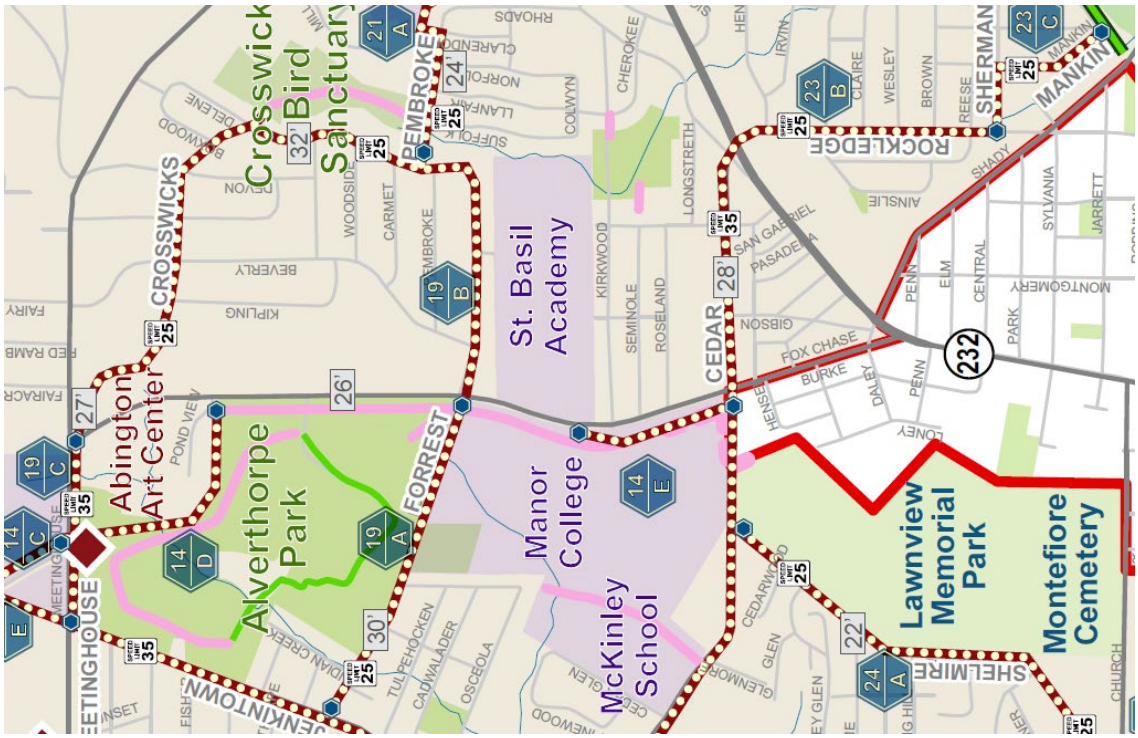
SUBJECT: Sketch Plan and Zoning Ordinance: Age-Restricted Carriage Homes on Fox Chase Road

TO: Rich Manfredi, Manager
Cc: Michael P. Clarke, Esq., Solicitor; Terry Castorina, Executive Assistant to the Township Manager

FROM: Mike Narcowich, AICP, Community Planning Assistant Manager
and Abington Township Planning Consultant

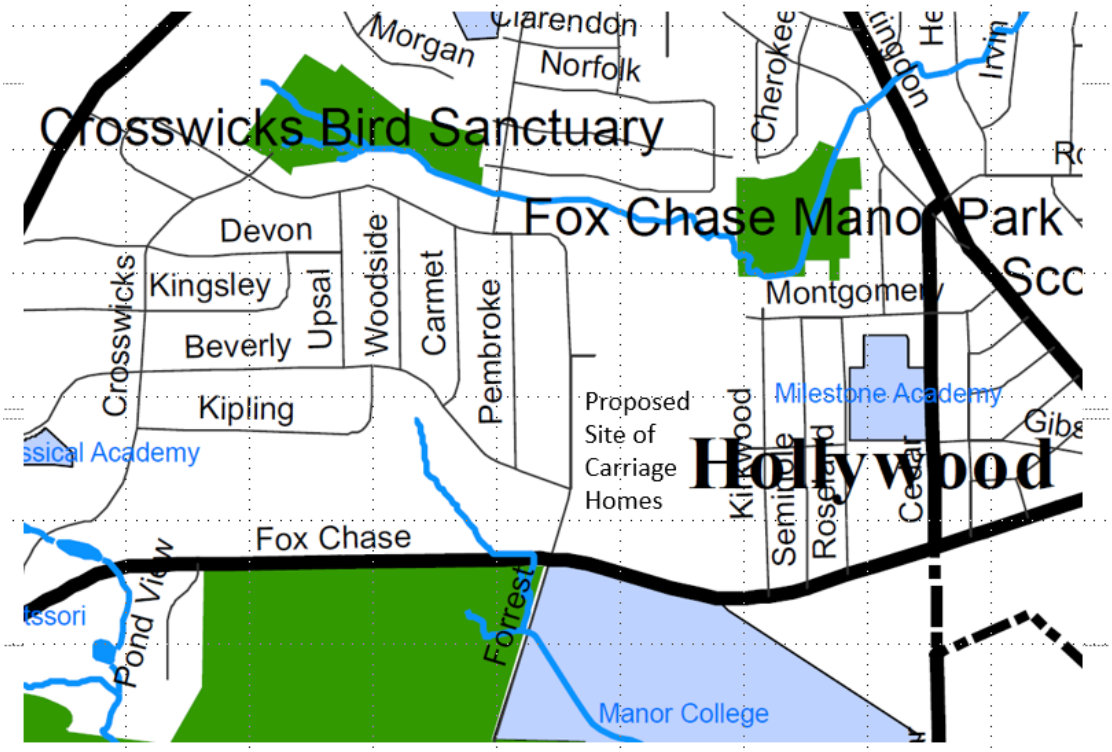
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1. Spot-Zoning. We defer to the solicitor, but to us, this appears to be a case of spot zoning. It would allow townhomes/carriage homes in an area that is not distinguishable from the surrounding area. Why not have the SNR Senior Neighborhood Residential zoning district apply to this site? The SNR allows a density of 3.2 dwelling units (DU) per acre; this proposal is for only slightly more (3.4 DU/Ac.).
2. Transportation and Parking.
    a. The street grid, including sidewalks, should be interconnected. There are existing streets that should be continued onto the site to strengthen the vehicular and pedestrian transportation network. This would improve access for residents and emergency vehicles, promote walking and healthy lifestyles, and make it easier to access the bus routes, amenities, and services on Huntingdon Pike. ADDITION: It also strengthens community. Abingtonians want to have safe and comfortable walking options.
    b. The curving road intersections appear as if they are intended to calm traffic. Calming traffic is a desirable goal, but this design appears unnatural and may be confusing and disruptive to traffic flow (example: intersection of Roads A and E).
    c. The Abington Township Master Bicycle Plan (see p.94) recommends that a bicycle route "14E-Manor College Trail Extension Shared Use Path" be added, that would connect the site to the Cedar Road bicycle route to the east (see map). The full route would connect McKinley Elementary to Seminole Road. It would consist of a 10-foot asphalt trail, wayfinding signage and bicycle crossing bollards.
    d. Parking. We should clarify parking requirements for this use. Subdivisions for the purposes of building townhouses require 2 spaces (not counting garages) plus ¼ space per unit for developments over 16 units.



3. Open Space.
    a. There is not enough usable open space.
    b. Open space is subject to the requirements of §2601.K.
        i. Open space shall be visible from dwellings and roadways.
        ii. Open space area must have safe and convenient pedestrian and maintenance access, without obstruction of an intervening lot(s), structures, fences, or other impediments.
        iii. No more than three noncontiguous areas may count towards the open space requirements.
    c. Guest parking should not be allowed in the open space.

d. Could a trail be located in the stream corridor? Eventually it might connect to Fox Chase Manor Park. Short, through-block trails might also be considered.



e. Proposed amendment, section 1712.C.: Land preserved for open space purposes shall be in compliance with Open Space Standards of the SALDO ~~for the~~ and Township Zoning Ordinance; provided however that …

f. The tract buffer seems unnecessarily large. We recommend locating a trail in the buffer.

4. Housing Types and Design.

a. Zoning's H-9 Townhouse Dwelling Unit (Single-Family Attached) Use should be used as a point of reference and should influence this text amendment. Some requirements from that use should be added to this text amendment. For example, the requirement that end units have side-loaded garages (intended to prevent a "snout house" development, with garages and driveways dominating the façade/front of house). There is a requirement that off-street parking spaces be located to the side or rear, and for a small planting strip to separate adjacent driveways. Internal townhouse units have a limit on the percentage (30%) of the front façade that the garage may occupy.

b. Types. We recommend the ordinance be more flexible regarding permitted unit types, so that more than simply townhomes are permitted. What about duplexes? Triplexes? Quadruplexes? Twins? Adding those uses would make the site more adaptable to changing real estate market conditions and housing unit type preferences.

c. Design.

i. Will there be room for street trees, interspersed throughout the development? Street trees are shown, but space appears limited. When sidewalks are added to the plans it may turn out that there is not room for some of the trees.

ii. Garages. The siting of the garages may create a façade dominated by garage doors. Are renderings available?

5. County Comprehensive Plan. The site lies in the "Suburban Residential Area" future land use category of MONTCO2040: A Shared Vision, the Comprehensive Plan for Montgomery County. This land use category says that appropriate landscaping and street trees should be provided by all developments, and that recreation facilities and central open space should be provided.

6. Landscaping.

a. Stormwater Basin. The basin along Fox Chase Road will be located in a prominent location, and should be sufficiently naturalized and landscaped.

b. Where the backs of two rows of homes abut one another, we recommend adding landscaping for buffering the homes and creating a greater sense of privacy and visual interest, similar to that behind units # 57-61.

c. The pool and clubhouse should be screened from units #140-143.

d. ADDITION: grass has very little habitat value. It results in an overcrowded development with very little room for street trees and centrally-located, usable open space.

7. Riparian Corridor. The site is subject to the requirements of Article XV: the Riparian Corridor Conservation District. We recommend the boundaries of the corridor be designated on the plan.

8. Fiscal Impact Study. The township may wish to request a fiscal impact study from the applicant.

TRAFFIC PLANNING AND DESIGN, INC.

WWW.TRAFFICPD.COM

Memorandum

To: Richard Manfredi, Manager - Abington Township

From: Greg Richardson, P.E.

Date: August 16, 2022

Re: Sister of St. Basil – Active-Adult Development
Traffic Review #1
Abington Township, Montgomery County, PA
TPD No. ABTO.00033

cc: Board of Commissioners
Planning Commission
Tim Clark
Ashley McIlvaine
Terry Castorina
Khal Hassan, P.E.
Allison A. Lee, P.E.

Per your request and on behalf of Abington Township, Traffic Planning and Design, Inc. (TPD) has completed a traffic review of the above-referenced application. TPD reviewed the following documents:

- Traffic Impact Assessment prepared by McMahon Associates, Inc. – Dated February 10, 2022
- Concept "L" Plan prepared by ESE Planning – Dated January 19, 2022.

The following are our comments:

Traffic Impact Study

1. The turning movement counts used in the TIS were conducted in January 2022. The Applicant's engineer should confirm that Manor College was in session during the time of the data collection. Otherwise, seasonal adjustments should be made to study area traffic volumes to account for college commuter traffic.
2. The trip generation projections for the former use should be based on ITE Land Use Code 534 (Private High School), as this land use is more representative of the student demographics.

3. It does not appear that right turn on red (RTOR) volumes were collected during the data collection. Unless RTOR volumes were field measured, turn off the RTOR setting in the capacity analysis for the study area intersections.
4. The timing inputs for the Fox Chase Road and Forrest Avenue should be revised for the weekday PM peak hour analysis to reflect Max 1 splits for the Forest Avenue approaches.
5. The Applicant should coordinate with SEPTA to review the existing bus stops in the immediate project area and explore the possibility of providing shelters and pedestrian connectivity along the site frontage.
6. Modifications to the northbound Manor College Drive will be necessary to provide proper alignment with the proposed boulevard-style access driveway for the development.
7. It is recommended that the Applicant fully modernize the traffic signal in conjunction with the roadway improvements for the development.

Sketch Plan

1. Due to the type of proposed development (active-adult), separate left and right turn lanes should be provided on Fox Chase Road at its intersection with the Manor College driveway and the proposed site driveway.
2. The anticipated parking for the development should be specified and clearly identified on the plan. Consideration should be given to providing on-street parking which is spread evenly throughout the development to accommodate visitors, special events, families, etc. The Applicant should explore traffic calming measures in conjunction with on-street parking, such as curb extensions and midblock bump-outs, to reduce vehicle speeds on the long and straight internal roads.
3. Additional details should be provided on the clubhouse operations to determine the appropriate amount of parking that may be necessary to service its intended use.
4. Sight lines should be shown on the plans indicating conformance with the sight distance measurement and clear sight line requirements outlined in the Abington Township Subdivision and Land Development Ordinance.
5. The need for streetlighting along the internal roads and along the property frontage on Fox Chase Road should be discussed with the Township.
6. The Township Fire Chief should review the plan and approve the proposed circulation patterns.

General

1. Since any modifications to the signalized intersection of Fox Chase Road, the Manor College driveway, and the proposed site driveway is subject to PennDOT review and approval, any correspondence to and from the Department must also be coordinated with our office and the Township, and evaluated and addressed accordingly in subsequent submissions.

2. A response letter must be provided with the resubmission detailing how each comment above has been addressed, and where each can be found in the resubmission materials (i.e., plan sheet number(s), page number(s), etc.) to assist in the re-review process.

TPD reserves the right to make additional comments upon receipt of additional documents or changes to the plan and studies

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-08-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Police		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

New Officer Appointment

EXECUTIVE SUMMARY:

Over the last few years vacancies have been created within the Department due to Officer McGinley leaving, the retirements of Lt. Tom Scott and Ofc. Levy and the passing of Detective Steve Henze. The Department will also experience additional vacancies with the retirement of Detective Rick Beaghley in October and Sergeant Roger Gillispie in February 2023. This manpower challenge has been exacerbated by the fact that the Department is also experiencing a personnel shortage, due to officers being out with extended, long-term injuries, illnesses and deployment, placing a significant strain on the Department.

The appointment of these five Officers was budgeted and planned for by the administration by administering an Entry Level Police Officer Exam. The written examination for the position of Police Officer was held on July 15th and 16th, 2022 . The Physical Agility Test was administered on August 6th 2021. The Oral Interviews were conducted August 22nd, 2022 through September 9th, 2022.

PREVIOUS BOARD ACTIONS:

The Board previously approved the hiring of 2 new officers if January 2022.

RECOMMENDED BOARD ACTIONS:

Motion to appoint candidates ranked 1, 2, 3, 4 and 5 from the Civil Service Eligibility list to the position of Probationary Police Officer provided they successfully complete the background investigation, physical and psychological exams and all entry requirements of the Municipal Police Officer's Education and Training Commission for Act 120 Training effective October 31, 2022.

ABINGTON TOWNSHIP CIVIL SERVICE COMMISSION

Edward Nolan, Chairman
Philip Beal, Vice Chairman
Diane Misko, Secretary
Martre Manning, Alternate

ELIGIBILTY LIST: PATROL OFFICER CANDIDATES
Written Examination: July 15 and 16, 2022

Rank	Last Name	First Name	Written Score	Written 40%	Oral Score	Oral 60%	Military	Total
1	CARNEY	MATTHEW	88.52	35.41	78.75	47.25	10.00	92.66
2	THOMAS	DION	88.28	35.31	77.00	46.20	10.00	91.51
3	MORICONI	NICHOLAS	90.82	36.33	86.50	51.90		88.23
4	RAY	MARQUISE	83.12	33.25	89.75	53.85		87.10
5	IBBOTSON	MATTHEW	84.09	33.64	88.00	52.80		86.44
6	STAHL	ANDREW	87.55	35.02	85.50	51.30		86.32
7	BERTRAND	ANDY	84.56	33.82	86.75	52.05		85.87
8	GIANTONIO	ROBERT	83.05	33.22	87.00	52.20		85.42
9	COMFORT	RYAN	88.18	35.27	83.50	50.10		85.37
10	CRANE	PAUL	87.93	35.17	82.00	49.20		84.37
11	DELGIUDICE	RAYMOND	87.49	35.00	81.50	48.90		83.90
12	STALEY	DANIEL	90.33	36.13	79.25	47.55		83.68
13	CORSON	DANIEL	89.53	35.81	78.50	47.10		82.91
14	EVANGELISTA	ROBERT	88.00	35.20	77.75	46.65		81.85
15	DEVORE JR	JOHN	84.71	33.88	78.00	46.80		80.68
16	BOLANOS	CAROLINA	89.99	36.00	73.50	44.10		80.10
17	BRADY	ANDREW	79.85	31.94	79.25	47.55		79.49
18	STILLMAN	MARK	87.25	34.90	74.25	44.55		79.45
19	MATOZZO	DAVID	84.32	33.73	74.75	44.85		78.58
20	LEARY	KALE	80.24	32.10	77.25	46.35		78.45
21	JAVIER	CHRISTOPHER	80.97	32.39	75.50	45.30		77.69
22	RICHTER	MATTHEW	83.94	33.58	73.00	43.80		77.38

Rank	Last Name	First Name	Written Score	Written 40%	Oral Score	Oral 60%	Military	Total
23	BAIAMONTE	ANTHONY	85.13	34.05	71.25	42.75		76.80
24	PROFIT	ANDREW	85.42	34.17	71.00	42.60		76.77
25	MCCALISTER	JACQUELINE	82.14	32.86	73.00	43.80		76.66
26	ABBONIZIO	JUSTIN	78.02	31.21	72.75	43.65		74.86
27	MONTILLA	OMAR	78.99	31.60	71.00	42.60		74.20
28	LESSER	ERIK	65.45	26.18	79.25	47.55		73.73

Date of Written Examination: July 15 and 16, 2022

Date of Physical Agility Test: August 6, 2022

Date of Oral Examination: August 22 through September 9, 2022

Date Eligibilty List Adopted: September 16, 2022

Date Eligibility List Expires: September 16, 2023

Edward Nolan | Philip Beal, Vice Chairman | Diane Misko, Secretary | Martre Manning, ~~Alternate~~

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-09-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Administration		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

629 Roslyn Avenue

EXECUTIVE SUMMARY:

These waivers are granted subject to the following conditions:

1. Applicant shall submit an amended plan containing a note indicating that the waiver of these two sections is with respect to the Subdivision application only, and, at any time in the future, should the Township require the installation of curbs and sidewalks and/or the reimbursement for installation of the same, the Property Owner or his/her successors in interest shall be fully responsible for the cost of same at then current prices.
2. Applicant shall enter into an Agreement satisfactory to the Township Solicitor addressing future curb and sidewalk installation consistent with the plan note, which shall be recorded against the Property located at 625 Roslyn Avenue.
3. All other conditions set forth in the original Approval letter dated March 19, 2019 shall remain in full force and effect.

PREVIOUS BOARD ACTIONS:

03-14-19 - The Board of Commissioners approved the 2-lot subdivision located at 629 Roslyn Avenue.

RECOMMENDED BOARD ACTIONS:

Motion to grant amended final subdivision approval for 629 Roslyn Avenue, such that the following additional waivers are granted with respect to newly created Lot 2, also know as 625 Roslyn Avenue, Tax Map Parcel Number 30-00-59356-01-4, subject to the conditions set forth in the Executive Summary:

1. Section 146-27.A- Sidewalks
2. Section 146-27.F - Curbs

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-10-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Administration		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

Adoption of Ordinance SALDO exemption and waiver process for PC

EXECUTIVE SUMMARY:

This Ordinance will amend the Code of the Township of Abington at Part II [General Legislation], Chapter 146 [Subdivision and Land Development], by amending and restating Article III [Plan Application Requirements] and Article IV [Plan Review Procedures] and adding Article VIII [Waiver of Land Development] to create additional exemptions of the Land Development process, to create a process for notification of property owners and residents regarding the review of Land Development application by the Planning Commission, and to create a process for a waiver of Land Development.

PREVIOUS BOARD ACTIONS:

9/8/22 - The Board of Commissioners approved advertisement of Ordinance 2197

RECOMMENDED BOARD ACTIONS:

Motion to adopt Ordinance No 2197 amending the Code of the Township of Abington at Part II [General Legislation], Chapter 146 [Subdivision and Land Development], by amending and restating Article III

[Plan Application Requirements] and Article IV [Plan Review Procedures] and adding Article VIII [Waiver of Land Development] to create additional exemptions of the Land Development process, to create a process for notification of property owners and residents regarding the review of Land Development application by the Planning Commission, and to create a process for a waiver of Land Development.

TOWNSHIP OF ABINGTON

ORDINANCE NO. 2197

AN ORDINANCE AMENDING THE CODE OF THE TOWNSHIP OF ABINGTON AT PART II [GENERAL LEGISLATION], CHAPTER 146 [SUBDIVISION AND LAND DEVELOPMENT], BY AMENDING AND RESTATING ARTICLE III [PLAN APPLICATION REQUIREMENTS] AND ARTICLE IV [PLAN REVIEW PROCEDURES] AND ADDING ARTICLE VIII [WAIVER OF LAND DEVELOPMENT] TO CREATE ADDITIONAL EXEMPTIONS TO THE LAND DEVELOPMENT PROCESS, TO CREATE A PROCESS FOR NOTIFICATION OF PROPERTY OWNERS AND RESIDENTS REGARDING THE REVIEW OF LAND DEVELOPMENT APPLICATIONS BY THE PLANNING COMMISSION, AND TO CREATE A PROCESS FOR A WAIVER OF LAND DEVELOPMENT

CERTIFICATION

I, RICHARD J. MANFREDI, BEING DULY SWORN ACCORDING TO LAW, DEPOSE AND SAY THAT I AM THE TOWNSHIP MANAGER IN ABINGTON TOWNSHIP, MONTGOMERY COUNTY, PA AND THAT ATTACHED HERETO IS A TRUE AND COMPLETE CORRECT COPY OF ORDINANCE NO. _____.

_____

Richard J. Manfredi, Township Manager

_____, 2022

ENACTED: _____

TOWNSHIP OF ABINGTON

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE CODE OF THE TOWNSHIP OF ABINGTON AT PART II [GENERAL LEGISLATION], CHAPTER 146 [SUBDIVISION AND LAND DEVELOPMENT], BY AMENDING AND RESTATING ARTICLE III [PLAN APPLICATION REQUIREMENTS] AND ARTICLE IV [PLAN REVIEW PROCEDURES] AND ADDING ARTICLE VIII [WAIVER OF LAND DEVELOPMENT] TO CREATE ADDITIONAL EXEMPTIONS TO THE LAND DEVELOPMENT PROCESS, TO CREATE A PROCESS FOR NOTIFICATION OF PROPERTY OWNERS AND RESIDENTS REGARDING THE REVIEW OF LAND DEVELOPMENT APPLICATIONS BY THE PLANNING COMMISSION, AND TO CREATE A PROCESS FOR A WAIVER OF LAND DEVELOPMENT

WHEREAS, the Board of Commissioners of Abington Township is duly empowered by the First Class Township Code, 53 P.S. § 55101, *et seq.*, to enact certain regulations relating to the public health, safety welfare of the residents of Abington Township;

WHEREAS, the Board of Commissioners of Abington Township has adopted a subdivision and land development ordinance, known as the Subdivision and Land Development Regulations of the Township of Abington, as amended, in accordance with the provisions of Article V of the Pennsylvania Municipalities Planning Code, 53 P.S. § 10101, *et seq.*, which is intended to provide for the orderly development and redevelopment of Abington Township;

WHEREAS, the First Class Township Code and Pennsylvania Municipalities Planning Code, *supra*, authorize the Board of Commissioners to make, amend and adopt amendments to the Subdivision and Land Development Regulations of the Township of Abington, as amended, that are consistent with the Constitution and laws of the Commonwealth that it deems necessary for the proper management and control of the Township and the best interests of its residents;

WHEREAS, the Board of Commissioners of Abington Township have determined that certain amendments to the Subdivision and Land Development Regulations of the Township of Abington, as amended, are required for the orderly administration of the laws of Abington Township;

WHEREAS, the Board of Commissioners of Abington Township have determined that certain amendments to the Subdivision and Land Development Regulations of the Township of Abington, as amended, are required to provide for clarity in the administration of the laws of Abington Township;

WHEREAS, the Board of Commissioners of Abington Township have determined that certain amendments to the Subdivision and Land Development Regulations of the Township of Abington, as amended, are required to provide for safe and proper design and regulation of land development within Abington Township.

NOW, THEREFORE, IT IS HEREBY ENACTED AND ORDAINED by the Abington Township Board of Commissioners that the Township's Code is amended as follows:

SECTION 1. **Amendment to Chapter 146 [Subdivision and Land Development], Article III [Plan Application Procedures], Section 9 [Type of Application], Subsection C [Types] to create additional exemptions to the land development process.**

The Code of the Township of Abington, Part II [General Legislation], Chapter 146 [Subdivision and Land Development], Article III [Plan Application Procedures], Section 9 [Type of Application], Subsection C [Types] is hereby restated and amended with the underlined language (example) as follows:

(2) Land development plan.

…

(b) Exception. A land development plan shall not be required for approval by the township when development involves:

…

[4] A boundary line adjustment between adjoining property owners where no new lots are involved and in accordance with the following procedures:

[a] Upon request to the Board of Commissioner, the Commissioners may exempt a boundary line adjustment from normal submission and plan preparation requirements as set forth in this article.

[b] The written request for exemption shall be accompanied by a plan of the proposed adjustment or subdivision, which will enable the Commissioners to determine that the boundary line adjustment will not result in a lot which does not conform with the minimum requirements of the Zoning Ordinance and does not prevent the logical development of the remaining tract. The plan shall meet the following requirements:

(1) The plan shall be a clear and legible reproduction of the Tax Map, illustrating the area which includes the adjustment or subdivision.

(2) The plan shall illustrate the existing and proposed lot lines, the existing streets in the area and the existing structures on the properties involved.

(3) Approval by the Board of Commissioners and recording, where required.

(4) Payment of fees.

[5] Interior allocation of space of an existing multi-unit commercial or industrial development provided that no modifications to public improvements are proposed or required to permit compliance with the provisions of this Chapter or the Zoning Ordinance.

[6] The Board of Commissioners may require minor land development submission as required by this Chapter in place of building and grading permits when conditions shall warrant. The Board of Commissioners may permit submission of a plan through the building and grading process in place of the processes outlined in this Chapter where, in the distraction of the Board of Commissioners, the plan is consistent with the overall objectives and standards of this Chapter, even though strict compliance with the terms outlined herein is not met.

SECTION 2. **Amendment to Chapter 146 [Subdivision and Land Development], Article IV [Plan Review Procedures], Section 14 [Review Sequence] to create a process for notification of property owners and residents regarding the review of land development applications by the Planning Commission.**

The Code of the Township of Abington, Part II [General Legislation], Chapter 146 [Subdivision and Land Development], Article IV [Plan Review Procedures], Section 14 [Review Sequence] is hereby restated and amended with the underlined language (example) as follows:

F. Notice procedure.

(1) Prior to the review of the Township Planning Commission, as stated above at § 146-14.E(6), the applicant shall provide notice of the first meeting of the Township Planning Commission at which the applicant's application will be reviewed.

(2) Notice shall be sent to the owner or owners of every lot on the same street within five hundred (500) feet of the lot(s) proposed for development, and of every lot not on the same street within two hundred fifty (250) feet of the said lot(s) proposed for development. The notices herein required shall be delivered by first class mail or hand delivery at least seven (7) days prior to the scheduled meeting, shall state the location of the proposed development, the general nature of the proposed development, and the date, time and location of the meeting.

SECTION 3. **Amendment to Chapter 146 [Subdivision and Land Development], Article VIII [Modification and Validity] to create a new Section and renumber subsequent Sections.**

The Code of the Township of Abington, Part II [General Legislation], Chapter 146 [Subdivision and Land Development], Article VIII [Modification and Validity] is hereby restated and amended to create a new Section 51 entitled [Waiver of Land Development] and renumber subsequent Sections as follows: Section 52 [Appeals], Section 53 [Severability], Section 54 [Repealer], Section 55 [Effective Date] and Section 56 [Enactment].

SECTION 4. **Amendment to Chapter 146 [Subdivision and Land Development], Article VIII [Modification and Validity], Section 51 [Waiver of Land Development] to create a process for a waiver of land development.**

The Code of the Township of Abington, Part II [General Legislation], Chapter 146 [Subdivision and Land Development], Article VIII [Modification and Validity], Section 51 [Waiver of Land Development] is hereby restated and amended to include the underlined language (example) as follows:

§ 146-51. Waiver of land development.

A. The applicant shall prepare and submit to the Township a preliminary/final plan, the application form, and a letter requesting a waiver from the land development plan approval process. The requirements of the preliminary/final plan found in this Article must be met unless specific waivers are requested and granted by the Board of Commissioners.

B. Applicant shall submit the appropriate fee for review of a land development plan, copies of the preliminary/final plan in accordance with § 149-14.B, application, and a letter to the Township, and request that a review be scheduled with the Township Planning Commission. If, upon review by the Township, the land development waiver request is acceptable, that portion of the fee submitted by the applicant that is required for review of a land development plan shall be refunded to the applicant.

C. The Township Zoning Official shall review the submission for completeness, and if the submission is incomplete, shall return the submission to the applicant within seven (7) working days and indicate the deficiencies. If the submission is complete, the Township Zoning Official shall accept the preliminary/final plan, application, request letter, and fees.

D. The Township Zoning Official shall, upon acceptance of a complete submission, immediately distribute copies of the preliminary/final plan, application, and request letter, with a request to review, in accordance with § 146-14.D.

E. The Township Engineer shall, within thirty (30) days following the receipt of the plan from the Township:

(1) Review the applicant's submission for compliance with all applicable requirements of the Zoning Ordinance, this Chapter, the Municipal Comprehensive Plan, and all other ordinances and regulations.

(2) Review the engineering considerations in the applicant's submission.

(3) Prepare a report for the Planning Commission and Board of Commissioners, including a recommendation for the granting or denial of the waiver from the land development plan approval process.

F. Action of Planning Commission.

(1) Within sixty (60) days following the receipt of a complete preliminary/final plan submission, the Planning Commission shall, at a public meeting:

(a) Review the applicant's submission.

(b) Review all reports and recommendations received.

(c) Evaluate the plan, reports, and any discussion of the plan.

(d) Determine whether the preliminary/final plan meets the objectives and requirements of this chapter, the Municipal Comprehensive Plan, and other ordinances.

(e) Recommend revisions, if necessary, so that the plan will conform to Township regulations.

(f) Recommend granting or denying the waiver from the land development plan approval process.

(2) The requirements of § 146-14.F pertaining to notice shall be applicable.

G. Actions by the Board of Supervisors.

(1) Following the receipt of the Township Planning Commission's recommendation, the Board of Commissioners shall, at a public meeting:

(a) Receive and review the applicant's submission.

(b) Receive and review the reports of the Township Engineer, Township Fire Marshal, Township Traffic Engineer, any other reports submitted, and the recommendation of the Township Planning Commission.

(c) Evaluate the applicant's submission, the Township Engineer's report, the Planning Commission's recommendation, and any other appropriate reports.

(d) Determine whether the preliminary/final plan meets the objectives and requirements of this chapter, the Zoning Ordinance, the Municipal Comprehensive Plan, and other ordinances.

(e) Adopt a resolution approving or rejecting the request for a waiver from the land development plan approval process. If the waiver request is approved, the Board shall express its approval and state the conditions of approval, if any. If the request is not approved, the Board shall state the reasons for disapproval.

(f) The decision of the Board of Commissioners and any conditions imposed by the Board shall be in writing and shall be communicated to the applicant or the applicant's agent personally or be mailed to him at the last known address not later than fifteen (15) days following the decision or within such time limits as may be required by the Pennsylvania Municipalities Planning Code.

(g) Approval of the waiver request shall be rescinded automatically upon the applicant's or applicant's agent's failure to accept, in writing, all conditions imposed by the Board of Commissioners within seven (7) days of receipt of the written decision.

H. If approved:

(1) Applicant shall submit one (1) copy of the final plan to the Township Engineer, who shall issue a letter specifying the number and format of plans required for signatures and recording. Prior to submission of the plans for Township signatures and recording, applicant shall have the record plan signed by the property owner.

(2) After all other signatures, as required by this Chapter, are on the preliminary/final plan, the Board of Commissioners shall sign the preliminary/final plan.

(3) The property owner and, if different, the applicant, shall record the plan in the office of the Recorder of Deeds of Montgomery County, as provided under this Chapter.

I. Approval of the request for a waiver from the land development plan approval process shall constitute approval of the project and, following the completion of the recording procedure, the authorization for the construction of the site improvements and buildings. A developer's agreement will not be required; however, building permits will be required and the applicant shall be required to post appropriate escrow with the Township to cover the cost of inspections.

J. Criteria for the waiver from the land development plan approval process. In order to qualify for a waiver from the land development plan approval process, the applicant shall meet the following criteria:

(1) The application is for a primary disturbance of less than 10,000 square feet or construction of a primary building of less than 10,000 square feet.

(2) The application is for a minor building addition or an accessory building that is not more than 20% of the existing principal building;

(3) The application is for a minor building addition or an accessory building that is not more than 10,000 square feet in size; and

(4) All applicable zoning requirements, including building setbacks and building and impervious surface coverages, must be met.

K. A waiver from the land development plan approval process shall not be granted if there is a significant impact upon neighboring properties, stormwater management control requirements, traffic, or the public health, safety, and welfare.

L. A proposed development receiving a waiver of land development in accordance with the provisions of this Section shall still be required to obtain building, grading, and all other applicable permits required under the Township's Code of Ordinances.

SECTION 5. Repeal and Ratification.

All ordinances or parts of ordinances inconsistent herewith or in conflict with any of the specific terms enacted hereby, to the extent of said inconsistencies or conflicts, are hereby specifically repealed. Any other terms and provisions of the Township's Code unaffected by this Ordinance are hereby reaffirmed and ratified.

SECTION 6. Severability.

Should any section, paragraph, sentence, clause, or phrase in this Ordinance be declared unconstitutional or invalid for any reason, the remainder of the Ordinance shall not be affected thereby and shall remain in full force and affect, and for this reason the provisions of this Ordinance shall be severable.

SECTION 7. **Effective Date.**

This Ordinance shall become effective 5 days after enactment.

ORDAINED AND ENACTED this _____ day of _____ 2022, by the Board of Commissioners of the Township of Abington.

TOWNSHIP OF ABINGTON
BOARD OF COMMISSIONERS

_____
THOMAS HECKER
President

[Seal]

Attested by:

_____
Richard J. Manfredi
Township Manager & Secretary

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	BOC-11-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Community Development		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

Substantial Amendments to CDBG Program (PY 2015,2017,2018,2019,2020,2021)

EXECUTIVE SUMMARY:

The Township of Abington is substantially amending its FY 2015, 2017, 2018, 2019, 2020, and 2021 Annual Action Plans to reallocate unused funds in the amount of $185,458.73 in regular funds and $20,000 in CDBG-CV funds.
CDBG unused funds include projects that were either cancelled or came in under budget. These funds are be reallocated to support the Old Welsh Road Sidewalk Improvements.
CDBG-CV funds are being reallocated from the Small Business Assistance program, which has seen no applicants since its inception, toward a broad band connectivity project which will allow the Abington Free Library to continue meeting the increased need for internet that began with the COVID-19 pandemic.

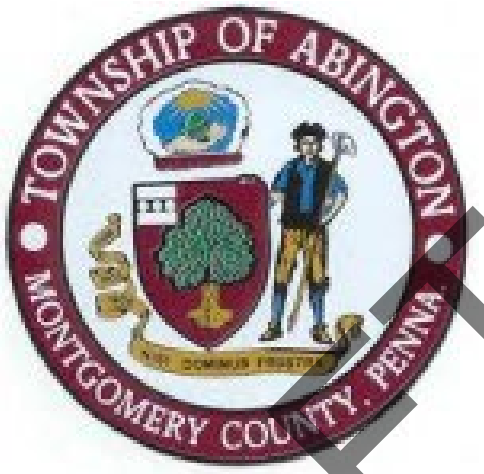
PREVIOUS BOARD ACTIONS:

Previous approval of the annual action plans and associated projects and activities.

RECOMMENDED BOARD ACTIONS:

Motion to adopt the substantial amendments to the 2015, 2017, 2018, 2019, 2020, and 2021 CDBG Annual Action Plans as presented at the July 14, 2022 Board of Commissioners meeting.

ABINGTON TOWNSHIP, PENNSYLVANIA



DRAFT

SUBSTANTIAL AMENDMENT TO:

FY 2015 CDBG PROGRAM FY 2017 CDBG PROGRAM

FY 2018 CDBG PROGRAM FY 2019 CDBG PROGRAM

FY 2020 CDBG PROGRAM FY 2021 CDBG PROGRAM

SUBMITTED BY:
Office of Community Development
Township of Abington
1176 Old York Road
Abington, PA 19001

SUBMITTED TO:
U.S. Department of Housing & Urban Development
The Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107

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DRAFT

A. EXECUTIVE SUMMARY –

It is necessary for the Township of Abington to process a "Substantial Amendment" to the Township's FY 2015, 2017, 2018, 2019, 2020, and 2021 Annual Action Plans for the use of Community Development Block Grant (CDBG) and Community Development Block Grant – CARES (CDBG-CV) funds. In accordance with the CDBG Program's Regulations, the Township is allowed to make substantial amendments to its Annual Plans and Budgets in accordance with the Township's Citizen Participation Plan.

The Township has determined that it is necessary to amend previously approved CDBG program years' budgets as some of these activities are completed with a remaining balance, cancelled, changed budget amounts, or create new projects.

These are considered substantial amendments in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan; (c.) a change in the purpose, scope, location or beneficiaries of a previously approved activity; (d.) the use of Program Income that was not previously allocated to an eligible activity; (e.) deletion or elimination of a previously approved activity; and (f.) a change of 50% of more of a line item amount of an approved activity, either increased or decreased.

DRAFT

The following changes are proposed for the FY 2015, 2017, 2018, 2019, 2020, and 2021 Annual Action Plans for the use of Community Development Block Grant (CDBG) and Community Development Block Grant – CARES (CDBG-CV) funds:

FY 2015 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity with $590.86
- Reduce Administration activity (2015-1) by $590.86

FY 2017 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity with $35,610.35
- Reduce Rental Rehabilitation (2017-4) activity by $29,371.46
- Allocate uncommitted funds of $6,238.89

FY 2018 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity with $1,669.54
- Reduce Fair Housing activity (2018-2) by $185

- Reduce Parkview Avenue activity (2018-4) by $1,484.54

FY 2019 Annual Action Plan:

- Increase existing “Welsh Road Curbs & Sidewalks” activity (2019-4) by $19,218.98
- Reduce the “Ardsley Community Center Chair Lift” activity (2019-5) by $18,893
- Reduce the “Fair Housing” activity (2019-2) by $185
- Reduce the “LMA Paving Improvements” activity (2019-12) by $140.98
- Create new activity “CV LMI High-Speed Internet Connectivity” $20,000
- Reduce “CV Small Business Assistance” activity (2019-15) by $20,000

FY 2020 Annual Action Plan:

- Create “Old Welsh Road Sidewalk Improvements” activity $50,000
- Cancel the “TBRA” Activity (2020-4) $50,000

FY 2021 Annual Action Plan:

- Increase Old Welsh Road Sidewalk Improvements” (2021-9) by $78,369
- Cancel Rental Rehabilitation (2021-8) ($33,369)
- Cancel Spot Blight Demo (2021-7) ($30,000)
- Cancel Job Training (2021-5) ($15,000)

DRAFT

B. CITIZEN PARTICIPATION –

The Township of Abington held a Public Hearing on Wednesday, September 21, 2022. Attached is a copy of the advertisement that appeared in the local newspaper, as well as the meeting sign-in sheet and meeting notes.

DRAFT

NOTICE OF DISPLAY OF PLANS AND PUBLIC HEARING

FOR AMENDMENT TO FY 2015, 2017, 2018, 2019, 2020, and 2021 CDBG FUNDS FOR THE TOWNSHIP OF ABINGTON, PA

Notice is hereby given that the Township of Abington, Montgomery County, Pennsylvania has prepared amendments to the FY 2015, 2017, 2018, 2019, 2020, 2021 Annual Action Plans. In accordance with the regulations and requirements of the U.S. Department of Housing and Urban Development (HUD), these plans will be on public display for a period of 30 days, beginning September 6, 2022 until October 6, 2022 at the following locations:

PHYSICAL COPY: The Township of Abington

Department of Community Development

1176 Old York Road, Abington, PA 19001

ELECTRONIC COPY: https://www.abingtonpa.gov/cd

DRAFT

These plans are available for public inspection during normal business hours of operation. An electronic copy may be obtained by emailing khamm@abingtonpa.gov. Written or oral comments will be accepted until October 6, 2022. Comments may be directed to Ms. Kimberly Hamm, Director of Community Development, 1176 Old York Road, Abington, PA 19001, or emailed to khamm@Abingtonpa.gov, or phone at (267) 536-1019.

A public hearing will be held on September 21, 2022 at 10:00 AM at the Township Building, 1176 Old York Road, First Floor Conference Room, Abington, PA 19001 and by virtual conference call. There are two ways for the public to virtually participate in the meeting. Residents can access the meeting online, by a computer, iPad, iPhone or Android at https://us06web.zoom.us/j/88306082903. This link will enable residents to hear the meeting and see presentations. There will be no video capabilities. Residents, who are unable to join online, can listen to the meeting by calling 1-929-436-2866 and entering the meeting ID number 883-0608-2903 when prompted.

Any person requiring an interpreter for the hearing impaired or the visually impaired should contact Ms. Hamm at least five-(5) calendar days prior to the meeting and an interpreter will be provided. In addition, hearing-impaired persons may call Pennsylvania Relay at 711. Any non-English speaking person wishing to participate the public hearing should contact Ms. Hamm at least five (5) calendar days prior to the meeting and a language interpreter will be provided. Cualquier persona que no habla Inglés que desean asistir a la audiencia pública deben comunicarse con la Sra Hamm cinco (5) días calendario antes de la reunión y un intérprete de lenguaje se proporcionará.

The Township of Abington is substantially amending its FY 2015, 2017, 2018, 2019, 2020, and 2021 Annual Action Plans to reallocate unused funds in the amount of $185,458.73 in regular funds and $20,000 in CDBG-CV funds. These are considered substantial

amendments in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan; (c.) a change in the purpose, scope, location or beneficiaries of a previously approved activity; (d.) the use of Program Income that was not previously allocated to an eligible activity; (e.) deletion or elimination of a previously approved activity; and (f.) a change of 50% of more of a line item amount of an approved activity, either increased or decreased.

The following CDBG activities are amended under the FY 2015 Annual Action Plan:

Create "Old Welsh Road Sidewalk Improvements" activity with $590.86

Reduce Administration activity (2015-1) by $590.86

The following CDBG activities are amended under the FY 2017 Annual Action Plan:

Create "Old Welsh Road Sidewalk Improvements" activity with $35,610.35

Reduce Rental Rehabilitation (2017-4) activity by $29,371.46

Allocate uncommitted funds of $6,238.89

The following CDBG activities are amended under the FY 2018 Annual Action Plan:

Create "Old Welsh Road Sidewalk Improvements" activity with $1,669.54

Reduce Fair Housing activity (2018-2) by $185

Reduce Parkview Avenue activity (2018-4) by $1,484.54

The following CDBG activities are amended under the FY 2019 Annual Action Plan:

Increase existing "Welsh Road Curbs & Sidewalks" activity (2019-4) by $19,218.98

Reduce the "Ardsley Community Center Chair Lift" activity (2019-5) by $18,893

Reduce the "Fair Housing" activity (2019-2) by $185

Reduce the "LMA Paving Improvements" activity (2019-12) by $140.98

Create new activity "CV LMI High-Speed Internet Connectivity" $20,000

Reduce "CV Small Business Assistance" activity (2019-15) by $20,000

The following CDBG activities are amended under the FY 2020 Annual Action Plan:

Create "Old Welsh Road Sidewalk Improvements" activity $50,000

Cancel the "TBRA" Activity (2020-4) $50,000

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The following CDBG activities are amended under the FY 2021 Annual Action Plan:

Increase Old Welsh Road Sidewalk Improvements" (2021-9) by $78,369

Cancel Rental Rehabilitation (2021-8) ($33,369)

Cancel Spot Blight Demo (2021-7) ($30,000)

Cancel Job Training (2021-5) ($15,000)

TOTAL $205,458.73

The plans will be submitted to the Township's Board of Commissioners on October 13, 2022 at 7:00 PM, at which time these documents will presented for approval at the regularly scheduled Board of Commissioners' Meeting.

If the Township would undertake an activity that would result in the displacement of families or individuals, then the Township would utilize its policy for minimizing such displacement. Furthermore, the Township is responsible for replacing all low- and moderate-income housing units that may be demolished or converted as a result of CDBG or HOME Funds.

All interested persons, groups, and organizations are encouraged to attend this public hearing and will be given the opportunity to present oral or written testimony concerning the proposed plans and use of Federal funds.

Honorable Thomas Hecker, President

Township of Abington Board of Commissioners

Published one time Sunday, September 4, 2022

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C. RESOLUTION –

The Township of Abington's Board of Commissioners approved the Substantial Amendment on Thursday, October 13, 2022.

Attached is a copy of the resolution that was approved by the Township's Board of Commissioners and authorized the filing of the Amendment with HUD.

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TOWNSHIP OF ABINGTON
MONTGOMERY COUNTY, PENNSYLVANIA
RESOLUTION NO. 22-____

Resolution of the Board of Commissioners of the Township of Abington, Montgomery County, Pennsylvania amending the FY 2015, FY 2017, FY 2018, FY 2019, FY 2020, and FY 2021 Annual Action Plans.

Whereas, the Township of Abington, Pennsylvania is a recipient of grant funds under the Community Development Block Grant (CDBG) Program administered by the U.S. Department of Housing and Urban Development (HUD); and

Whereas, the Township of Abington had previously approved budgets and Annual Action Plans for the FY 2015, FY 2017, FY 2018, FY 2019, FY 2020, and FY 2021 Program; and

Whereas, HUD permits grant recipients to revise and amend its previous budgets and Annual Action Plans; and

Whereas, in accordance with the Federal Regulations governing the CDBG Program certain changes and revisions to the Annual Action Plans may be considered a substantial amendment as outlined in the Township of Abington's Citizen Participation Plan; and

Whereas, it has been determined that the proposed changes and revisions to the FY 2015, FY 2017, FY 2018, FY 2019, FY 2020, and FY 2021 Annual Action Plans are a substantial amendment and the Township's Citizen Participation Plan has been followed.

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Now therefore, be it resolved by the Board of Commissioners of the Township of Abington, Montgomery County, Pennsylvania, as follows:

Section 1. The amended FY 2015, FY 2017, FY 2018, FY 2019, FY 2020 and FY 2021 Annual Action Plans are approved as presented, and as shown in the budgets for each program year which is attached and marked "EXHIBIT A".

Section 2. The President of the Board of Commissioners is hereby authorized to sign and submit the amended FY 2015, FY 2017, FY 2018, FY 2019, FY 2020 and FY 2021 Annual Action Plans to the U.S. Department of Housing and Urban Development.

ADOPTED INTO A RESOLUTION THIS 13TH DAY OF OCTOBER 2022 BY THE BOARD OF COMMISSIONERS OF THE TOWNSHIP OF ABINGTON, PENNSYLVANIA

APPROVED:

ABINGTON TOWNSHIP
BOARD OF COMMISSIONERS

_____ _____
Date Thomas Hecker, President

ATTEST:

_____ **ADOPTED:** _____
Richard Manfredi, Township Manager

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EXHIBIT A

The following substantial amendments to the FY 2015, FY 2016, FY 2017, FY 2018, FY 2019, FY 2020 and FY 2021 Annual Action Plans are approved.

FY 2015 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity with $590.86
- Reduce Administration activity (2015-1) by $590.86

FY 2017 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity with $35,610.35
- Reduce Rental Rehabilitation (2017-4) activity by $29,371.46
- Allocate uncommitted funds of $6,238.89

FY 2018 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity with $1,669.54
- Reduce Fair Housing activity (2018-2) by $185
- Reduce Parkview Avenue activity (2018-4) by $1,484.54

FY 2019 Annual Action Plan:

- Increase existing "Welsh Road Curbs & Sidewalks" activity (2019-4) by $19,218.98
- Reduce the "Ardsley Community Center Chair Lift" activity (2019-5) by $18,893
- Reduce the "Fair Housing" activity (2019-2) by $185
- Reduce the "LMA Paving Improvements" activity (2019-12) by $140.98
- Create new activity "CV LMI High-Speed Internet Connectivity" $20,000
- Reduce "CV Small Business Assistance" activity (2019-15) by $20,000

FY 2020 Annual Action Plan:

- Create "Old Welsh Road Sidewalk Improvements" activity $50,000
- Cancel the "TBRA" Activity (2020-4) $50,000

FY 2021 Annual Action Plan:

- Increase Old Welsh Road Sidewalk Improvements" (2021-9) by $78,369
- Cancel Rental Rehabilitation (2021-8) ($33,369)
- Cancel Spot Blight Demo (2021-7) ($30,000)
- Cancel Job Training (2021-5) ($15,000)

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D. FY 2015 CDBG PROGRAM

1. Budget

The following line item adjustments to the FY 2015 CDBG program budget will be:

Activity Name	Previous Budget	Adjustment	Proposed Budget
Administration	$140,000.00	($ 590.86)	$139,409.14
Old Welsh Road Sidewalk Improvements	$ 0.00	$ 590.86	$ 590.86

2. Narrative

The amendment to the FY 2015 Annual Action Plan will use $590.86 in FY 2015 unspent Administration CDBG funds to fund a new Project – Old Welsh Road Sidewalk Improvements. This Project is associated with the same Project funded with FY 2017, 2018, 2019, 2020, and 2021 CDBG funds. This action is considered a substantial amendment in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan.

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3. IDIS Project Sheet

CD-15-AM	**Project Name**	Old Welsh Road Sidewalk Improvements
	Target Area	Areawide
	Goals Supported	CD-1 Community Facilities and Infrastructure
	Needs Addressed	Community Development Need

	Funding	CDBG: $590.86
	Description	Improvements to Old Welsh Road
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	275 LMI persons/605 persons (45.4% LM) LMISD 2011-2015 ACS
	Location Description	Old Welsh Road, Abington CT 2016.03 BG 3
	Planned Activities	Matrix Code: 03L Sidewalks 24 CFR 570.201(c) National Objective: LMA Low/mod limited area benefit: activities which benefits a service area, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)

DRAFT

E. FY 2017 CDBG PROGRAM

1. Budget

The following line item adjustments to the FY 2017 CDBG program budget will be:

Activity Name	Previous Budget	Adjustment	Proposed Budget
Uncommitted Funds	$ 6,238.89	($ 6,238.89)	$ 0.00
Rental Rehabilitation	$ 60,000.00	($ 29,371.46)	$ 30,628.54
Old Welsh Road Sidewalk Improvements	$ 0.00	$ 35,610.35	$ 35,610.35

2. Narrative

The amendment to the FY 2017 Annual Action Plan will use $6,238.89 in uncommitted CDBG funds and reduce Rental Rehabilitation by $29,371.46 in CDBG funds to fund a new Project – Old Welsh Road Sidewalk Improvements. This Project is associated with the same Project funded with FY 2015, 2018, 2019, 2020, and 2021 CDBG funds. This action is considered a substantial amendment in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan.

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3. IDIS Project Sheet

CD-17-AM	**Project Name**	Old Welsh Road Sidewalk Improvements
	Target Area	Areawide
	Goals Supported	CD-1 Community Facilities and Infrastructure

	Needs Addressed	Community Development Need
	Funding	CDBG: $35,610.35
	Description	Improvements to Old Welsh Road
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	275 LMI persons/605 persons (45.4% LM) LMISD 2011-2015 ACS
	Location Description	Old Welsh Road, Abington CT 2016.03 BG 3
	Planned Activities	Matrix Code: 03L Sidewalks 24 CFR 570.201(c) National Objective: LMA Low/mod limited area benefit: activities which benefits a service area, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)

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F. FY 2018 CDBG PROGRAM

1. Budget

The following line item adjustments to the FY 2018 CDBG program budget will be:

Activity Name	Previous Budget	Adjustment	Proposed Budget
Fair Housing	$1,000.00	($185.00)	$824.00
2200 Block of Parkview Avenue	$145,000.00	($1,484.54)	$143,515.46
Old Welsh Road Sidewalk Improvements	$ 0.00	$1,669.54	$1,669.54

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2. Narrative

The amendment to the FY 2018 Annual Action Plan will reduce Fair Housing by $185.00 and 2200 Block of Parkview Avenue by $1,484.54 in CDBG funds to fund a new Project – Old Welsh Road Sidewalk Improvements. This Project is associated with the same Project funded with FY 2015, 2017, 2019, 2020, and 2021 CDBG funds. This action is considered a substantial amendment in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan.

3. IDIS Project Sheet

CD-18-AM	**Project Name**	Old Welsh Road Sidewalk Improvements
	Target Area	Areawide
	Goals Supported	CD-1 Community Facilities and Infrastructure

	Needs Addressed	Community Development Need
	Funding	CDBG: $1,669.54
	Description	Improvements to Old Welsh Road
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	275 LMI persons/605 persons (45.4% LM) LMISD 2011-2015 ACS
	Location Description	Old Welsh Road, Abington CT 2016.03 BG 3
	Planned Activities	Matrix Code: 03L Sidewalks 24 CFR 570.201(c) National Objective: LMA Low/mod limited area benefit: activities which benefits a service area, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)

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G. FY 2019 CDBG PROGRAM

1. Budget

The following line item adjustments to the FY 2019 CDBG program budget will be:

Activity Name	Previous Budget	Adjustment	Proposed Budget
Fair Housing	$ 1,000.00	($ 185.00)	$ 835.00
Ardsley Community Center Chair Lift	$108,000.00	($ 18,893.00)	$ 89,107.00
LMA Paving Improvements	$145,000.00	($ 140.98)	$144,859.02
Old Welsh Road Sidewalk Improvements	$ 0.00	$ 19,218.98	$ 19,218.98
CV Small Business Assistance	$ 20,000.00	($ 20,000.00)	$ 0.00
CV LMI High-Speed Internet Connectivity	$ 0.00	$ 20,000.00	$ 20,000.00

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2. Narrative

The amendment to the FY 2019 Annual Action Plan will reduce Fair Housing by $185.00, Ardsley Community Center Chair Lift by $18,893.00, and LMA Paving Improvements by $140.98 in CDBG funds to fund a new Project – Old Welsh Road Sidewalk Improvements. This Project is associated with the same Project funded with FY 2015, 2017, 2018, 2020, and 2021 CDBG funds. Also, the amendment to the FY 2019 Annual Action Plan will cancel CV Small Business Assistance for $20,000.00 in CDBG-CV funds to fund a new Project – CV LMI High-Speed Internet Connectivity. These actions are considered a substantial amendment in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan; and (e.) deletion or elimination of a previously approved activity.

3. IDIS Project Sheets

CD-19-AM	**Project Name**	Old Welsh Road Sidewalk Improvements
	Target Area	Areawide
	Goals Supported	CD-1 Community Facilities and Infrastructure
	Needs Addressed	Community Development Need
	Funding	CDBG: $19,218.98
	Description	Improvements to Old Welsh Road
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	275 LMI persons/605 persons (45.4% LM) LMISD 2011-2015 ACS
	Location Description	Old Welsh Road, Abington CT 2016.03 BG 3
	Planned Activities	Matrix Code: 03L Sidewalks 24 CFR 570.201(c) National Objective: LMA Low/mod limited area benefit: activities which benefits a service area, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)

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CD-19-AMCV	**Project Name**	CV LMI High-Speed Internet Connectivity
	Target Area	Areawide
	Goals Supported	CD-2 Public Services
	Needs Addressed	Community Development Need
	Funding	CDBG-CV: $20,000
	Description	The Library will offer hotspots and Chromebooks with highspeed/broadband internet connections to LMI persons.
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	100 LMI persons
	Location Description	Abington Township Public Library, 1030 Old York Road, Abington, PA 19001
	Planned Activities	Matrix Code: 05H Employment Training 24 CFR 570.201(e) National Objective: LMC Low/mod limited clientele benefit: activities which benefits a limited clientele, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)(2)

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H. FY 2020 CDBG PROGRAM

1. Budget

The following line item adjustments to the FY 2020 CDBG program budget will be:

Activity Name	Previous Budget	Adjustment	Proposed Budget
Tenant Based Rental Assistance	$ 50,000.00	($ 50,000.00)	$ 0.00
Old Welsh Road Sidewalk Improvements	$ 0.00	$ 50,000.00	$ 50,000.00

2. Narrative

The amendment to the FY 2020 Annual Action Plan will cancel Tenant Based Rental Assistance for $50,000.00 in CDBG funds to fund a new Project – Old Welsh Road Sidewalk Improvements. This Project is associated with the same Project funded with FY 2015, 2017, 2018, 2019, and 2021 CDBG funds. This action is considered a substantial amendment in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan; and (e.) deletion or elimination of a previously approved activity.

DRAFT

3. IDIS Project Sheet

CD-20-AM	**Project Name**	Old Welsh Road Sidewalk Improvements
	Target Area	Areawide
	Goals Supported	CD-1 Community Facilities and Infrastructure
	Needs Addressed	Community Development Need

	Funding	CDBG: $50,000.00
	Description	Improvements to Old Welsh Road
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	275 LMI persons/605 persons (45.4% LM) LMISD 2011-2015 ACS
	Location Description	Old Welsh Road, Abington CT 2016.03 BG 3
	Planned Activities	Matrix Code: 03L Sidewalks 24 CFR 570.201(c) National Objective: LMA Low/mod limited area benefit: activities which benefits a service area, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)

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I. FY 2021 CDBG PROGRAM

1. Budget

The following line item adjustments to the FY 2021 CDBG program budget will be:

Activity Name	Previous Budget	Adjustment	Proposed Budget
Rental Rehabilitation	$ 33,369.00	($ 33,369.00)	$ 0.00
Spot Blight Demo	$ 30,000.00	($ 30,000.00)	$ 0.00
Job Training	$ 15,000.00	($ 15,000.00)	$ 0.00
Old Welsh Road Sidewalk Improvements	$150,000.00	$ 78,369.00	$228,369.00

2. Narrative

The amendment to the FY 2021 Annual Action Plan will cancel Rental Rehabilitation for $33,369.00, Spot Blight Demo for $30,000.00, and Job Training for $15,000.00 in CDBG funds to fund a new Project – Old Welsh Road Sidewalk Improvements. This Project is associated with the same Project funded with FY 2015, 2017, 2018, 2019, and 2020 CDBG funds. This action is considered a substantial amendment in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan; and (e.) deletion or elimination of a previously approved activity.

DRAFT

3. IDIS Project Sheet

CD-21-AM	**Project Name**	Old Welsh Road Sidewalk Improvements
	Target Area	Areawide
	Goals Supported	CD-1 Community Facilities and Infrastructure
	Needs Addressed	Community Development Need
	Funding	CDBG: $228,369.00
	Description	Improvements to Old Welsh Road
	Target Date	9/30/2023
	Estimate the number and type of families that will benefit from the proposed activities	275 LMI persons/605 persons (45.4% LM) LMISD 2011-2015 ACS
	Location Description	Old Welsh Road, Abington CT 2016.03 BG 3
	Planned Activities	Matrix Code: 03L Sidewalks 24 CFR 570.201(c) National Objective: LMA Low/mod limited area benefit: activities which benefits a service area, at least 51 percent of whom are low- or moderate-income persons. 570.208(a)

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NOTICE OF DISPLAY OF PLANS AND PUBLIC HEARING
FOR AMENDMENT TO FY 2015, 2017, 2018, 2019, 2020, and 2021 CDBG FUNDS
FOR THE TOWNSHIP OF ABINGTON, PA

Notice is hereby given that the Township of Abington, Montgomery County, Pennsylvania has prepared amendments to the FY 2015, 2017, 2018, 2019, 2020, 2021 Annual Action Plans. In accordance with the regulations and requirements of the U.S. Department of Housing and Urban Development (HUD), these plans will be on public display for a period of 30 days, beginning September 6, 2022 until October 6, 2022 at the following locations:

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A public hearing will be held on September 21, 2022 at 10:00 AM at the Township Building, 1176 Old York Road, First Floor Conference Room, Abington, PA 19001 and by virtual conference call. There are two ways for the public to virtually participate in the meeting. Residents can access the meeting online, by a computer, iPad, iPhone or Android at https://us06web.zoom.us/j/88306082903. This link will enable residents to hear the meeting and see presentations. There will be no video capabilities. Residents, who are unable to join online, can listen to the meeting by calling 1-929-436-2866 and entering the meeting ID number 883-0608-2903 when prompted.

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The Township of Abington is substantially amending its FY 2015, 2017, 2018, 2019, 2020, and 2021 Annual Action Plans to reallocate unused funds in the amount of $185,458.73 in regular funds and $20,000 in CDBG-CV funds. These are considered substantial amendments in accordance with the Township's Citizen Participation Plan since the following applies: (b.) a proposal to undertake a new activity, using funds from any program covered by the Five Year Consolidated Plan (including program income received from previous year's funds), and activities not previously described in the annual action plan; (c.) a change in the purpose, scope, location or beneficiaries of a previously

approved activity; (d.) the use of Program Income that was not previously allocated to an eligible activity; (e.) deletion or elimination of a previously approved activity; and (f.) a change of 50% of more of a line item amount of an approved activity, either increased or decreased.

The following CDBG activities are amended under the FY 2015 Annual Action Plan:
Create “Old Welsh Road Sidewalk Improvements” activity with $590.86
Reduce Administration activity (2015-1) by $590.86
The following CDBG activities are amended under the FY 2017 Annual Action Plan:
Create “Old Welsh Road Sidewalk Improvements” activity with $35,610.35
Reduce Rental Rehabilitation (2017-4) activity by $29,371.46
Allocate uncommitted funds of $6,238.89
The following CDBG activities are amended under the FY 2018 Annual Action Plan:
Create “Old Welsh Road Sidewalk Improvements” activity with $1,669.54
Reduce Fair Housing activity (2018-2) by $185
Reduce Parkview Avenue activity (2018-4) by $1,484.54
The following CDBG activities are amended under the FY 2019 Annual Action Plan:
Increase existing “Welsh Road Curbs & Sidewalks” activity (2019-4) by $19,218.98
Reduce the “Ardsley Community Center Chair Lift” activity (2019-5) by $18,893
Reduce the “Fair Housing” activity (2019-2) by $185
Reduce the “LMA Paving Improvements” activity (2019-12) by $140.98
Create new activity “CV LMI High-Speed Internet Connectivity” $20,000
Reduce “CV Small Business Assistance” activity (2019-15) by $20,000
The following CDBG activities are amended under the FY 2020 Annual Action Plan:
Create “Old Welsh Road Sidewalk Improvements” activity $50,000
Cancel the “TBRA” Activity (2020-4) $50,000
The following CDBG activities are amended under the FY 2021 Annual Action Plan:
Increase Old Welsh Road Sidewalk Improvements” (2021-9) by $78,369
Cancel Rental Rehabilitation (2021-8) ($33,369)
Cancel Spot Blight Demo (2021-7) ($30,000)
Cancel Job Training (2021-5) ($15,000)

TOTAL $205,458.73

The plans will be submitted to the Township’s Board of Commissioners on October 13, 2022 at 7:00 PM, at which time these documents will presented for approval at the regularly scheduled Board of Commissioners’ Meeting.

If the Township would undertake an activity that would result in the displacement of families or individuals, then the Township would utilize its policy for minimizing such displacement. Furthermore, the Township is responsible for replacing all low- and moderate-income housing units that may be demolished or converted as a result of CDBG or HOME Funds.

All interested persons, groups, and organizations are encouraged to attend this public hearing and will be given the opportunity to present oral or written testimony concerning the proposed plans and use of Federal funds.

Honorable Thomas Hecker, President
Township of Abington Board of Commissioners

Publish one time on Sunday, September 4, 2022
Send proof of publication

TOWNSHIP OF ABINGTON
MONTGOMERY COUNTY, PENNSYLVANIA
RESOLUTION NO. 22-____

Resolution of the Board of Commissioners of the Township of Abington, Montgomery County, Pennsylvania amending the FY 2015, FY 2017, FY 2018, FY 2019, FY 2020, and FY 2021 Annual Action Plans.

Whereas, the Township of Abington, Pennsylvania is a recipient of grant funds under the Community Development Block Grant (CDBG) Program administered by the U.S. Department of Housing and Urban Development (HUD); and

Whereas, the Township of Abington had previously approved budgets and Annual Action Plans for the FY 2015, FY 2017, FY 2018, FY 2019, FY 2020, and FY 2021 Program; and

Whereas, HUD permits grant recipients to revise and amend its previous budgets and Annual Action Plans; and

Whereas, in accordance with the Federal Regulations governing the CDBG Program certain changes and revisions to the Annual Action Plans may be considered a substantial amendment as outlined in the Township of Abington's Citizen Participation Plan; and

Whereas, it has been determined that the proposed changes and revisions to the FY 2015, FY 2017, FY 2018, FY 2019, FY 2020, and FY 2021 Annual Action Plans are a substantial amendment and the Township's Citizen Participation Plan has been followed.

Now therefore, be it resolved by the Board of Commissioners of the Township of Abington, Montgomery County, Pennsylvania, as follows:

Section 1. The amended FY 2015, FY 2017, FY 2018, FY 2019, FY 2020 and FY 2021 Annual Action Plans are approved as presented, and as shown in the budgets for each program year which is attached and marked "EXHIBIT A".

Section 2. The President of the Board of Commissioners is hereby authorized to sign and submit the amended FY 2015, FY 2017, FY 2018, FY 2019, FY 2020 and FY 2021 Annual Action Plans to the U.S. Department of Housing and Urban Development.

ADOPTED INTO A RESOLUTION THIS 13TH DAY OF OCTOBER 2022 BY THE BOARD OF COMMISSIONERS OF THE TOWNSHIP OF ABINGTON, PENNSYLVANIA

APPROVED:

ABINGTON TOWNSHIP
BOARD OF COMMISSIONERS

_____ _____
Date Thomas Hecker, President

ATTEST:

_____ **ADOPTED:** _____
Richard Manfredi, Township Manager

EXHIBIT A

The following substantial amendments to the FY 2015, FY 2016, FY 2017, FY 2018, FY 2019, FY 2020 and FY 2021 Annual Action Plans are approved.

FY 2015 Annual Action Plan:

- Create “Old Welsh Road Sidewalk Improvements” activity with $590.86
- Reduce Administration activity (2015-1) by $590.86

FY 2017 Annual Action Plan:

- Create “Old Welsh Road Sidewalk Improvements” activity with $35,610.35
- Reduce Rental Rehabilitation (2017-4) activity by $29,371.46
- Allocate uncommitted funds of $6,238.89

FY 2018 Annual Action Plan:

- Create “Old Welsh Road Sidewalk Improvements” activity with $1,669.54
- Reduce Fair Housing activity (2018-2) by $185
- Reduce Parkview Avenue activity (2018-4) by $1,484.54

FY 2019 Annual Action Plan:

- Increase existing “Welsh Road Curbs & Sidewalks” activity (2019-4) by $19,218.98
- Reduce the “Ardsley Community Center Chair Lift” activity (2019-5) by $18,893
- Reduce the “Fair Housing” activity (2019-2) by $185
- Reduce the “LMA Paving Improvements” activity (2019-12) by $140.98
- Create new activity “CV LMI High-Speed Internet Connectivity” $20,000
- Reduce “CV Small Business Assistance” activity (2019-15) by $20,000

FY 2020 Annual Action Plan:

- Create “Old Welsh Road Sidewalk Improvements” activity $50,000
- Cancel the “TBRA” Activity (2020-4) $50,000

FY 2021 Annual Action Plan:

- Increase Old Welsh Road Sidewalk Improvements” (2021-9) by $78,369
- Cancel Rental Rehabilitation (2021-8) ($33,369)
- Cancel Spot Blight Demo (2021-7) ($30,000)
- Cancel Job Training (2021-5) ($15,000)

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022

DATE

AGENDA ITEM NUMBER

Finance

DEPARTMENT

FISCAL IMPACT
Cost > $10,000
Yes ☐ No ☑

PUBLIC BID REQUIRED
Cost > $20,100
Yes ☐ No ☑

AGENDA ITEM:

Treasurers Report -09-08-22

EXECUTIVE SUMMARY:

n/a

PREVIOUS BOARD ACTIONS:

n/a

RECOMMENDED BOARD ACTIONS:

Receive Treasurer's Report: Township Treasurer, Jay W. Blumenthal

ABINGTON TOWNSHIP
1176 OLD YORK ROAD,
ABINGTON, PENNSYLVANIA 19001-3713
P. 267.536.1024 F. 215.572.3935
abingtonpa.gov

Office of the Treasurer
&
Tax Collector

JAY W. BLUMENTHAL

MONIES RECEIVED FROM VARIOUS DEPARTMENTS
DEPOSITED INTO REPUBLIC BANK

SEPTEMBER 2022 & YEAR TO DATE

		This Month		Year to Date
Code Enforcement		69,368		1,228,580
Engineering		7,186		91,337
Finance Department		1,263,745		5,981,694
Finance ACHs & Credit Cds		3,191,384		25,286,712
Tax Office Real Estate Taxes		26,979		32,441,786
Fire Marshal's Office		2,601		74,703
Parks and Recreation		33,608		208,899
Plumbing		3,903		57,857
Police		64,215		246,341
Refuse		3,617		35,230
Tax Office				
Business Privilege Tax	118,247		4,849,401	
Mercantile Tax	61,754		2,538,083	
Local Services Tax	16,276		974,446	
Business Tax Audits	0		0	
Tax Office Total		196,278		8,361,930
	TOTALS	4,862,882		74,015,069
	LAST YEAR	4,849,143		67,577,857
	INCREASE/(DECREASE)	13,739		6,437,212

Jay W. Blumenthal
Tax Collector / Treasurer

MONTHLY REPORT

By The Abington Township Treasurer
To the Board of Commissioners

DEPOSITS OF REAL ESTATE TAXES AND FEES TRANSFERRED TO FINANCE DEPARTMENT

MONTH OF **September 2022** YEAR TO DATE

	RECEIPTS			
	Adjusted Assessments	Month	Year To Date	Balance To Collect
Township	17,175,635	15,953	16,633,818	541,817
Fire	3,159,094	2,930	3,059,476	99,618
Sewer Fees	7,911,292	4,442	7,791,528	119,764
Refuse Fees	5,038,233	3,654	4,956,964	81,269
TOTALS	33,284,254	26,979	32,441,786	842,468
PERCENTAGE	100%		97%	3%

COMMENTS:	September 2021	$36,430
	Decrease	-$9,451

Respectfully Submitted,
Jay W. Blumenthal
Treasurer

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	FC-01-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Finance		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

Expenditures/Salaries & Wages for August 2022

EXECUTIVE SUMMARY:

N/A

PREVIOUS BOARD ACTIONS:

N/A

RECOMMENDED BOARD ACTIONS:

Consider a motion to approve the August 2022 expenditures in the amount of $2,286,452.23 and salaries and wages in the amount of $2,155,850.92, and authorizing the proper officials to sign vouchers in payment of bills and contracts as they mature through the month of November 2022.

(Motion and Roll Call)

EXPENDITURES:

Total Payroll in August			2,155,850.92
Total Accounts Payable in August			2,297,353.48
Total Bank Wires			0.00
Less Void and Stop Payments			(10,901.25)
Total Payments			4,442,303.15
	Bank wires (total included above) payable to:		
	US Bank	2013 G. O. Bond	0.00
	Republic Bank	2017 G. O. Note	0.00
	Delaware Valley Reg.	Digital Radio Fund	0.00
	Total Wires		0.00

Voided checks:		
72978	HA Dehart	(928.62)
73447	Proshred	(750.00)
73532	APS	(1,011.34)
73534	Batteries Plus Bulbs	(210.78)
73537	Billows	(822.33)
73538	Business Radio License	(110.00)
73542	Courtyard Marriott	(228.66)
73549	FBI LEEDA	(695.00)
73782	Concept Seating	(25.25)
73962	Aqua	(167.90)
74098	Mulitfamily	(497.00)
74704	Pentergast	(614.00)
74801	Jump Start Sports	(3,040.00)
75045	Mill creek Sandscape	(265.00)
75223	PSATS	(150.00)
75330	Allied Landscape	(94.75)
75563	Allied Landscape	(1,000.62)
75727	Energy Transfer	(290.00)
		(10,901.25)

Payroll Related Expenditures:	August	YTD
FICA Taxes	104,488.98	852,997.15
Hospitalization	348,203.55	2,825,280.11
Prescription	155,292.11	1,243,742.95
Dental	25,067.93	196,518.42
Disability and Life Insurance	14,132.87	112,251.26
Unemployment Compensation	0.00	0.00
	647,185.44	5,230,789.89

Lease Debt Obligation		
Principal & Interest through 8/31/22	53,396.00	

EXHIBIT "A"

Payee	Description		Amount
The major areas of expenditures in the month of August 2022 ($1,810,860.20 or 80%) were paid as follows:			
Fidelio Insurance Co.	August Dental Premium		10,531.03
DVHT	August Prescription		155,292.11
Delaware Valley Health	August Health & Dental Insurance Premium		340,548.26
United Healthcare	August Health Care Premium		22,192.19
Boston Mutual	Life & Disability Insurance August		14,132.87
Abington Library	Library Appropriation		16,114.24
BSI	Emergency Repair for Parks		11,670.00
Cardmember Services	Various Charges on Township Credit Card		14,305.91
Cheltenham Township	Interceptor "A" Sanitary Sewer Project		82,388.00
City of Philadelphia	2nd Quarter Billing		176,578.30
Colonial Oil Industries	Fuel		42,536.27
Cordico	Wellness App for Police		10,000.00
Covanta	Solid Waste Disposal		235,515.19
Delaware Valley Prop Casualty	Contribution		20,000.00
Eureka Stone	Stone Work for Varisou Township Projects		204,461.00
Granicus	PEAK Management		11,677.98
James D. Morrissey, Inc.	Various Projects for Township		86,906.10
McMahon	Various Engineering Projects		16,629.80
Morton Salt	Road Salt		107,684.21
PECO	Street Lights	32,017.30	
	WWTP February	44,314.17	
	Traffic Signals	1,402.72	77,734.19
Premium Builders	ATFD Edge Hill Restroom		28,237.50
Roslyn Fire Company	Insurance Premium		10,255.38
Rudolph Clark, LLC	Retainer-June	10,500.00	
	Land Development/Litigation	14,911.00	25,411.00
Second Alarmers	Monthly Services May and June		15,625.00
Turf Equipment	Grounds Crew Mower		24,798.57
USALCO	Chemical Additive for WWTP		12,123.01
Verizon Wireless	Wireless Invoice		10,015.95
Wissahickon Clean Water	Legal Engineering & Consulting		17,000.00
Xylem Water Solutions	Monthly Rental		10,496.14
		Total	1,810,860.20

TABLE A	
If Budget Number Begins With:	The Fund Name Is:
01	General Fund
02	Sewer Operations
03	Fire Fund
04	Grant Fund & Special Projects
08	Parks Capital
09	Refuse Fund
11	HOME Program Fund
12	Clearing Fund
15	Economic Development Fund
16	S.I.U.
18	Permanent Improvement Fund
19	Sewer Capital
23	Debt Service Fund
35	Highway Aid
41	CDBG Program Fund
70	OPEB Fund
71	Tuition Reimbursement Fund
75	Workers' Compensation

TABLE B	
Department Codes (Example 01-10105-400 = Legislative)	
Legislative	400
Executive	401
Financial Administration	402
Tax Collection	403
Solicitor/Legal Services	404
Other General Government Admin	406
IT-Networking Services	407
Engineering Services	408
General Gov Buildings/Plant	409
Police	410
Fire	411
Ambulance Services	412
Code Enforcement	413
Planning and Zoning	414
Emergency Mgmt. and Comm.	415
Traffic Safety	419
Animal Control	422
Solid Waste Coll and Disposal	427
Wastewater	429
General Services-Admin.	430
Cleaning of Streets/Gutters	431
Winter Maint - Snow Removal	432
Traffic Control Devices	433
Street Lighting	434
Repair of Vehicles	437
Maint/Repair-Roads and Bridges	438
Stormwater Mgmt./Flood Control	446
Culture-Recreation Admin.	451
Participant Recreation	452
Parks	454
Shade Trees	455
Libraries	456
Conservation of Natural Res.	461
Community Dev. and Housing	462
Economic Development	463
Debt Prinicipal	471
Debt Interest	472
Fiscal Agent Fees	475
Unemployment	481
Workers' Comp Insurance	484
Insurance	486
Health Insurance	487
Fiduciary Fund Benefits	488
Transfer to Sewer Capital	492

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
Checks for Cash Account: 99-10090-000 000000						
75654	100175	A CRANE RENTAL, LLC	3,900.00	08/08/22		
75655	100050	BELA PRINTING & PACKAGING	200.00	08/08/22		
75656	1087	Delaware Property and Liabili	20,000.00	08/08/22		
75657	100174	EVAN ADELMAN	350.40	08/08/22		
75658	100164	FRANK GIBILANTE	94.00	08/08/22		
75659	100161	HEIDI LENGEL	175.00	08/08/22		
75660	100168	JACOB ROURKE	28.80	08/08/22		
75661	100165	LLB PARTNERS INC	6,470.00	08/08/22		
75662	100166	LLVG LIMITED PARTNERSHIP	431.00	08/08/22		
75663	100167	QING LIN	45.00	08/08/22		
75664	100170	ROBERT A SIROTA, MD	352.00	08/08/22		
75665	100169	RUSSEL SEEBARAN	72.00	08/08/22		
75666	100171	TRANSFORMED SR LLC	3,620.00	08/08/22		
75667	100172	VINDICIA INC	1,691.00	08/08/22		
75668	100173	WOHLSEN CONSTRUCTION COMPANY	190.00	08/08/22		
75669	10314	4IMPRINT, INC	475.80	08/08/22		
75670	1306	ABINGTON TWP PUBLIC LIBRARY	16,114.24	08/08/22		
75671	16412	ADVANCE SCALE COMPNAY	631.00	08/08/22		
75672	16691	ADVANCED WELDING FABRICATING S	5,340.00	08/08/22		
75673	5168	ADVENT SECURITY CORPORATION	1,218.00	08/08/22		
75674	7884	AIRGAS USA, LLC	259.60	08/08/22		ACH
75675	15969	AMAZON	2,231.00	08/08/22		
75676	16090	AMERICAN PUBLIC SAFETY	415.00	08/08/22		
75677	2053	ANALYTICAL LABORATORIES, INC.	1,495.00	08/08/22		ACH
75678	14398	AND ASSESSMENT, INC WOLANIN CO	800.00	08/08/22		
75679	16682	ANYWHERE MINI GOLF	405.00	08/08/22		
75680	8564	AON CONSULTING INC	4,500.00	08/08/22		
75681	2975	APPLIED MICRO SYSTEMS, LTD.	153.30	08/08/22		
75682	15971	APS	988.47	08/08/22		
75683	15013	AQUA PA	158.69	08/08/22		
75684	15014	AQUA PA	111.76	08/08/22		
75685	5812	AQUA PENNSYLVANIA	213.75	08/08/22		
75686	5813	AQUA PENNSYLVANIA	206.31	08/08/22		
75687	5814	AQUA PENNSYLVANIA	254.16	08/08/22		
75688	5820	AQUA PENNSYLVANIA	263.12	08/08/22		
75689	5823	AQUA PENNSYLVANIA	20.75	08/08/22		
75690	5824	AQUA PENNSYLVANIA	137.75	08/08/22		
75691	5825	AQUA PENNSYLVANIA	60.51	08/08/22		
75692	5826	AQUA PENNSYLVANIA	59.80	08/08/22		
75693	5829	AQUA PENNSYLVANIA	116.56	08/08/22		
75694	5830	AQUA PENNSYLVANIA	1,375.69	08/08/22		
75695	5835	AQUA PENNSYLVANIA	20.75	08/08/22		
75696	5849	AQUA PENNSYLVANIA	3,580.05	08/08/22		
75697	15814	AQUA PENNSYLVANIA	51.52	08/08/22		
75698	10093	ARDMORE TIRE COMPANY	1,669.52	08/08/22		

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75699	8186	ASPHALT CARE EQUIP/SUPPLY INC	370.95	08/08/22		
75700	2581	BERARDELLI POOL SERVICE	632.00	08/08/22		
75701	7829	BIASE LANDSCAPING LLC	2,111.72	08/08/22		
75702	707	BILLOWS ELECTRIC SUPPLY INC	1,968.82	08/08/22		
75703	8346	BLUMENTHAL JAY W	5,460.99	08/08/22		ACH
75704	187	BRYNER CHEVROLET INC.	48.26	08/08/22		
75705	12954	BUCKMAN'S INC.	7,471.00	08/08/22		
75706	13773	COLLIFLOWER, INC.	88.37	08/08/22		
75707	12200	COLONIAL ELECTRIC SUPPLY CO	166.35	08/08/22		
75708	16718	COLONIAL OIL INDUSTRIES, INC.	23,822.77	08/08/22		
75709	13415	COMCAST	54.85	08/08/22		
75710	14883	COMCAST	474.79	08/08/22		
75711	16690	COMCAST	5,412.62	08/08/22		
75712	5860	COMCAST CABLE	224.92	08/08/22		
75713	7316	COMCAST CABLE	124.85	08/08/22		
75714	7317	COMCAST CABLE	124.85	08/08/22		
75715	8182	COMCAST CABLE	204.74	08/08/22		
75716	975	COMMONWEALTH OF PENNSYLVANIA	10.00	08/08/22		
75717	16655	CUMMINS ODALYS	415.00	08/08/22		
75718	4594	D.V.H.T.	326,011.36	08/08/22		
75719	7121	D.V.H.T.	14,536.90	08/08/22		
75720	14374	D.V.H.T.	155,292.11	08/08/22		
75721	15405	DE LAGE LANDEN FINANCIAL	143.00	08/08/22		ACH
75722	15848	DE LAGE LANDEN FINANCIAL	78.00	08/08/22		ACH
75723	16004	DECK'S LANDSCAPING, INC.	6,125.00	08/08/22		
75724	1336	DENNEY ELECTRIC SUPPLY	1,929.60	08/08/22		
75725	7484	EAGLE TRUCK EQUIPMENT	241.16	08/08/22		
75726	15711	EDGE HILL FIRE COMPANY	1,800.00	08/08/22		ACH
75727	16910	ENERGY TRANSFER SOLUTIONS, LLC	290.00	08/08/22		
75728	1100	EUREKA STONE QUARRY, INC.	1,176.48	08/08/22		
75729	1064	EVERLASTING FENCE CO.	444.48	08/08/22		
75730	13114	FASTENAL COMPANY	262.02	08/08/22		
75731	419	FEDERAL EXPRESS	407.45	08/08/22		
75732	8830	FERGUSON ENTERPRISES LLC	4.42	08/08/22		
75733	15662	FERGUSON PLUMBING COMP.	17.31	08/08/22		
75734	970	FIDELIO INSURANCE CO.	10,531.03	08/08/22		
75735	13608	FISHER ACE HARDWARE	87.26	08/08/22		
75736	16760	GENSERVE, INC.	1,575.00	08/08/22		
75737	512	GEPPERT INC. WILLIAM A	31.95	08/08/22		
75738	516	GERHARD'S INC	948.00	08/08/22		
75739	1069	GLENSIDE LAWN & GARDEN, INC.	364.57	08/08/22		
75740	15506	GRAINGER	82.58	08/08/22		
75741	1110	GRAINGER, INC.	47.47	08/08/22		
75742	8079	GRECO CUSTOM CARPENTRY INC	960.00	08/08/22		ACH
75743	5965	GREENVIEW LANDSCAPING	925.00	08/08/22		
75744	7855	HARRIELLE EMBROIDERY, LTD.	783.00	08/08/22		

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75745	470	HILLYARD - DELAWARE VALLEY INC	104.88	08/08/22		
75746	851	HOME DEPOT CREDIT SERVICES	131.81	08/08/22		
75747	10824	INTERSTATE BATTERY SYSTEM	497.45	08/08/22		
75748	1190	J.D.M. MATERIALS CO.	3,150.00	08/08/22		
75749	1320	JAMAR TECHNOLOGIES, INC.	652.00	08/08/22		
75750	3119	JOHN KENNEDY FORD JENKINTOWN	309.91	08/08/22		
75751	4394	LANCASTER TRUCK BODIES INC	3,938.00	08/08/22		
75752	5213	LAND MOBILE CORP	1,468.50	08/08/22		
75753	16431	LEAF	209.00	08/08/22		
75754	16818	LEGAL & LIABILITY RISK MGMT	150.00	08/08/22		
75755	12361	LIBERTY PRODUCTS GROUP, INC	216.00	08/08/22		
75756	877	LIBERTY SWIM LEAGUE	200.00	08/08/22		
75757	14049	LINCOLN AQUATICS	204.00	08/08/22		
75758	5516	LOWE'S BUSINESS ACCOUNT	18.99	08/08/22		
75759	16005	M&M LAWNCARE EAST, INC.	1,928.57	08/08/22		
75760	9271	MAGEE KEVIN	100.00	08/08/22		
75761	7062	MANJARDI MARK	835.00	08/08/22		
75762	706	MARTIN STONE QUARRIES, INC.	2,003.96	08/08/22		ACH
75763	8257	MCDONALD UNIFORMS	1,918.25	08/08/22		
75764	9393	MCMASTER-CARR	55.28	08/08/22		
75765	15797	MCMENAMIN ADRIAN	100.00	08/08/22		
75766	11845	MOYER INDOOR/OUTDOOR	579.97	08/08/22		
75767	8278	MSC INDUSTRIAL SUPPLY COMPANY	38.10	08/08/22		
75768	1034	NAPA AUTO PARTS	183.91	08/08/22		
75769	937	OLD DOMINION BRUSH INC.	3,818.25	08/08/22		ACH
75770	16425	PECO	786.97	08/08/22		
75771	1061	PENNA ONE CALL SYSTEMS, INC.	222.52	08/08/22		ACH
75772	13301	PFM ASSET MANAGEMENT LLC	254.88	08/08/22		ACH
75773	9600	PROSHRED SECURITY	110.00	08/08/22		
75774	15240	R3ACCESS	690.86	08/08/22		
75775	10046	REIDER ASSOCIATES, INC. M.J.	1,690.85	08/08/22		ACH
75776	1309	REIT LUBRICANTS CO.	536.00	08/08/22		ACH
75777	989	SAYRE, INC. G. L.	157.50	08/08/22		
75778	7191	SHADES OF GREEN, INC.	2,700.00	08/08/22		ACH
75779	1882	SHERWIN WILLIAMS CO.	94.72	08/08/22		
75780	5053	SIGMA CONTROLS,INC.	449.33	08/08/22		
75781	8699	SUBURBAN TESTING LABS	125.00	08/08/22		
75782	5748	SYNAGRO TECHNOLOGIES INC	6,480.88	08/08/22		ACH
75783	15540	THE HOME DEPOT PRO	2,049.15	08/08/22		
75784	1119	TRAFFIC PRODUCTS,INC.	4,560.00	08/08/22		
75785	16503	TURCO PLUMBING AND HEATING INC	575.00	08/08/22		
75786	15331	ULINE	369.01	08/08/22		
75787	15874	UNITEDHEALTHCARE	22,192.19	08/08/22		ACH
75788	14861	UPSIDEDOWN	222.45	08/08/22		
75789	8824	US SPORTS INSTITUTE, INC	5,880.00	08/08/22		
75790	1028	VAN'S LOCK SHOP, INC	28.60	08/08/22		ACH

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75791	112	VERIZON	483.91	08/08/22		
75792	114	VERIZON	2,726.34	08/08/22		
75793	8719	VERIZON	275.40	08/08/22		
75794	16377	VERIZON	934.70	08/08/22		
75795	8044	VERIZON WIRELESS	10,015.95	08/08/22		
75796	7500	VILE SUSAN ELIZABETH	371.25	08/08/22		ACH
75797	1032	WEINSTEIN SUPPLY CORP.	50.00	08/08/22		
75798	5142	WINTER EQUIP.CO.,INC	186.69	08/08/22		ACH

Check totals:	692,578.62
ACH totals:	50,682.66
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	743,261.28

Check totals:	692,578.62
ACH totals:	50,682.66
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	743,261.28

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 1 General Fund									
Vendor number: 100175 A CRANE RENTAL, LLC									
01-10450-451 000000	CONTRACTED SERVICES	2022	PH-346562	0	0	N	08/03/22	3,900.00	
Remarks: CRANE RENTAL FOR LIGHTS AT BALLFIELDS									
Totals for vendor 100175									3,900.00 *
Vendor number: 1306 ABINGTON TWP PUBLIC LIBRARY									
01-10220-456 000000	LIBRARY OPERATING	2022	JULY 25, 2022	0	0	N	08/03/22	16,114.24	
Remarks: Appropriation									
Totals for vendor 1306									16,114.24 *
Vendor number: 16691 ADVANCED WELDING FABRICATING S									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	1786	83052	1	N	08/03/22	3,950.00	
Remarks: HYDRAULIC PUMP									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	1787	83055	1	N	08/03/22	1,390.00	
Remarks: rebuilt cylinders									
Totals for vendor 16691									5,340.00 *
Vendor number: 5168 ADVENT SECURITY CORPORATION									
01-10373-410 000000	BUILDING MAINTENANCE	2022	2933813	83098	1	N	08/03/22	1,218.00	
Remarks: invoice 2933813 security for annex									
Totals for vendor 5168									1,218.00 *
Vendor number: 15969 AMAZON									
01-12210-410 000000	OFFICE SUPPLIES	2022	14H3-KFYJ-ND9C	82885	1	N	08/03/22	400.11	
Remarks: SRO GO BAG - FIRST AID SUPPLIES AND PATCHES									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	19WQ-6GM3-1NKR	83115	1	N	08/03/22	106.62	
Remarks: 3 tubs of Clorox wipes patrol									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	1FJL-WDGM-LM7R	82853	1	N	08/03/22	112.97	
Remarks: LADDER, FILE FOLDER AND SIGN STAND									
01-10374-410 000000	MACHINERY AND EQUIPMENT MAINT.	2022	1M43-VDRW-CQ7C	82879	1	N	08/03/22	1,297.98	
Remarks: Ernie, computer, dock and keyboard/mouse									
01-12210-410 000000	OFFICE SUPPLIES	2022	1WKL-6CWF-6CCX	82983	1	N	08/03/22	300.83	
Remarks: Ernie supplies - dry erase markers, eraser, fan and board									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	3NWN	82996	1	N	08/03/22	12.49	
Remarks: cable									
Totals for vendor 15969									2,231.00 *
Vendor number: 16090 AMERICAN PUBLIC SAFETY									
01-10264-410 000000	TACTICAL SUPPLIES	2022	SI-105250	82387	1	N	08/03/22	415.00	
Remarks: NEW TAC MEMBERS HOLSTER									
Totals for vendor 16090									415.00 *
Vendor number: 14398 AND ASSESSMENT, INC WOLANIN CO									
01-12310-410 000000	PROFESSIONAL SERVICES	2022	1661	83163	1	N	08/03/22	800.00	

Remarks: invoice 1661 assessments for Blei and Kent

Totals for vendor 14398 800.00 *

Vendor number: 16682 ANYWHERE MINI GOLF

01-10247-452 000000	CULTURE-RECREATION SUPPLIES	2022	080322	0	0	N	08/03/22	405.00	

Remarks: MINIGOLF RENTAL PENBRYN

Totals for vendor 16682 405.00 *

Vendor number: 8564 AON CONSULTING INC

01-10311-402 000000	ACCOUNTING/AUDITING SERVICES	2022	07/21/2022	0	0	N	08/03/22	4,500.00	

Remarks: Consulting Services

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 8564									4,500.00 *
Vendor number: 2975 APPLIED MICRO SYSTEMS, LTD.									
01-10450-407 000000	CONTRACTED SERVICES	2022	68741	0	0	N	08/03/22	153.30	
Remarks: software support									
Totals for vendor 2975									153.30 *
Vendor number: 15971 APS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/13/22	83040	1	N	08/03/22	578.34	
Remarks: brakes, lamps, gear lube									
Totals for vendor 15971									578.34 *
Vendor number: 15013 AQUA PA									
01-10366-451 000000	WATER SERVICE	2022	071922	83155	1	N	08/03/22	158.69	
Remarks: WATER SERVICE 2595 RUBICAM AVE									
Totals for vendor 15013									158.69 *
Vendor number: 15014 AQUA PA									
01-10366-451 000000	WATER SERVICE	2022	071922	83151	1	N	08/03/22	111.76	
Remarks: WATER SERVICE 2595 RUBICAM AVENUE									
Totals for vendor 15014									111.76 *
Vendor number: 5812 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	1176 OLD YORK	0	0	N	08/03/22	213.75	
Remarks: 000128385 0128385									
Totals for vendor 5812									213.75 *
Vendor number: 5813 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	JULY 2022	0	0	N	08/03/22	206.31	
Remarks: 000128446 0128446									
Totals for vendor 5813									206.31 *
Vendor number: 5814 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	JULY 2022	0	0	N	08/03/22	254.16	
Remarks: 0001284470128447									
Totals for vendor 5814									254.16 *
Vendor number: 5820 AQUA PENNSYLVANIA									
01-10366-452 000000	WATER SERVICE	2022	071922	83149	1	N	08/03/22	263.12	
Remarks: WATER SERVICE 1212 EDGE HILL RD									
Totals for vendor 5820									263.12 *
Vendor number: 5823 AQUA PENNSYLVANIA									

01-10366-451 000000	WATER SERVICE	2022	071922	83150	1	N	08/03/22	20.75	
Remarks: WATER SERVICE 1383 EASTON RD									
Totals for vendor 5823									20.75 *
Vendor number: 5824 AQUA PENNSYLVANIA									
01-10366-451 000000	WATER SERVICE	2022	072122	83157	1	N	08/03/22	137.75	
Remarks: WATER SERVICE 2810 ANZAC AVE									
Totals for vendor 5824									137.75 *
Vendor number: 5825 AQUA PENNSYLVANIA									
01-10366-451 000000	WATER SERVICE	2022	071822	83147	1	N	08/03/22	60.51	
Remarks: WATER SERVICE 800 HIGHLAND AVE									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 5825									60.51 *
Vendor number: 5826 AQUA PENNSYLVANIA									
01-10366-451 000000	WATER SERVICE	2022	071922	83145	1	N	08/03/22	59.80	
Remarks: WATER SERVICE 1800 CLEVELAND AVE									
Totals for vendor 5826									59.80 *
Vendor number: 5829 AQUA PENNSYLVANIA									
01-10366-451 000000	WATER SERVICE	2022	072122	83156	1	N	08/03/22	116.56	
Remarks: WATER SERVICE 2501 OLD WELSH RD									
Totals for vendor 5829									116.56 *
Vendor number: 5830 AQUA PENNSYLVANIA									
01-10366-451 000000	WATER SERVICE	2022	071422	83143	1	N	08/02/22	1,375.69	
Remarks: WATER SERVICE 400 FORREST AVE									
Totals for vendor 5830									1,375.69 *
Vendor number: 5835 AQUA PENNSYLVANIA									
01-10366-451 000000	WATER SERVICE	2022	071822	83144	1	N	08/03/22	20.75	
Remarks: WATER SERVICE 2815 JEFFERSON AVE									
Totals for vendor 5835									20.75 *
Vendor number: 5849 AQUA PENNSYLVANIA									
01-10366-452 000000	WATER SERVICE	2022	071922	83158	1	N	08/03/22	3,580.05	
Remarks: WATER SERVICE 2571 RUBICAM AVE									
Totals for vendor 5849									3,580.05 *
Vendor number: 15814 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	999 OLD YORK RD	0	0	N	08/03/22	51.52	
Remarks: 000128385 1473368									
Totals for vendor 15814									51.52 *
Vendor number: 10093 ARDMORE TIRE COMPANY									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	89882/89808	83124	1	N	08/03/22	1,669.52	
Remarks: TIRES									
Totals for vendor 10093									1,669.52 *
Vendor number: 8186 ASPHALT CARE EQUIP/SUPPLY INC									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	128634 BAL	0	0	N	08/03/22	40.00	
Remarks: Balance on risers									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	129086	83109	1	N	08/03/22	330.95	
Remarks: Brooms & Sprayers For Paving									
Totals for vendor 8186									370.95 *

Vendor number: 100050 BELA PRINTING & PACKAGING										
01-10342-410 000000	PRINTING	2022	7318	82761	1	N	08/03/22	200.00		
Remarks: Invoice 7318 business cards for Hummel, Rucker, Blei, Kent										
Totals for vendor 100050										200.00 *
Vendor number: 2581 BERARDELLI POOL SERVICE										
01-10221-452 000000	CHEMICALS	2022	1579	0	0	N	08/03/22	632.00		
Remarks: POOL CHEMICALS										
Totals for vendor 2581										632.00 *
Vendor number: 7829 BIASE LANDSCAPING LLC										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10450-451 000000	CONTRACTED SERVICES	2022	073122	81243	4	N	08/03/22	2,111.72	
Remarks: CONTRACT MOWING ZONE 1~									
Totals for vendor 7829									2,111.72 *
Vendor number: 707 BILLOWS ELECTRIC SUPPLY INC									
01-10740-434 000000	MACHINERY	2022	5824329-00	83112	1	N	08/03/22	112.22	
Remarks: 15 AND 30 AMP FUSES 2" COVER AND GASKETS									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	5824342-00	81240	1	N	08/03/22	483.98	
Remarks: ELECTRICAL PANEL FOR ALVERTHORPE PARK									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	5824342-01	81240	1	N	08/03/22	535.40	
Remarks: ELECTRICAL PANEL FOR ALVERTHORPE PARK									
Totals for vendor 707									1,131.60 *
Vendor number: 8346 BLUMENTHAL JAY W									
01-10450-403 000000	CONTRACTED SERVICES	2022	JULY 2022	0	0	N	08/03/22	5,460.99	
Remarks: July 2022 Commission									
Totals for vendor 8346									5,460.99 *
Vendor number: 187 BRYNER CHEVROLET INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	1193	83121	1	N	08/03/22	48.26	
Remarks: LIGHT ASSY.									
Totals for vendor 187									48.26 *
Vendor number: 12954 BUCKMAN'S INC.									
01-10221-452 000000	CHEMICALS	2022	786217	0	0	N	08/03/22	964.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	786218	0	0	N	08/03/22	964.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	787301	0	0	N	08/03/22	964.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	787302	0	0	N	08/03/22	602.50	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	789142	0	0	N	08/03/22	1,446.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	789143	0	0	N	08/03/22	964.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	790796	0	0	N	08/03/22	723.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	790797	0	0	N	08/03/22	843.50	
Remarks: POOL CHEMICALS									
Totals for vendor 12954									7,471.00 *
Vendor number: 16718 COLONIAL OIL INDUSTRIES, INC.									
01-10231-437 000000	VEHICLE FUEL-GASOLINE	2022	7/19/22	83126	1	N	08/03/22	23,822.77	
Remarks: 6000 GALLONS OF DIESEL FUEL									
Totals for vendor 16718									23,822.77 *

Vendor number: 13415 COMCAST									
01-10450-430 000000	CONTRACTED SERVICES	2022	JULY 2022	0	0	N	08/03/22	54.85	
Remarks: 8499 10 138 0274854									
Totals for vendor 13415									54.85 *
Vendor number: 14883 COMCAST									
01-10450-407 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/03/22	474.79	
Remarks: 8499 10 138 0417300									
Totals for vendor 14883									474.79 *
Vendor number: 5860 COMCAST CABLE									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10450-452 000000	CONTRACTED SERVICES	2022	071522	80620	6	N	08/03/22	4.92	
Remarks: ARDSLEY COMMUNITY CENTER CABLE~									
01-10450-452 000000	CONTRACTED SERVICES	2022	071522	80620	7	N	08/03/22	220.00	
Remarks: ARDSLEY COMMUNITY CENTER CABLE~									
Totals for vendor 5860									224.92 *
Vendor number: 7316 COMCAST CABLE									
01-10450-452 000000	CONTRACTED SERVICES	2022	071622	80619	7	N	08/03/22	4.85	
Remarks: CABLE SERVICE CRESTMONT POOL~									
01-10450-452 000000	CONTRACTED SERVICES	2022	071622	80619	8	N	08/03/22	120.00	
Remarks: CABLE SERVICE CRESTMONT POOL~									
Totals for vendor 7316									124.85 *
Vendor number: 7317 COMCAST CABLE									
01-10450-452 000000	CONTRACTED SERVICES	2022	071622	80621	7	N	08/03/22	4.85	
Remarks: CABLE SERVICE PENBRYN POOL~									
01-10450-452 000000	CONTRACTED SERVICES	2022	071622	80621	8	N	08/03/22	120.00	
Remarks: CABLE SERVICE PENBRYN POOL~									
Totals for vendor 7317									124.85 *
Vendor number: 8182 COMCAST CABLE									
01-10450-410 000000	CONTRACTED SERVICES	2022	JULY 2022	83103	1	N	08/03/22	204.74	
Remarks: July 2022									
Totals for vendor 8182									204.74 *
Vendor number: 975 COMMONWEALTH OF PENNSYLVANIA									
01-11420-451 000000	DUES, SUBSCR. AND MEMBERSHIPS	2022	MT 713413 2022	0	0	N	08/03/22	10.00	
Remarks: APPLICATIOR CERT M. TITANO 713412 BU1025									
Totals for vendor 975									10.00 *
Vendor number: 16655 CUMMINS ODALYS									
01-10450-401 000000	CONTRACTED SERVICES	2022	06/09/2022	0	0	N	07/28/22	415.00	
Remarks: Application Wissahickon Trails									
Totals for vendor 16655									415.00 *
Vendor number: 4594 D.V.H.T.									
01-75000-222 000000	AETNA	2022	AUGUST 2022	0	0	N	08/03/22	301,656.15	
Remarks: August 2022 Health Insurance									
01-12196-487 000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	2,645.36	
Remarks: August 2022 Health Insurance									
01-10209-252 000000	HEALTHCARE RATE STAB. CREDIT	2022	AUGUST 2022	0	0	N	08/03/22	-36,357.57	
Remarks: August 2022 Health Insurance									
Totals for vendor 4594									267,943.94 *
Vendor number: 7121 D.V.H.T.									

01-77000-222 000000	DENTAL	2022	AUGUST 2022	0	0	N	08/03/22	14,224.92	
Remarks: Delta Dental August 2022									
01-12196-487 000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	311.98	
Remarks: Delta Dental August 2022									
Totals for vendor 7121									14,536.90 *
Vendor number: 14374 D.V.H.T.									
01-76000-222 000000	PRESCRIPTION	2022	AUGUST 2022	0	0	N	08/03/22	142,782.24	
Remarks: August Prescription									
01-12196-487 000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	1,063.10	
Remarks: August Prescription									
Totals for vendor 14374									143,845.34 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 15848 DE LAGE LANDEN FINANCIAL									
01-11351-471 000000	INSURANCE AND BONDING	2022	77131428	0	0	N	08/03/22	78.00	
Remarks: copier Florey Lane									
Totals for vendor 15848									78.00 *
Vendor number: 16004 DECK'S LANDSCAPING, INC.									
01-10450-451 000000	CONTRACTED SERVICES	2022	12792 ZONE 2	81244	4	N	08/03/22	3,062.50	
Remarks: CONTRACT MOWNING ZONE 2~									
01-10450-451 000000	CONTRACTED SERVICES	2022	12792 ZONE 3	81245	4	N	08/03/22	3,062.50	
Remarks: CONTRACT MOWING ZONE 3~									
Totals for vendor 16004									6,125.00 *
Vendor number: 1336 DENNEY ELECTRIC SUPPLY									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	S101883954.001	0	0	N	08/03/22	1,929.60	
Remarks: LIGHTS FOR BALLFIELDS									
Totals for vendor 1336									1,929.60 *
Vendor number: 1087 Delaware Property and Liabili									
01-10351-486 000000	PROPERTY & LIABILITY INSURANCE	2022	2ND QTR	0	0	N	08/03/22	20,000.00	
Remarks: @nd Qtr Deductible 04/01/2022 to 06/30/2022									
Totals for vendor 1087									20,000.00 *
Vendor number: 7484 EAGLE TRUCK EQUIPMENT									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	22307	83123	1	N	08/03/22	241.16	
Remarks: SWITCHES FOR REFUSE TRUCKS									
Totals for vendor 7484									241.16 *
Vendor number: 16910 ENERGY TRANSFER SOLUTIONS, LLC									
01-10450-451 000000	CONTRACTED SERVICES	2022	128043	81358	1	N	08/03/22	290.00	
Remarks: CRESTMONT CLUBHOUSE HVAC TRAINING									
Totals for vendor 16910									290.00 *
Vendor number: 100174 EVAN ADELMAN									
01-23200-367 000000	RECREATION PROGRAM FEES	2022	2001208.004	0	0	N	08/03/22	350.40	
Remarks: PROGRAM REFUND									
Totals for vendor 100174									350.40 *
Vendor number: 13114 FASTENAL COMPANY									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/21	83056	1	N	07/27/22	262.02	
Remarks: parts for leaf machine									
Totals for vendor 13114									262.02 *
Vendor number: 419 FEDERAL EXPRESS									
01-11215-406 000000	POSTAGE	2022	JULY 2022	0	0	N	08/03/22	407.45	

Remarks: 781563876 783065604

Totals for vendor 419 407.45 *

Vendor number: 8830 FERGUSON ENTERPRISES LLC

01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	7866094	0	0	N	08/03/22	4.42	

Remarks: REPAIRS TO ACEC A/C

Totals for vendor 8830 4.42 *

Vendor number: 15662 FERGUSON PLUMBING COMP.

01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	0262	83080	1	N	08/03/22	17.31	

Totals for vendor 15662 17.31 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 970 FIDELIO INSURANCE CO.									
01-12196-487 000000	MEDICAL BENEFITS	2022	AUG 2022	0	0	N	08/03/22	240.35	
Remarks: August Dental									
01-77000-222 000000	DENTAL	2022	AUG 2022	0	0	N	08/03/22	10,290.68	
Remarks: August Dental									
Totals for vendor 970									10,531.03 *
Vendor number: 100164 FRANK GIBILANTE									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS091659	0	0	N	08/03/22	94.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100164									94.00 *
Vendor number: 512 GEPPERT INC. WILLIAM A									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	78	83047	1	N	08/03/22	31.95	
Remarks: concrete for p.w.									
Totals for vendor 512									31.95 *
Vendor number: 516 GERHARD'S INC									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	00282627	83118	1	N	08/03/22	549.00	
Remarks: 8000 BTU HEAT/COOL ROOM AC									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	00282914	0	0	N	08/03/22	399.00	
Remarks: ACEC A/C UNIT									
Totals for vendor 516									948.00 *
Vendor number: 1069 GLENSIDE LAWN & GARDEN, INC.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	71892	0	0	N	08/03/22	364.57	
Remarks: REPAIRS TO HUSTLER MOWER									
Totals for vendor 1069									364.57 *
Vendor number: 15506 GRAINGER									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	9378322821	83104	1	N	08/03/22	82.58	
Remarks: HIP WADERS FOR CONSTRUCTION CREW									
Totals for vendor 15506									82.58 *
Vendor number: 1110 GRAINGER, INC.									
01-10740-434 000000	MACHINERY	2022	9375421311	83114	1	N	08/03/22	47.47	
Remarks: HEX BOLTS AND FLAT WASHERS									
Totals for vendor 1110									47.47 *
Vendor number: 8079 GRECO CUSTOM CARPENTRY INC									
01-10450-413 000000	CONTRACTED SERVICES	2022	64	83168	1	N	08/03/22	75.00	
Remarks: 117 ZANE AVE-7/18/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	65	83168	2	N	08/03/22	55.00	
Remarks: 2806 TURNER AVE-7/18/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	66	83168	3	N	08/03/22	40.00	

Remarks: 1644 FAIRVIEW AVE-7/18/22 GRASS CUT									
	01-10450-413 000000	CONTRACTED SERVICES	2022	67	83168	4	N	08/03/22	55.00
Remarks: 1619 GROVE AVE-7/18/22 GRASS CUT									
	01-10450-413 000000	CONTRACTED SERVICES	2022	68	83168	5	N	08/03/22	250.00
Remarks: 1619 GROVE AVE-CUT BACK YARD AND REMOVE WEEDS									
	01-10450-413 000000	CONTRACTED SERVICES	2022	69	83168	6	N	08/03/22	150.00
Remarks: 1972 COOLIDGE AVE-7/23/22 FIRST CUT									
	01-10450-413 000000	CONTRACTED SERVICES	2022	70	83168	7	N	08/03/22	75.00
Remarks: 1851 MEADOWBROOK RD-7/25/22 GRASS CUT									
	01-10450-413 000000	CONTRACTED SERVICES	2022	71	83168	8	N	08/03/22	55.00
Remarks: 2921 SENAK RD-7/25/22 GRASS CUT									
	01-10450-413 000000	CONTRACTED SERVICES	2022	72	83168	9	N	08/03/22	40.00
Remarks: 1540 ARLINE AVE-7/25/22 GRASS CUT									
	01-10450-413 000000	CONTRACTED SERVICES	2022	73	83168	10	N	08/03/22	55.00
Remarks: 2822 LINCOLN AVE-7/25/22 GRASS CUT									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10450-413 000000	CONTRACTED SERVICES	2022	74	83168	11	N	08/03/22	55.00	
Remarks: 2911 ANZAC AVE-7/25/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	75	83168	12	N	08/03/22	55.00	
Remarks: 1677 FAIRVIEW AVE-7/25/22 GRASS CUT									
Totals for vendor 8079									960.00 *
Vendor number: 5965 GREENVIEW LANDSCAPING									
01-10450-411 000000	CONTRACTED SERVICES	2022	16661	82988	1	N	07/27/22	925.00	
Remarks: Fire Storage Building - trimming bushes and flowerbeds.									
Totals for vendor 5965									925.00 *
Vendor number: 7855 HARRIELLE EMBROIDERY, LTD.									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	19272	83065	1	N	08/03/22	234.00	
Remarks: polo shirts									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	19532	82886	1	N	08/03/22	276.00	
Remarks: ERNIE NEW HIRE WORK SHIRTS 6									
Totals for vendor 7855									510.00 *
Vendor number: 100161 HEIDI LENGEL									
01-23200-367 000000	RECREATION PROGRAM FEES	2022	2000010.012	0	0	N	08/03/22	175.00	
Remarks: PROGRAM REFUND									
Totals for vendor 100161									175.00 *
Vendor number: 851 HOME DEPOT CREDIT SERVICES									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	20624	83079	1	N	08/03/22	39.80	
Remarks: BUCKETS FOR P.W. PROJECTS									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	4187060322 1214	0	0	N	08/03/22	23.30	
Remarks: BENCHES FOR ROSLYN PARK									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	4187062722 0806	0	0	N	08/03/22	68.71	
Remarks: REPAIRS TO CRESTMONT POOL									
Totals for vendor 851									131.81 *
Vendor number: 10824 INTERSTATE BATTERY SYSTEM									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	2526	83051	1	N	07/28/22	370.55	
Remarks: BATTERIES									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	2757	83077	1	N	08/03/22	126.90	
Remarks: POLICE BATTERIES									
Totals for vendor 10824									497.45 *
Vendor number: 100168 JACOB ROURKE									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS137407	0	0	N	08/03/22	28.80	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100168									28.80 *
Vendor number: 3119 JOHN KENNEDY FORD JENKINTOWN									

	01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/13	83039	1	N	08/03/22	309.91

Remarks: truck parts

Totals for vendor 3119 309.91 *

Vendor number: 4394 LANCASTER TRUCK BODIES INC

	01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/22	83076	1	N	08/03/22	3,938.00

Remarks: SALT SPREADER

Totals for vendor 4394 3,938.00 *

Vendor number: 5213 LAND MOBILE CORP

	01-10241-410 000000	GENERAL GOVERNMENT SUPPLIES	2022	220750	82760	1	N	08/03/22	1,468.00

Remarks: radios for auxiliary police

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10241-410 000000	GENERAL GOVERNMENT SUPPLIES	2022	220750	0	0	N	08/03/22	.50	
Remarks: radios for auxiliary police									
Totals for vendor 5213									1,468.50 *
Vendor number: 16431 LEAF									
01-11351-471 000000	INSURANCE AND BONDING	2022	13516227	0	0	N	08/03/22	209.00	
Remarks: copier Finance									
Totals for vendor 16431									209.00 *
Vendor number: 16818 LEGAL & LIABILITY RISK MGMT									
01-10460-410 000000	MEETINGS AND CONFERENCES	2022	226516	82899	1	N	08/03/22	150.00	
Remarks: Invoice 226516 steps to FTO webinar									
Totals for vendor 16818									150.00 *
Vendor number: 12361 LIBERTY PRODUCTS GROUP, INC									
01-10450-413 000000	CONTRACTED SERVICES	2022	0184378	83082	1	N	07/27/22	216.00	
Remarks: BUSINESS CARDS-KIM, JON, JAMES & KEVIN									
Totals for vendor 12361									216.00 *
Vendor number: 877 LIBERTY SWIM LEAGUE									
01-10450-452 000000	CONTRACTED SERVICES	2022	060122	0	0	N	08/03/22	200.00	
Remarks: CRESTMONT SWIM TEAM 2022 LEAGUE MEMBERSHIP FEE									
Totals for vendor 877									200.00 *
Vendor number: 14049 LINCOLN AQUATICS									
01-10221-452 000000	CHEMICALS	2022	SR069364	0	0	N	08/03/22	136.00	
Remarks: POOL CHEMICALS									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	SR069364	0	0	N	08/03/22	68.00	
Remarks: POOL CHEMICALS									
Totals for vendor 14049									204.00 *
Vendor number: 100165 LLB PARTNERS INC									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS134733	0	0	N	08/03/22	6,470.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100165									6,470.00 *
Vendor number: 100166 LLVG LIMITED PARTNERSHIP									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS099402	0	0	N	08/03/22	431.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100166									431.00 *
Vendor number: 9271 MAGEE KEVIN									
01-12196-410 000000	MEDICAL BENEFITS	2022	MAGEE	82998	1	N	07/27/22	100.00	
Remarks: Magee ER Reimbursement									

Totals for vendor 9271										100.00 *
Vendor number: 7062 MANJARDI MARK										
01-10450-413 000000	CONTRACTED SERVICES	2022	07252022	83153	1	N	08/03/22	835.00		
Remarks: ZHB MEETING 7/19/22										
Totals for vendor 7062										835.00 *
Vendor number: 706 MARTIN STONE QUARRIES, INC.										
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	228408	82901	1	N	08/03/22	2,003.74		
Remarks: BALLFIELD DIRT - INFIELD MIX										
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	228408	0	0	N	08/03/22	.22		
Remarks: BALLFIELD DIRT - INFIELD MIX										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 706									2,003.96 *
Vendor number: 8257 MCDONALD UNIFORMS									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	207889 MULT	83102	1	N	08/03/22	1,918.25	
Remarks: Invoices 207889, 208789, 209257									
Totals for vendor 8257									1,918.25 *
Vendor number: 15797 MCMENAMIN ADRIAN									
01-12196-410 000000	MEDICAL BENEFITS	2022	MCMENAMIN	83092	1	N	08/03/22	100.00	
Remarks: ER Reimbursement									
Totals for vendor 15797									100.00 *
Vendor number: 11845 MOYER INDOOR/OUTDOOR									
01-10450-409 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	46.64	
Remarks: Exterminating									
01-10373-410 000000	BUILDING MAINTENANCE	2022	JUNE 2022	0	0	N	08/03/22	59.36	
Remarks: Exterminating									
01-10450-430 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	59.36	
Remarks: Exterminating									
01-10450-452 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	55.12	
Remarks: Exterminating									
01-10450-452 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	40.28	
Remarks: Exterminating									
01-10450-451 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	95.40	
Remarks: Exterminating									
01-10450-451 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	33.92	
Remarks: Exterminating									
Totals for vendor 11845									390.08 *
Vendor number: 1034 NAPA AUTO PARTS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	6/30	83037	1	N	08/03/22	183.91	
Remarks: tire patches, belts, mirror									
Totals for vendor 1034									183.91 *
Vendor number: 937 OLD DOMINION BRUSH INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	6/27	83075	1	N	08/03/22	3,818.25	
Remarks: PARTS FOR LEAF MACHINES									
Totals for vendor 937									3,818.25 *
Vendor number: 1061 PENNA ONE CALL SYSTEMS, INC.									
01-10450-408 000000	CONTRACTED SERVICES	2022	958646	0	0	N	08/03/22	222.52	
Remarks: Monthly services									
Totals for vendor 1061									222.52 *
Vendor number: 100167 QING LIN									

	01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS134997	0	0	N	08/03/22	45.00	
Remarks:	REFUND BUSINESS TAX									
	Totals for vendor 100167									45.00 *
	Vendor number: 15240 R3ACCESS									
	01-10740-410 000000	MACHINERY	2022	58557	83097	1	N	08/03/22	690.86	
Remarks:	invoice 58557									
	Totals for vendor 15240									690.86 *
	Vendor number: 1309 REIT LUBRICANTS CO.									
	01-10231-437 000000	VEHICLE FUEL-GASOLINE	2022	6232	83122	1	N	08/03/22	536.00	
Remarks:	GEAR OIL									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 1309									536.00 *
Vendor number: 100170 ROBERT A SIROTA, MD									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS134848	0	0	N	08/03/22	352.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100170									352.00 *
Vendor number: 100169 RUSSEL SEEBARAN									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS130680	0	0	N	08/03/22	72.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100169									72.00 *
Vendor number: 989 SAYRE, INC. G. L.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8252	83057	1	N	08/03/22	157.50	
Remarks: EXHAUST SENSOR									
Totals for vendor 989									157.50 *
Vendor number: 1882 SHERWIN WILLIAMS CO.									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	7763-9	0	0	N	08/03/22	94.72	
Remarks: REPAIRS TO ACEC									
Totals for vendor 1882									94.72 *
Vendor number: 15540 THE HOME DEPOT PRO									
01-10227-451 000000	SANITATION SUPPLIES	2022	697333433	83160	1	N	08/03/22	2,049.15	
Remarks: TRASH BAGS, PAPER TOWELS, TOILET PAPER									
Totals for vendor 15540									2,049.15 *
Vendor number: 100171 TRANSFORMED SR LLC									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS133582	0	0	N	08/03/22	3,620.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100171									3,620.00 *
Vendor number: 16503 TURCO PLUMBING AND HEATING INC									
01-10450-452 000000	CONTRACTED SERVICES	2022	060822 ACEC	0	0	N	08/03/22	575.00	
Remarks: REPAIRS TO ACEC A/C									
Totals for vendor 16503									575.00 *
Vendor number: 15331 ULINE									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	151412881	83096	1	N	08/03/22	369.01	
Remarks: 24/7 mesh chair									
Totals for vendor 15331									369.01 *
Vendor number: 15874 UNITEDHEALTHCARE									

	01-12196-487 000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	180.62	
Remarks:	August 2022									
	Totals for vendor 15874									180.62 *
	Vendor number: 14861 UPSIDEDOWN									
	01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	156851-1	83041	1	N	07/27/22	222.45	
Remarks:	safety gear									
	Totals for vendor 14861									222.45 *
	Vendor number: 8824 US SPORTS INSTITUTE, INC									
	01-10450-452 000000	CONTRACTED SERVICES	2022	R5738	83162	1	N	08/03/22	5,880.00	
Remarks:	MULTI SPORTS CAMPS									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 8824									5,880.00 *
Vendor number: 1028 VAN'S LOCK SHOP, INC									
01-10450-451 000000	CONTRACTED SERVICES	2022	127598	82924	1	N	08/03/22	28.60	
Remarks: DUPLICATE KEYS									
Totals for vendor 1028									28.60 *
Vendor number: 112 VERIZON									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	2022 JUNE 30	0	0	N	08/03/22	233.74	
Remarks: 150 724 781 00001 15									
Totals for vendor 112									233.74 *
Vendor number: 114 VERIZON									
01-10321-406 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY AUG	0	0	N	08/03/22	1,132.50	
Remarks: Telephone billings									
01-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY AUG	0	0	N	08/03/22	384.21	
Remarks: Telephone billings									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY AUG	0	0	N	08/03/22	194.79	
Remarks: Telephone billings									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY AUG	0	0	N	08/03/22	57.48	
Remarks: Telephone billings									
Totals for vendor 114									1,768.98 *
Vendor number: 8719 VERIZON									
01-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY AUG	0	0	N	08/03/22	275.40	
Remarks: ATFD Phone									
Totals for vendor 8719									275.40 *
Vendor number: 16377 VERIZON									
01-10450-410 000000	CONTRACTED SERVICES	2022	JUNE JULY AUG	0	0	N	08/03/22	934.70	
Remarks: Data connection									
Totals for vendor 16377									934.70 *
Vendor number: 8044 VERIZON WIRELESS									
01-10321-406 000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	204.13	
Remarks: Wireless phone									
01-10450-430 000000	CONTRACTED SERVICES	2022	JULY2022	0	0	N	08/03/22	334.16	
Remarks: Wireless phone									
01-10260-407 000000	SMALL TOOLS AND MINOR EQUIP	2022	JULY2022	0	0	N	08/03/22	320.08	
Remarks: Wireless phone									
01-10220-456 000000	LIBRARY OPERATING	2022	JULY2022	0	0	N	08/03/22	42.28	
Remarks: Wireless phone									
01-10321-410 000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	1,234.71	
Remarks: Wireless phone									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	JULY2022	0	0	N	08/03/22	16.64	
Remarks: Wireless phone									

01-10260-419 000000	SMALL TOOLS AND MINOR EQUIP	2022	JULY2022	0	0	N	08/03/22	19.78	
Remarks: Wireless phone									
01-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	127.30	
Remarks: Wireless phone									
01-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	124.57	
Remarks: Wireless phone									
01-10450-408 000000	CONTRACTED SERVICES	2022	JULY2022	0	0	N	08/03/22	122.30	
Remarks: Wireless phone									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	131.84	
Remarks: Wireless phone									
01-62000-224 000000	VERIZON WIRELESS	2022	JULY2022	0	0	N	08/03/22	755.93	
Remarks: Wireless phone									
01-10450-430 000000	CONTRACTED SERVICES	2022	WIRLESSS ACCT	0	0	N	08/03/22	1,577.13	
Remarks: 818197078-0002									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10260-407 000000	SMALL TOOLS AND MINOR EQUIP	2022	WIRLESSS ACCT	0	0	N	08/03/22	293.42	
Remarks: 818197078-0002									
01-10220-456 000000	LIBRARY OPERATING	2022	WIRLESSS ACCT	0	0	N	08/03/22	42.19	
Remarks: 818197078-0002									
01-10321-410 000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	995.90	
Remarks: 818197078-0002									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	WIRLESSS ACCT	0	0	N	08/03/22	16.55	
Remarks: 818197078-0002									
01-10260-419 000000	SMALL TOOLS AND MINOR EQUIP	2022	WIRLESSS ACCT	0	0	N	08/03/22	19.69	
Remarks: 818197078-0002									
01-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	127.21	
Remarks: 818197078-0002									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	162.14	
Remarks: 818197078-0002									
01-62000-224 000000	VERIZON WIRELESS	2022	WIRLESSS ACCT	0	0	N	08/03/22	773.45	
Remarks: 818197078-0002									
01-10450-408 000000	CONTRACTED SERVICES	2022	WIRLESSS ACCT	0	0	N	08/03/22	799.06	
Remarks: 818197078-0002									
01-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	124.39	
Remarks: 818197078-0002									
01-10321-406 000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	203.77	
Remarks: 818197078-0002									
Totals for vendor 8044									8,568.62 *
Vendor number: 7500 VILE SUSAN ELIZABETH									
01-10450-410 000000	CONTRACTED SERVICES	2022	07/27/2022	0	0	N	08/03/22	247.50	
Remarks: BOC Meeting									
01-10450-410 000000	CONTRACTED SERVICES	2022	07/27/2022 2ND	0	0	N	08/03/22	123.75	
Remarks: BOC Working Session									
Totals for vendor 7500									371.25 *
Vendor number: 100172 VINDICIA INC									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS133930	0	0	N	08/03/22	1,691.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100172									1,691.00 *
Vendor number: 1032 WEINSTEIN SUPPLY CORP.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	S028984016.001	0	0	N	08/03/22	50.00	
Remarks: PROCESSING FEE									
Totals for vendor 1032									50.00 *
Vendor number: 5142 WINTER EQUIP.CO.,INC									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	666	83050	1	N	08/03/22	186.69	
Remarks: curb guards									
Totals for vendor 5142									186.69 *
Vendor number: 100173 WOHLSEN CONSTRUCTION COMPANY									

01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS136170	0	0	N	08/03/22	190.00	

Remarks: REFUND BUSINESS TAX

Totals for vendor 100173 190.00 *

Totals for fund 1 610,509.73 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 2 Sewer Fund									
Vendor number: 7884 AIRGAS USA, LLC									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	9123991570	83130	1	N	08/03/22	139.02	
Remarks: WELDING RODS									
02-10450-429 000000	CONTRACTED SERVICES	2022	9125490928	83129	1	N	08/03/22	120.58	
Remarks: PROPANE									
Totals for vendor 7884									259.60 *
Vendor number: 2053 ANALYTICAL LABORATORIES, INC.									
02-10450-429 000000	CONTRACTED SERVICES	2022	522221	83026	1	N	08/03/22	1,495.00	
Remarks: LABORATORY TESTING									
Totals for vendor 2053									1,495.00 *
Vendor number: 15971 APS									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	0019534	83148	1	N	08/03/22	98.55	
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	00195348	83146	1	N	08/03/22	225.63	
Remarks: OIL AND FUEL FILTERS FOR GENERATORS									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	00195669	83142	1	N	08/03/22	85.95	
Remarks: BATTERY CHARGER									
Totals for vendor 15971									410.13 *
Vendor number: 13773 COLLIFLOWER, INC.									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	01559506	83131	1	N	08/03/22	88.37	
Remarks: HIGH PRESSURE HOSE & COUPLER									
Totals for vendor 13773									88.37 *
Vendor number: 12200 COLONIAL ELECTRIC SUPPLY CO									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	14717583	83024	1	N	08/03/22	166.35	
Remarks: CONDIUT, HARDWARE AND NUTS									
Totals for vendor 12200									166.35 *
Vendor number: 16690 COMCAST									
02-10450-429 000000	CONTRACTED SERVICES	2022	MAY JUNE JULY	0	0	N	08/03/22	5,412.62	
Remarks: 930904907 WWTP									
Totals for vendor 16690									5,412.62 *
Vendor number: 15405 DE LAGE LANDEN FINANCIAL									
02-11351-471 000000	INSURANCE AND BONDING	2022	77033551	0	0	N	08/03/22	143.00	
Remarks: copier wwtp									
Totals for vendor 15405									143.00 *
Vendor number: 13608 FISHER ACE HARDWARE									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	010435	83132	1	N	08/03/22	87.26	
Remarks: BATTERIES AND WRENCHED									

Totals for vendor 13608 87.26 *

Vendor number: 16760 GENSERVE, INC.

02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	0277871-IN	83127	1	N	08/03/22	1,575.00	

Remarks: REPAIR SERVICE CALL FOR EMERGENCY GENERATOR

Totals for vendor 16760 1,575.00 *

Vendor number: 470 HILLYARD - DELAWARE VALLEY INC

02-10227-429 000000	SANITATION SUPPLIES	2022	604778412	83135	1	N	08/03/22	104.88	

Remarks: FLOOR CLEANER AND MOP HEADS

Totals for vendor 470 104.88 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 16005 M&M LAWNCARE EAST, INC.									
02-10450-429 000000	CONTRACTED SERVICES	2022	20220585	81242	4	N	08/03/22	1,928.57	
Remarks: MOWING CONTRACT ZONE 4									
Totals for vendor 16005									1,928.57 *
Vendor number: 11845 MOYER INDOOR/OUTDOOR									
02-10450-429 000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	59.89	
Remarks: Exterminating									
Totals for vendor 11845									59.89 *
Vendor number: 8278 MSC INDUSTRIAL SUPPLY COMPANY									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	95327195	83140	1	N	08/03/22	38.10	
Remarks: EXPOXY GROUT REPAIR CEMENT									
Totals for vendor 8278									38.10 *
Vendor number: 10046 REIDER ASSOCIATES, INC. M.J.									
02-10450-429 000000	CONTRACTED SERVICES	2022	22G0004	83025	1	N	08/03/22	1,690.85	
Remarks: LABORATORY TESTING									
Totals for vendor 10046									1,690.85 *
Vendor number: 5053 SIGMA CONTROLS,INC.									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	030892	83125	1	N	08/03/22	449.33	
Remarks: LEVEL TRANSMITTER									
Totals for vendor 5053									449.33 *
Vendor number: 8699 SUBURBAN TESTING LABS									
02-10450-429 000000	CONTRACTED SERVICES	2022	2G03516	83134	1	N	08/03/22	125.00	
Remarks: LABORATORY TESTING									
Totals for vendor 8699									125.00 *
Vendor number: 5748 SYNAGRO TECHNOLOGIES INC									
02-10450-429 000000	CONTRACTED SERVICES	2022	30850-31185	83089	1	N	08/03/22	6,480.88	
Remarks: BIOSOLIDS TO LAND APPLICATION									
Totals for vendor 5748									6,480.88 *
Vendor number: 112 VERIZON									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	JULY 2022	0	0	N	08/03/22	44.34	
Remarks: Pump station phone									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY 2022	0	0	N	08/03/22	87.19	
Remarks: 950 726 463 0001 74									
Totals for vendor 112									131.53 *
Vendor number: 114 VERIZON									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	JUNE JULY AUG	0	0	N	08/03/22	957.36	

Remarks: Telephone billings

Totals for vendor 114 957.36 *

Vendor number: 8044 VERIZON WIRELESS

02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	209.13	
Remarks: Wireless phone									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	208.77	
Remarks: 818197078-0002									

Totals for vendor 8044 417.90 *

Totals for fund 2 22,021.62 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 4 Grant and Special ProjectsFund									
Vendor number: 10314 4IMPRINT, INC									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	23164493	82705	1	N	08/03/22	475.80	
Remarks: Invoice 23164493 frosted cups for appreciation event									
Totals for vendor 10314									475.80 *
Vendor number: 707 BILLOWS ELECTRIC SUPPLY INC									
04-10740-429-AR2134	MACHINERY	2022	5803274-02	83028	1	N	08/03/22	29.34	
Remarks: WIRE LUGS									
04-10740-429-AR2134	MACHINERY	2022	5840408-01	83029	1	N	08/03/22	15.07	
Remarks: PVC FITTINGS									
04-10740-429-AR2134	MACHINERY	2022	5840707-00	83027	1	N	08/03/22	230.45	
Remarks: BREAKERS, ELECTRIC BOX, MOUNTING HARDWARE									
04-10740-429-AR2134	MACHINERY	2022	5844931-00	83030	1	N	08/03/22	465.85	
Remarks: CONDUIT, PVC HARDWARE									
04-10740-429-AR2134	MACHINERY	2022	5848665-00	83139	1	N	08/03/22	33.23	
Remarks: PVC, ELECTRIC CONDUIT & FITTINGS									
04-10740-429-AR2134	MACHINERY	2022	5849699-00	83137	1	N	08/03/22	63.28	
Remarks: PVC ELECTRIC CONDUIT									
Totals for vendor 707									837.22 *
Vendor number: 1100 EUREKA STONE QUARRY, INC.									
04-10260-408-GE2101	SMALL TOOLS AND MINOR EQUIP	2022	545/155	82388	1	N	08/03/22	1,176.48	
Remarks: stone/ winter heat									
Totals for vendor 1100									1,176.48 *
Vendor number: 1064 EVERLASTING FENCE CO.									
04-10720-408-AR2118	IMPROV. OTHER THAN BUILDINGS	2022	48738	83054	1	N	08/03/22	444.48	
Remarks: Green Welded Wire Hardwood split rail 3 Hole Line Post									
Totals for vendor 1064									444.48 *
Vendor number: 7855 HARRIELLE EMBROIDERY, LTD.									
04-10260-410-GPTEST	SMALL TOOLS AND MINOR EQUIP	2022	19539	83099	1	N	08/03/22	273.00	
Remarks: Invoice 19539 shirts for agility test									
Totals for vendor 7855									273.00 *
Vendor number: 1190 J.D.M. MATERIALS CO.									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	7/26/22	83084	1	N	08/03/22	3,150.00	
Remarks: 28" POS CONN BOTTOM									
Totals for vendor 1190									3,150.00 *
Vendor number: 9393 MCMASTER-CARR									
04-10740-429-AR2134	MACHINERY	2022	81320096	83090	1	N	08/03/22	55.28	
Remarks: UNISTRUT CHANNEL & HARDWARE									

Totals for vendor 9393		55.28 *
Totals for fund 4		6,412.26 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 9 Refuse Fund									
Vendor number: 16412 ADVANCE SCALE COMPNAY									
09-10374-427-000000	MACHINERY AND EQUIPMENT MAINT.	2022	150162	83167	1	N	08/03/22	631.00	
Remarks: Annual Truck Scale Inspection									
Totals for vendor 16412									631.00 *
Vendor number: 11845 MOYER INDOOR/OUTDOOR									
09-10450-427-000000	CONTRACTED SERVICES	2022	JUNE 2022	0	0	N	08/03/22	130.00	
Remarks: Exterminating									
Totals for vendor 11845									130.00 *
Vendor number: 16425 PECO									
09-10361-427-000000	ELECTRIC AND GAS	2022	07182022	83164	1	N	08/03/22	49.54	
Remarks: 48526-22036 Garage at 995 Fitz Rd									
09-10361-427-000000	ELECTRIC AND GAS	2022	42340-47015 718	83165	1	N	08/03/22	695.65	
Remarks: 42340-47015 995 Fitzwatertown									
09-10361-427-000000	ELECTRIC AND GAS	2022	42340-47015 718	0	0	N	08/03/22	41.78	
Remarks: 42340-47015 995 Fitzwatertown									
Totals for vendor 16425									786.97 *
Vendor number: 9600 PROSHRED SECURITY									
09-10450-427-000000	CONTRACTED SERVICES	2022	2110983	0	0	N	08/03/22	110.00	
Remarks: shred pick up									
Totals for vendor 9600									110.00 *
Vendor number: 8044 VERIZON WIRELESS									
09-10321-427-000000	TELEPHONE MONTHLY CHARGES	2022	JULY2022	0	0	N	08/03/22	166.85	
Remarks: Wireless phone									
09-10321-427-000000	TELEPHONE MONTHLY CHARGES	2022	WIRLESSS ACCT	0	0	N	08/03/22	862.58	
Remarks: 818197078-0002									
Totals for vendor 8044									1,029.43 *
Totals for fund 9									2,687.40 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 18 Capital Projects Fund									
Vendor number: 15711 EDGE HILL FIRE COMPANY									
18-10730-411-220036	BUILDINGS CAPITAL	2022	MAY JUNE 2022	83083	1	N	08/03/22	1,800.00	
Remarks: Temporary portable restroom facility rental.									
Totals for vendor 15711									1,800.00 *
Vendor number: 1320 JAMAR TECHNOLOGIES, INC.									
18-10740-410-220018	MACHINERY	2022	57647	82999	1	N	08/03/22	652.00	
Remarks: Invoice 57647 replacement laptop with case									
Totals for vendor 1320									652.00 *
Vendor number: 7191 SHADES OF GREEN, INC.									
18-10660-454-220055	PROFESSIONAL FEES	2022	26274	82749	1	N	08/03/22	2,700.00	
Remarks: TREE REMOVAL SUFFOLK RD									
Totals for vendor 7191									2,700.00 *
Totals for fund 18									5,152.00 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 35 Highway Aid Fund									
Vendor number: 5516 LOWE'S BUSINESS ACCOUNT									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	1933	83048	1	N	08/03/22	18.99	
Remarks: saw blades									
Totals for vendor 5516									18.99 *
Vendor number: 1119 TRAFFIC PRODUCTS,INC.									
35-10374-433-000000	MACHINERY AND EQUIPMENT MAINT.	2022	2022-346	81851	1	N	07/28/22	4,560.00	
Remarks: Battery Backup Unit									
Totals for vendor 1119									4,560.00 *
Vendor number: 112 VERIZON									
35-10374-433-000000	MACHINERY AND EQUIPMENT MAINT.	2022	JULY 12, 2022	0	0	N	08/03/22	37.39	
Remarks: 450 724 763 0001 30									
35-10374-433-000000	MACHINERY AND EQUIPMENT MAINT.	2022	JUNE 30 2022	0	0	N	08/03/22	81.25	
Remarks: 950 722 809 0001 50									
Totals for vendor 112									118.64 *
Totals for fund 35									4,697.63 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 70 OPEB Fund									
Vendor number: 4594 D.V.H.T.									
70-12196-488-000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	33,046.94	
Remarks: August 2022 Health Insurance									
70-12196-488-000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	25,020.48	
Remarks: August 2022 Health Insurance									
Totals for vendor 4594									58,067.42 *
Vendor number: 14374 D.V.H.T.									
70-12196-488-000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	11,446.77	
Remarks: August Prescription									
Totals for vendor 14374									11,446.77 *
Vendor number: 13301 PFM ASSET MANAGEMENT LLC									
70-10450-488-000000	CONTRACTED SERVICES	2022	13321803	0	0	N	08/03/22	254.88	
Remarks: Advisory Services									
Totals for vendor 13301									254.88 *
Vendor number: 15874 UNITEDHEALTHCARE									
70-12196-488-000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	7,372.67	
Remarks: August 2022									
70-12196-488-000000	MEDICAL BENEFITS	2022	AUGUST 2022	0	0	N	08/03/22	14,638.90	
Remarks: August 2022									
Totals for vendor 15874									22,011.57 *
Totals for fund 70									91,780.64 **
Grand totals									743,261.28 ***

*** End of Report ***

apachreg Township of Abington lmauro 08/11/2022 08:41 Page 1

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
Checks for Cash Account: 99-10090-000 000000						
75799	15896	BORTEK INDUSTRIES INC.	372.00	08/11/22		ACH
75800	100183	KAREN WASHINGTON	100.00	08/11/22		
75801	100182	KIRKPATRICK WALLACE	230.00	08/11/22		
75802	100184	The Tot Rod	750.00	08/11/22		
75803	2961	ACKER'S HARDWARE, INC.	22.36	08/11/22		
75804	8855	AIRGAS USA LLC	40.58	08/11/22		ACH
75805	12309	ALLIED LANDSCAPE SUPPLY	170.35	08/11/22		
75806	15969	AMAZON	426.45	08/11/22		
75807	15971	APS	1,024.24	08/11/22		
75808	16417	AQUA	38.00	08/11/22		
75809	16472	AQUA PA	127.26	08/11/22		
75810	5815	AQUA PENNSYLVANIA	199.30	08/11/22		
75811	10093	ARDMORE TIRE COMPANY	474.00	08/11/22		
75812	825	BERGEY'S INC.	3,252.85	08/11/22		
75813	7170	BERKHEIMER TAX ADMINISTRATOR	1,743.23	08/11/22		
75814	187	BRYNER CHEVROLET INC.	102.48	08/11/22		
75815	15005	CAMPBELL, DURRANT P.C	1,799.50	08/11/22		
75816	12432	CINTAS	389.68	08/11/22		
75817	1308	CITY OF PHILA/WATER DEPT	176,578.30	08/11/22		
75818	16909	COMCAST	21.64	08/11/22		
75819	8543	COMCAST CABLE	138.39	08/11/22		
75820	9216	CONTRACTORS HAULING SERVICE	800.00	08/11/22		
75821	7581	COUNTY LINE FENCE CO.,INC	1,098.00	08/11/22		
75822	13388	COVANTA ENERGY, LLC	235,515.19	08/11/22		ACH
75823	16743	DE LOS SANTOS RAYMOND	78.94	08/11/22		ACH
75824	14961	EASTERN AUTO PARTS WAREHOUSE	109.56	08/11/22		
75825	8629	EMERGENCY GENERATOR REPAIR CO.	220.00	08/11/22		
75826	1100	EUREKA STONE QUARRY, INC.	5,591.24	08/11/22		
75827	1064	EVERLASTING FENCE CO.	1,216.08	08/11/22		
75828	12246	FEDERAL LICENSING, INC	120.00	08/11/22		
75829	1004	FISHER & SON CO., INC.	2,949.88	08/11/22		
75830	13608	FISHER ACE HARDWARE	97.76	08/11/22		
75831	13947	FITNESS MACHINE TECHNICIANS	595.00	08/11/22		
75832	512	GEPPERT INC. WILLIAM A	651.55	08/11/22		
75833	1069	GLENSIDE LAWN & GARDEN, INC.	42.34	08/11/22		
75834	15506	GRAINGER	165.31	08/11/22		
75835	15312	GRANICUS LLC	11,677.98	08/11/22		
75836	3270	GROFF TRACTOR & EQUIP, INC.	1,054.79	08/11/22		

75837	541	HIBBERT'S INC	49.90	08/11/22		
75838	851	HOME DEPOT CREDIT SERVICES	624.14	08/11/22		
75839	12238	HUMMEL TROY	1,338.87	08/11/22		
75840	10824	INTERSTATE BATTERY SYSTEM	110.30	08/11/22		
75841	10249	ITSAVVY LLC	1,989.91	08/11/22	ACH	
75842	1190	J.D.M. MATERIALS CO.	7,296.00	08/11/22		
75843	3119	JOHN KENNEDY FORD JENKINTOWN	704.25	08/11/22		

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75844	15521	JUMP START SPORTS	4,472.00	08/11/22		
75845	16695	KONA ICE KING OF PRUSSIA	370.00	08/11/22		
75846	7492	LERRO CORPORATION THE	300.00	08/11/22		
75847	7602	LIFEGUARD STORE, INC. THE	1,211.00	08/11/22		
75848	8829	LIGHTKEP, INC. DAVID H.	51.98	08/11/22		
75849	14049	LINCOLN AQUATICS	420.00	08/11/22		
75850	5516	LOWE'S BUSINESS ACCOUNT	201.26	08/11/22		
75851	9985	MAD SCIENCE OF WEST NEW JERSEY	2,015.00	08/11/22		
75852	9136	MASON CO., INC. W.B.	231.53	08/11/22		
75853	1200	McMAHON ASSOCIATES, INC.	2,200.00	08/11/22		
75854	8257	MCDONALD UNIFORMS	4,649.07	08/11/22		
75855	14392	MCKINLEY FIRE COMPANY	9,832.00	08/11/22	ACH	
75856	8278	MSC INDUSTRIAL SUPPLY COMPANY	1,047.36	08/11/22		
75857	928	MUNICIPAL SUPPLY CO.,INC U.S.	647.54	08/11/22		
75858	1034	NAPA AUTO PARTS	101.71	08/11/22		
75859	8537	OFFICE DEPOT	576.96	08/11/22		
75860	941	PA RECREATION & PARK SOCIETY	2,519.80	08/11/22		
75861	3683	PARK AUTO REPAIR INC.	435.00	08/11/22		
75862	13205	PEARLSTINE, LLP WISLER	50.00	08/11/22		
75863	1889	PECO ENERGY	1,402.72	08/11/22		
75864	1890	PECO ENERGY	32,017.30	08/11/22		
75865	10464	PETSMART	289.51	08/11/22		
75866	5689	PLASTERER EQUIPMENT CO	276.00	08/11/22		
75867	16899	PORT A BOWL RESTROOM CO.	2,378.91	08/11/22		
75868	2826	PORTABLE TOILETS, INC. GEORGE	135.46	08/11/22		
75869	1193	POSITIVE PROMOTIONS	1,884.55	08/11/22		
75870	12554	PROGRAMMING & SERVICES INC. GE	3,780.00	08/11/22		
75871	1160	PROTHONOTARY THE	31.00	08/11/22		
75872	1560	PROTHONOTARY THE	31.00	08/11/22		
75873	1569	PROTHONOTARY THE	31.00	08/11/22		
75874	11564	PROTHONOTARY THE	31.00	08/11/22		
75875	11565	PROTHONOTARY THE	31.00	08/11/22		
75876	2991	READY REFRESH	61.99	08/11/22		

75877	12995	READY REFRESH	111.35	08/11/22		
75878	5194	RODON SIGNS INC.	225.00	08/11/22		
75879	13523	RUBBER SUPPLY CO., INC.	168.43	08/11/22		
75880	11298	S2VERIFY, LLC	25.00	08/11/22		
75881	1882	SHERWIN WILLIAMS CO.	43.80	08/11/22		
75882	8628	STAPLES	1,313.89	08/11/22		
75883	15540	THE HOME DEPOT PRO	784.76	08/11/22		
75884	16916	THOMAS KATHLEEN M	825.44	08/11/22		
75885	10074	TURF EQUIPMENT & SUPPLY CO	24,798.57	08/11/22		
75886	14228	UNIFIRST	159.10	08/11/22		
75887	1028	VAN'S LOCK SHOP, INC	189.00	08/11/22	ACH	
75888	1032	WEINSTEIN SUPPLY CORP.	118.66	08/11/22		
75889	9502	WILLOW TREE SERVICE	3,150.00	08/11/22		

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75890	3608	WNJ AUTOMOBILE UPHOLSTERY	475.00	08/11/22		
75891	12788	ZERO WASTE USA	544.83	08/11/22		

Check totals:	320,726.46
ACH totals:	248,017.62
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	568,744.08

Check totals:	320,726.46
ACH totals:	248,017.62
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	568,744.08

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 1 General Fund									
Vendor number: 2961 ACKER'S HARDWARE, INC.									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	2207-165783	83219	1	N	08/10/22	22.36	
Remarks: REPAIRS TO ALVERTHORPE PARK									
Totals for vendor 2961									22.36 *
Vendor number: 8855 AIRGAS USA LLC									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	9990037256	80491	5	N	08/10/22	26.46	
Remarks: ACETYLENE/OXYGEN CYCLINDERS~									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	9990037256	80491	6	N	08/10/22	14.12	
Remarks: ACETYLENE/OXYGEN CYCLINDERS~									
Totals for vendor 8855									40.58 *
Vendor number: 12309 ALLIED LANDSCAPE SUPPLY									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	4653	83245	1	N	08/10/22	170.35	
Remarks: TOOLS FOR TRUCK/09 ALL MASONARY TOOLS									
Totals for vendor 12309									170.35 *
Vendor number: 15971 APS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	6/15	0	0	N	08/10/22	517.43	
Remarks: brake kits									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/21/22	83272	1	N	08/10/22	506.81	
Remarks: filters, batteries									
Totals for vendor 15971									1,024.24 *
Vendor number: 5815 AQUA PENNSYLVANIA									
01-10366-430 000000	WATER SERVICE	2022	7/18/22	83111	1	N	08/10/22	199.30	
Remarks: water bill p.w.									
Totals for vendor 5815									199.30 *
Vendor number: 10093 ARDMORE TIRE COMPANY									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	90102	83266	1	N	08/10/22	474.00	
Remarks: tires for #407									
Totals for vendor 10093									474.00 *
Vendor number: 825 BERGEY'S INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/13	83247	1	N	08/10/22	1,277.79	
Remarks: BRAKE DRUMS, GASKETS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/28	83248	1	N	08/10/22	1,975.06	
Remarks: ACTUATOR									
Totals for vendor 825									3,252.85 *
Vendor number: 7170 BERKHEIMER TAX ADMINISTRATOR									
01-10450-403 000000	CONTRACTED SERVICES	2022	235	0	0	N	08/10/22	1,743.23	

Remarks: Earned Income Tax July 2022

Totals for vendor 7170 1,743.23 *

Vendor number: 15896 BORTEK INDUSTRIES INC.

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/29	83254	1	N	08/10/22	372.00	

Remarks: REPAIR SWEEPER

Totals for vendor 15896 372.00 *

Vendor number: 187 BRYNER CHEVROLET INC.

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/28	83250	1	N	08/10/22	69.14	

Remarks: TIRE SENSOR

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	974226	81395	1	N	08/09/22	33.34	

Remarks: UNDER CARRIAGE SHIELD FOR # 251

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 187									102.48 *
Vendor number: 15005 CAMPBELL, DURRANT P.C									
01-10317-404 000000	LEGAL-OTHER	2022	74702	0	0	N	08/10/22	1,799.50	
Remarks: Professional Services									
Totals for vendor 15005									1,799.50 *
Vendor number: 12432 CINTAS									
01-10238-437 000000	CLOTHING AND UNIFORMS	2022	JUNE/JULY	83174	1	N	08/10/22	389.68	
Remarks: v.m. uniforms									
Totals for vendor 12432									389.68 *
Vendor number: 16909 COMCAST									
01-10450-410 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/10/22	21.64	
Remarks: monthly fee									
Totals for vendor 16909									21.64 *
Vendor number: 16743 DE LOS SANTOS RAYMOND									
01-10460-410 000000	MEETINGS AND CONFERENCES	2022	CAPE MAY 072022	83285	1	N	08/10/22	78.94	
Remarks: tolls and gas for K9 training in Cape May									
Totals for vendor 16743									78.94 *
Vendor number: 14961 EASTERN AUTO PARTS WAREHOUSE									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	23218 7602	83119	1	N	08/10/22	109.56	
Totals for vendor 14961									109.56 *
Vendor number: 8629 EMERGENCY GENERATOR REPAIR CO.									
01-10373-410 000000	BUILDING MAINTENANCE	2022	9263	83239	1	N	08/10/22	220.00	
Remarks: Invoice 9263 maintenance for Annex									
Totals for vendor 8629									220.00 *
Vendor number: 1064 EVERLASTING FENCE CO.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	CS2052	83206	1	N	08/10/22	1,216.08	
Remarks: FENCE FOR ELK ST TOT LOT									
Totals for vendor 1064									1,216.08 *
Vendor number: 12246 FEDERAL LICENSING, INC									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	81392	83246	1	N	08/10/22	120.00	
Remarks: LICENSE RENEWAL									
Totals for vendor 12246									120.00 *
Vendor number: 1004 FISHER & SON CO., INC.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	244228-IN	80817	1	N	08/10/22	2,140.88	

Remarks: YEARLY PURCHASE OF GRASS SEED FOR

01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	244229-IN	82778	1	N	08/10/22	809.00		

Remarks: HERBICIDES

Totals for vendor 1004 2,949.88 *

Vendor number: 13608 FISHER ACE HARDWARE

01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	010485	83294	1	N	08/10/22	75.58		

Remarks: TAR CANS

Totals for vendor 13608 75.58 *

Vendor number: 13947 FITNESS MACHINE TECHNICIANS

01-10450-410 000000	CONTRACTED SERVICES	2022	2431138	83185	1	N	08/10/22	595.00		

Remarks: preventative maintenance

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 13947									595.00 *
Vendor number: 512 GEPPERT INC. WILLIAM A									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	24615	83275	1	N	08/10/22	257.11	
Remarks: propane tank, concrete,pressure treated									
Totals for vendor 512									257.11 *
Vendor number: 1069 GLENSIDE LAWN & GARDEN, INC.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	72670	83224	1	N	08/10/22	42.34	
Remarks: WEEDWACKER STRINGS									
Totals for vendor 1069									42.34 *
Vendor number: 15312 GRANICUS LLC									
01-10450-407 000000	CONTRACTED SERVICES	2022	152847	83011	1	N	07/27/22	11,677.98	
Remarks: Granicus web hosting and agenda renewal									
Totals for vendor 15312									11,677.98 *
Vendor number: 3270 GROFF TRACTOR & EQUIP, INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8539-1	83262	1	N	08/10/22	1,054.75	
Remarks: WATER PUMP ,BRACKETS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8539-1	0	0	N	08/10/22	.04	
Remarks: WATER PUMP ,BRACKETS									
Totals for vendor 3270									1,054.79 *
Vendor number: 851 HOME DEPOT CREDIT SERVICES									
01-10247-452 000000	CULTURE-RECREATION SUPPLIES	2022	4109071322 1230	83232	1	N	08/10/22	47.94	
Remarks: CAMP SUPPLIES, POOL SUPPLIES, SHOP SUPPLIES									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	4109071322 1230	83232	1	N	08/10/22	17.44	
Remarks: CAMP SUPPLIES, POOL SUPPLIES, SHOP SUPPLIES									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	4109071322 1230	83232	1	N	08/10/22	38.56	
Remarks: CAMP SUPPLIES, POOL SUPPLIES, SHOP SUPPLIES									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	4187072022 1244	83234	1	N	08/10/22	167.43	
Remarks: REPAIRS TO POOLS									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	4187072122 0820	83235	1	N	08/10/22	57.00	
Remarks: REPAIRS TO POOLS									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	4187072222 1121	83233	1	N	08/10/22	119.19	
Remarks: REPAIRS TO CRESMONT POOL									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	4904008	83181	1	N	08/10/22	92.21	
Remarks: sally port extension cord reel 50 ft to wall - tax exempt									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	67472	83243	1	N	08/10/22	84.37	
Remarks: CONCRETE MIX									
Totals for vendor 851									624.14 *
Vendor number: 12238 HUMMEL TROY									
01-10241-410 000000	GENERAL GOVERNMENT SUPPLIES	2022	0704 REIMBURSE	83286	1	N	08/10/22	103.32	
Remarks: reimbursement for 4th of July supplies									

01-10460-410 000000	MEETINGS AND CONFERENCES	2022	HOTEL REIMBURSE	81372	1	N	08/10/22	750.00	
Remarks: Lodging for Bike School									
01-10460-410 000000	MEETINGS AND CONFERENCES	2022	HOTEL REIMBURSE	0	0	N	08/10/22	11.94	
Remarks: Lodging for Bike School									
01-10460-410 000000	MEETINGS AND CONFERENCES	2022	MEALS AND GAS	81373	1	N	08/10/22	473.61	
Remarks: meals and travel for Bike School									
Totals for vendor 12238									1,338.87 *
Vendor number: 10824 INTERSTATE BATTERY SYSTEM									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	2887	83251	1	N	08/10/22	110.30	
Remarks: sign batteries									
Totals for vendor 10824									110.30 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 10249 ITSAVVY LLC									
01-10260-407 000000	SMALL TOOLS AND MINOR EQUIP	2022	01365495,201	83169	1	N	08/10/22	1,730.36	
Remarks: ipads and accesories									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	01365510	83194	1	N	08/10/22	259.55	
Remarks: projector and screen									
Totals for vendor 10249									1,989.91 *
Vendor number: 3119 JOHN KENNEDY FORD JENKINTOWN									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/19/22	83244	1	N	08/10/22	575.45	
Remarks: SWITCHES, BRAKES, CONDENSOR									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/19/22	0	0	N	08/10/22	128.80	
Remarks: SWITCHES, BRAKES, CONDENSOR									
Totals for vendor 3119									704.25 *
Vendor number: 15521 JUMP START SPORTS									
01-10450-452 000000	CONTRACTED SERVICES	2022	072922	83223	1	N	08/10/22	4,472.00	
Remarks: OLYMPICS CAMP AND ULT WARRIOR CAMP									
Totals for vendor 15521									4,472.00 *
Vendor number: 100183 KAREN WASHINGTON									
01-20200-342 000000	RENT OF PROPERTY	2022	2001209.004	0	0	N	08/10/22	100.00	
Remarks: RENTAL REFUND									
Totals for vendor 100183									100.00 *
Vendor number: 100182 KIRKPATRICK WALLACE									
01-12360-310 000000	BUSINESS TAX REFUNDS	2022	BUS055994	0	0	N	08/10/22	230.00	
Remarks: REFUND BUSINESS TAX									
Totals for vendor 100182									230.00 *
Vendor number: 7492 LERRO CORPORATION THE									
01-12310-407 000000	PROFESSIONAL SERVICES	2022	75092	83217	1	N	08/04/22	300.00	
Remarks: emergency TV equipment repairs									
Totals for vendor 7492									300.00 *
Vendor number: 8829 LIGHTKEP, INC. DAVID H.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	558705	83226	1	N	08/10/22	51.98	
Remarks: CHAIN FOR POWER PRUNER									
Totals for vendor 8829									51.98 *
Vendor number: 14049 LINCOLN AQUATICS									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	SR065404	82174	1	N	08/10/22	420.00	
Remarks: CAULK FOR POOLS									
Totals for vendor 14049									420.00 *

Vendor number: 5516 LOWE'S BUSINESS ACCOUNT									
	01-12210-452 000000	OFFICE SUPPLIES	2022	20635494	83229	1	N	08/10/22	39.70
Remarks: OFFICE CHAIR									
	01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	2158108	83230	1	N	08/10/22	161.56
Remarks: REPAIRS TO ACEC									
Totals for vendor 5516									201.26 *
Vendor number: 9985 MAD SCIENCE OF WEST NEW JERSEY									
	01-10450-452 000000	CONTRACTED SERVICES	2022	141538	83220	1	N	08/10/22	2,015.00
Remarks: NASA CAMP									
Totals for vendor 9985									2,015.00 *
Vendor number: 9136 MASON CO., INC. W.B.									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-12210-410 000000	OFFICE SUPPLIES	2022	231568851 53528	83101	1	N	08/10/22	231.53	
Remarks: supplies for ROC									
Totals for vendor 9136									231.53 *
Vendor number: 8257 MCDONALD UNIFORMS									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	202780-01	83190	1	N	08/10/22	555.52	
Remarks: Ofc Roberts Long sleeve shirts new hire									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	208075-01 MULT	83192	1	N	08/10/22	3,784.55	
Remarks: invoices 208075-01, 208063-01, 206975-01									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	209619	83290	1	N	08/10/22	309.00	
Remarks: 209619 boots for scholl									
Totals for vendor 8257									4,649.07 *
Vendor number: 14392 MCKINLEY FIRE COMPANY									
01-10351-411 000000	PROPERTY & LIABILITY INSURANCE	2022	INS - 07/2022	83086	1	N	08/09/22	9,832.00	
Remarks: Insurance Reimbursement - July 2022									
Totals for vendor 14392									9,832.00 *
Vendor number: 1034 NAPA AUTO PARTS									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	4607-697652	83292	1	N	08/10/22	63.36	
Remarks: WELDING GLOVES									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/25/22	83271	1	N	08/09/22	38.35	
Remarks: brake lube, oil filter									
Totals for vendor 1034									101.71 *
Vendor number: 8537 OFFICE DEPOT									
01-12210-402 000000	OFFICE SUPPLIES	2022	254631775001	82808	1	N	08/10/22	576.96	
Totals for vendor 8537									576.96 *
Vendor number: 941 PA RECREATION & PARK SOCIETY									
01-10450-452 000000	CONTRACTED SERVICES	2022	JULY 2022	83218	1	N	08/10/22	2,519.80	
Remarks: DISCOUNT TICKET SALES JULY 2022									
Totals for vendor 941									2,519.80 *
Vendor number: 3683 PARK AUTO REPAIR INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7/28	83249	1	N	08/10/22	435.00	
Remarks: EMISSION TESTING									
Totals for vendor 3683									435.00 *
Vendor number: 13205 PEARLSTINE, LLP WISLER									
01-11317-404 000000	LEGAL-TAX ASSESSMENT APPEALS	2022	326444	0	0	N	08/10/22	50.00	
Remarks: Professional Services									
Totals for vendor 13205									50.00 *

Vendor number: 10464 PETSMART										
01-10241-410 000000	GENERAL GOVERNMENT SUPPLIES	2022	MOOSE 83227	83227	1	N	08/10/22	289.51		
Remarks: food and supplies for K9 Moose										
Totals for vendor 10464										289.51 *
Vendor number: 5689 PLASTERER EQUIPMENT CO										
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	33862	83120	1	N	08/10/22	276.00		
Remarks: calipers										
Totals for vendor 5689										276.00 *
Vendor number: 16899 PORT A BOWL RESTROOM CO.										
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11056	81236	2	N	08/10/22	575.00		
Remarks: PORTABLE TOILET RENTALS~										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11056	0	0	N	08/10/22	10.33	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11057	81236	3	N	08/10/22	575.00	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11057	0	0	N	08/10/22	10.33	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11058	81236	4	N	08/10/22	575.00	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11058	0	0	N	08/10/22	10.33	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11059	81236	5	N	08/10/22	575.00	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	INV/2022/11059	0	0	N	08/10/22	47.92	
Remarks: PORTABLE TOILET RENTALS~									
Totals for vendor 16899									2,378.91 *
Vendor number: 2826 PORTABLE TOILETS, INC. GEORGE									
01-10450-451 000000	CONTRACTED SERVICES	2022	P-196200	83237	1	N	08/10/22	74.46	
Remarks: PORTABLE TOILET RENTAL ACEC									
01-10450-451 000000	CONTRACTED SERVICES	2022	P-196275	83237	1	N	08/10/22	61.00	
Remarks: PORTABLE TOILET RENTAL ACEC									
Totals for vendor 2826									135.46 *
Vendor number: 12554 PROGRAMMING & SERVICES INC. GE									
01-10450-452 000000	CONTRACTED SERVICES	2022	070822	83221	1	N	08/10/22	1,080.00	
Remarks: GEOCACHING CAMP									
01-10450-452 000000	CONTRACTED SERVICES	2022	072222	83222	1	N	08/10/22	2,700.00	
Remarks: ESCAPE THE CAMP									
Totals for vendor 12554									3,780.00 *
Vendor number: 1160 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08052022	0	0	N	08/10/22	31.00	
Remarks: llien filing									
Totals for vendor 1160									31.00 *
Vendor number: 1560 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08052022	0	0	N	08/10/22	31.00	
Remarks: Lien Filing									
Totals for vendor 1560									31.00 *
Vendor number: 1569 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08052022	0	0	N	08/10/22	31.00	
Totals for vendor 1569									31.00 *
Vendor number: 11564 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08052022	0	0	N	08/10/22	31.00	

Remarks: Lien Filing

Totals for vendor 11564 31.00 *

Vendor number: 11565 PROTHONOTARY THE

01-10317-404 000000	LEGAL-OTHER	2022	08052022	0	0	N	08/10/22	31.00	

Remarks: Lien Filing

Totals for vendor 11565 31.00 *

Vendor number: 12991 READY REFRESH

01-10366-451 000000	WATER SERVICE	2022	02G0442567186	83274	1	N	08/10/22	61.99	

Remarks: WATER SERVICE 900 FOX CHASE RD

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 12991									61.99 *
Vendor number: 12995 READY REFRESH									
01-10366-409 000000	WATER SERVICE	2022	02H0442565891	0	0	N	08/10/22	111.35	
Totals for vendor 12995									111.35 *
Vendor number: 13523 RUBBER SUPPLY CO., INC.									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	9054-2, 9054-01	83253	1	N	08/10/22	168.43	
Remarks: tools for p.w.									
Totals for vendor 13523									168.43 *
Vendor number: 11298 S2VERIFY, LLC									
01-12310-410 000000	PROFESSIONAL SERVICES	2022	5411	83171	1	N	08/10/22	25.00	
Remarks: background checks E. Howells									
Totals for vendor 11298									25.00 *
Vendor number: 1882 SHERWIN WILLIAMS CO.									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	0228-4	83236	1	N	08/10/22	43.80	
Remarks: REPAIRS TO ACEC									
Totals for vendor 1882									43.80 *
Vendor number: 8628 STAPLES									
01-10450-413 000000	CONTRACTED SERVICES	2022	3495420934	83280	1	N	08/10/22	47.07	
Remarks: CODE SUPPLIES									
01-12210-402 000000	OFFICE SUPPLIES	2022	8066681964-1	82551	1	N	08/10/22	935.81	
Remarks: Invoice 8066681964									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	9468 9469	83068	1	N	08/10/22	331.01	
Remarks: printer for v.m.									
Totals for vendor 8628									1,313.89 *
Vendor number: 15540 THE HOME DEPOT PRO									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	8/1/22	83240	1	N	08/10/22	784.76	
Remarks: WHEEL BARROWS									
Totals for vendor 15540									784.76 *
Vendor number: 16916 THOMAS KATHLEEN M									
01-10317-403 000000	LEGAL-OTHER	2022	5	0	0	N	08/10/22	825.44	
Remarks: Audit Services									
Totals for vendor 16916									825.44 *
Vendor number: 14228 UNIFIRST									
01-10450-410 000000	CONTRACTED SERVICES	2022	B128579	83172	1	N	08/10/22	146.15	
Remarks: first aid kit supplies									
01-10450-410 000000	CONTRACTED SERVICES	2022	B128579	0	0	N	08/10/22	12.95	

Remarks: first aid kit supplies

Totals for vendor 14228 159.10 *

Vendor number: 1028 VAN'S LOCK SHOP, INC

01-10450-454 000000	CONTRACTED SERVICES	2022	128110	83228	1	N	08/10/22	99.00

Remarks: DUPLICATE KEYS

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	128181	83117	1	N	08/10/22	90.00

Remarks: key for #29-91

Totals for vendor 1028 189.00 *

Vendor number: 3608 WNJ AUTOMOBILE UPHOLSTERY

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	5357	83263	1	N	08/10/22	475.00

Remarks: SEWAT REPAIR

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 3608									475.00 *
Vendor number: 12788 ZERO WASTE USA									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	498254	83159	1	N	08/10/22	500.00	
Remarks: DOG WASTE BAGS									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	498254	0	0	N	08/10/22	44.83	
Remarks: DOG WASTE BAGS									
Totals for vendor 12788									544.83 *
Totals for fund 1									70,680.72 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 2 Sewer Fund									
Vendor number: 1308 CITY OF PHILA/WATER DEPT									
02-11530-429 000000	PAYMENT TO OTHER GOVERNMENTS	2022	IV02002943	0	0	N	08/10/22	176,578.30	
Remarks: June 2022									
Totals for vendor 1308									176,578.30 *
Vendor number: 13608 FISHER ACE HARDWARE									
02-10227-429 000000	SANITATION SUPPLIES	2022	010463	83304	1	N	08/10/22	8.09	
Remarks: VACUUM BAGS									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	010474	83303	1	N	08/10/22	14.09	
Remarks: RUBBER UNDERCOATING PAINT & BEE SPRAY									
Totals for vendor 13608									22.18 *
Totals for fund 2									176,600.48 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 4 Grant and Special ProjectsFund									
Vendor number: 15969 AMAZON									
04-10260-410-GPTEST	SMALL TOOLS AND MINOR EQUIP	2022	11H4CWP4JP1P	83170	1	N	08/10/22	5.49	
Remarks: zip ties for police test									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	196DQML4WT4C	83113	1	N	08/09/22	420.96	
Remarks: Invoices 196DQML4WT4C and 1LWWKY177WF									
Totals for vendor 15969									426.45 *
Vendor number: 9216 CONTRACTORS HAULING SERVICE									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	497342	83314	1	N	08/10/22	800.00	
Remarks: HAULING CHARGE-CHS									
Totals for vendor 9216									800.00 *
Vendor number: 7581 COUNTY LINE FENCE CO.,INC									
04-10720-408-AR2118	IMPROV. OTHER THAN BUILDINGS	2022	505251	83276	1	N	08/10/22	1,098.00	
Remarks: fencing									
Totals for vendor 7581									1,098.00 *
Vendor number: 512 GEPPERT INC. WILLIAM A									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	22380	83270	1	N	08/10/22	276.58	
Remarks: concrete mix									
04-10720-408-AR2118	IMPROV. OTHER THAN BUILDINGS	2022	25215	83273	1	N	08/10/22	117.86	
Remarks: concrete mix									
Totals for vendor 512									394.44 *
Vendor number: 541 HIBBERT'S INC									
04-10720-408-AR2118	IMPROV. OTHER THAN BUILDINGS	2022	7/26/22	83282	1	N	08/10/22	49.90	
Remarks: DATE STAMPS									
Totals for vendor 541									49.90 *
Vendor number: 1190 J.D.M. MATERIALS CO.									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	496444	83256	1	N	08/10/22	2,788.00	
Remarks: 28" MIDDLE 28"1/2 MIDDLE									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	497338	83310	1	N	08/10/22	1,484.00	
Remarks: 28" TOP									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	497340	83313	1	N	08/10/22	3,024.00	
Remarks: 28" BOTTOM									
Totals for vendor 1190									7,296.00 *
Vendor number: 16695 KONA ICE KING OF PRUSSIA									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	FOODTRUCK22	83284	1	N	08/10/22	370.00	
Remarks: food truck appreciation event									
Totals for vendor 16695									370.00 *

Vendor number: 7602 LIFEGUARD STORE, INC. THE										
04-10260-430-GA2001	SMALL TOOLS AND MINOR EQUIP	2022	INV001233791	83199	1	N	08/10/22	1,211.00		
Remarks: RESCUE TUBES AND FIRST AID PACKS										
Totals for vendor 7602										1,211.00 *
Vendor number: 1200 McMAHON ASSOCIATES, INC.										
04-10450-408-GE2101	CONTRACTED SERVICES	2022	185720	83189	1	N	08/10/22	2,200.00		
Remarks: ADA RAMP DESIGN										
Totals for vendor 1200										2,200.00 *
Vendor number: 1193 POSITIVE PROMOTIONS										
04-10450-410-GP2101	CONTRACTED SERVICES	2022	60891540	82680	1	N	08/10/22	1,884.55		
Remarks: tumblers for appreciation event										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 1193									1,884.55 *
Vendor number: 5194 RODON SIGNS INC.									
04-10260-410-GPTEST	SMALL TOOLS AND MINOR EQUIP	2022	16568	83152	1	N	08/10/22	225.00	
Remarks: banners for police test									
Totals for vendor 5194									225.00 *
Vendor number: 100184 The Tot Rod									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	000001	83241	1	N	08/10/22	750.00	
Remarks: deposit for food truck appreciation event August 31, 2022									
Totals for vendor 100184									750.00 *
Vendor number: 9502 WILLOW TREE SERVICE									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	64633	83315	1	N	08/10/22	3,150.00	
Totals for vendor 9502									3,150.00 *
Totals for fund 4									19,855.34 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 9 Refuse Fund									
Vendor number: 16417 AQUA									
09-10366-427-000000	WATER SERVICE	2022	072122 0121346	83184	1	N	08/10/22	38.00	
Remarks: 995 Fitwatertown Rd 0121346									
Totals for vendor 16417									38.00 *
Vendor number: 16472 AQUA PA									
09-10366-427-000000	WATER SERVICE	2022	072122 0128424	83186	1	N	08/10/22	127.26	
Remarks: 925 Fitwatertown Rd 0128424									
Totals for vendor 16472									127.26 *
Vendor number: 8543 COMCAST CABLE									
09-10450-427-000000	CONTRACTED SERVICES	2022	072422 0123066	83196	1	N	08/10/22	138.39	
Remarks: 995 Fitzwatertown Rd 0123066									
Totals for vendor 8543									138.39 *
Vendor number: 13388 COVANTA ENERGY, LLC									
09-10450-427-000000	CONTRACTED SERVICES	2022	403801ABING	83289	1	N	08/10/22	127,747.84	
Remarks: 403801ABING/404940MNTLP									
09-10450-427-000000	CONTRACTED SERVICES	2022	407888ABING	83283	1	N	08/10/22	107,767.35	
Remarks: 407888ABING July 2022 Invoice									
Totals for vendor 13388									235,515.19 *
Vendor number: 1032 WEINSTEIN SUPPLY CORP.									
09-10260-427-000000	SMALL TOOLS AND MINOR EQUIP	2022	S028983805.001	83195	1	N	08/10/22	118.66	
Remarks: S028983805.001									
Totals for vendor 1032									118.66 *
Totals for fund 9									235,937.50 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 18 Capital Projects Fund									
Vendor number: 1100 EUREKA STONE QUARRY, INC.									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	49347	83173	1	N	08/10/22	5,591.24	
Remarks: paving 7/15/2022									
Totals for vendor 1100									5,591.24 *
Vendor number: 10074 TURF EQUIPMENT & SUPPLY CO									
18-10740-454-220054	MACHINERY	2022	16496-00	80794	1	N	08/10/22	24,798.57	
Remarks: TORO GRAND STAND MULTI-FORCE MACHINE									
Totals for vendor 10074									24,798.57 *
Totals for fund 18									30,389.81 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 35 Highway Aid Fund									
Vendor number: 15506 GRAINGER									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	9381211193	83293	1	N	08/10/22	165.31	
Remarks: DRILL BIT									
Totals for vendor 15506									165.31 *
Vendor number: 8278 MSC INDUSTRIAL SUPPLY COMPANY									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	97614645	83252	1	N	08/10/22	1,047.36	
Totals for vendor 8278									1,047.36 *
Vendor number: 928 MUNICIPAL SUPPLY CO.,INC U.S.									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	6198970	83295	1	N	08/10/22	647.54	
Remarks: DELINEATORS									
Totals for vendor 928									647.54 *
Vendor number: 1889 PECO ENERGY									
35-10361-433-000000	ELECTRIC AND GAS	2022	AUGUST 2022	0	0	N	08/10/22	1,402.72	
Remarks: Street lights									
Totals for vendor 1889									1,402.72 *
Vendor number: 1890 PECO ENERGY									
35-10361-433-000000	ELECTRIC AND GAS	2022	AUGUST 2022	0	0	N	08/10/22	32,017.30	
Remarks: Street Lights									
Totals for vendor 1890									32,017.30 *
Totals for fund 35									35,280.23 **
Grand totals									568,744.08 ***

*** End of Report ***

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
Checks for Cash	Account: 99-10090-000 000000					
75892	100073	ANALYTICAL LABORATORIES, INC	740.00	08/18/22		
75893	100185	APPROVED CONTRACTORS INC	1,755.00	08/18/22		
75894	100187	AQ PROPERTIES, LLC	324.50	08/18/22		
75895	100050	BELA PRINTING & PACKAGING	150.00	08/18/22		
75896	100052	Humpty Dumplings	450.00	08/18/22		
75897	100062	Jules Thin Crust	950.00	08/18/22		
75898	100150	Leaf	119.00	08/18/22		
75899	100188	SHERRIE SINGLETON	72.00	08/18/22		
75900	100189	The Hitchman	9,709.00	08/18/22		
75901	100160	TRISTRUX, LLC	139.50	08/18/22		
75902	100118	West Avenue Grille	2,498.54	08/18/22		
75903	100186	WORTHINGTON WATERPROOFING	479.50	08/18/22		
75904	907	21ST CENTURY MEDIA	569.05	08/18/22		
75905	4	ABINGTON AUTO CARE	65.00	08/18/22		ACH
75906	9143	ABINGTON FIRE COMPANY	4,023.24	08/18/22		ACH
75907	7884	AIRGAS USA, LLC	82.00	08/18/22		ACH
75908	12572	AIRGAS USA, LLC	251.35	08/18/22		ACH
75909	9042	ALL TRAFFIC SOLUTIONS	5,021.00	08/18/22		
75910	12309	ALLIED LANDSCAPE SUPPLY	366.90	08/18/22		
75911	15969	AMAZON	317.91	08/18/22		
75912	15971	APS	586.55	08/18/22		
75913	5816	AQUA PENNSYLVANIA	255.11	08/18/22		
75914	2776	ARCHIE JOHN	180.62	08/18/22		ACH
75915	9635	BARNDT LINDA	541.86	08/18/22		
75916	14583	BATTERIES PLUS BULBS	265.14	08/18/22		
75917	2581	BERARDELLI POOL SERVICE	711.00	08/18/22		
75918	707	BILLOWS ELECTRIC SUPPLY INC	863.36	08/18/22		
75919	13330	BRITTON INDUSTRIES	2,095.00	08/18/22		
75920	187	BRYNER CHEVROLET INC.	55.78	08/18/22		
75921	10104	BSI ELECTRICAL CONTRACTORS	11,670.00	08/18/22		
75922	12954	BUCKMAN'S INC.	1,807.50	08/18/22		
75923	10610	BURGER KING #3284	266.09	08/18/22		
75924	13223	BUSINESS RADIO LICENSING	110.00	08/18/22		
75925	14688	CARDMEMBER SERVICE	14,305.91	08/18/22		
75926	8363	CODE INSPECTIONS INC	1,332.50	08/18/22		
75927	12200	COLONIAL ELECTRIC SUPPLY CO	121.19	08/18/22		
75928	13433	COMCAST	206.33	08/18/22		
75929	15235	COMCAST	115.35	08/18/22		
75930	15371	COMCAST	274.52	08/18/22		
75931	6524	COMCAST BUSINESS	838.95	08/18/22		
75932	10783	COMCAST CABLE	118.35	08/18/22		
75933	10224	COMMUNICATION SOLUTIONS	3,599.51	08/18/22		
75934	5571	CONCEPT SEATING INC	25.25	08/18/22		
75935	3261	CONROY'S CLEANING INC	2,720.00	08/18/22		ACH
75936	9949	COURIER TIMES, INC.	3,489.30	08/18/22		

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75937	16574	DE LAGE LANDEN	149.00	08/18/22		ACH
75938	3137	DEL-VAL INTERNATIONAL TRUCKS	1,256.89	08/18/22		
75939	12558	DIKUN PAUL	90.00	08/18/22		
75940	2074	DSI MEDICAL SERVICES, INC.	1,296.88	08/18/22		
75941	6452	DUFFY BROTHERS LLC E	635.00	08/18/22		
75942	9408	EAGLE POINT GUN SHOP	3,900.00	08/18/22		
75943	9146	EDGE HILL FIRE COMPANY	2,629.30	08/18/22		ACH
75944	13821	ERKERT LISA	479.52	08/18/22		
75945	1100	EUREKA STONE QUARRY, INC.	204,461.00	08/18/22		
75946	8830	FERGUSON ENTERPRISES LLC	243.57	08/18/22		
75947	9850	FIREMAN'S ASSOCIATION, INC. LA	2,638.61	08/18/22		
75948	530	FOLEY CAT	3,599.55	08/18/22		
75949	14425	FRANKFORD CECILIA	180.62	08/18/22		ACH
75950	5471	FULL MOON TECHNOLOGY LLC	616.45	08/18/22		
75951	512	GEPPERT INC. WILLIAM A	134.13	08/18/22		
75952	5517	GLASGOW, INC.	6,996.62	08/18/22		ACH
75953	1069	GLENSIDE LAWN & GARDEN, INC.	5.00	08/18/22		
75954	8079	GRECO CUSTOM CARPENTRY INC	745.00	08/18/22		ACH
75955	3270	GROFF TRACTOR & EQUIP, INC.	2,967.58	08/18/22		
75956	602	HAJOCA CORP.	645.60	08/18/22		ACH
75957	851	HOME DEPOT CREDIT SERVICES	586.20	08/18/22		
75958	10249	ITSAVVY LLC	1,295.07	08/18/22		ACH
75959	1190	J.D.M. MATERIALS CO.	79,610.10	08/18/22		
75960	12833	JNA MATERIALS, LLC	1,435.50	08/18/22		
75961	3119	JOHN KENNEDY FORD JENKINTOWN	860.66	08/18/22		
75962	15489	JONES JORDAN	657.48	08/18/22		
75963	12868	KELLER, INC. CHARLES G.	1,400.00	08/18/22		
75964	16812	KENDALL ELECTRIC INC	37.50	08/18/22		
75965	920	KIRKLAND PRINTING, INC	557.00	08/18/22		
75966	12818	LANSDALE CHRYSLER	383.72	08/18/22		
75967	15731	LEAF	133.00	08/18/22		
75968	16575	LEAF	136.00	08/18/22		
75969	16748	LEAF	105.00	08/18/22		
75970	3370	LESLIE'S POOLMART, INC.	841.44	08/18/22		
75971	15798	LIZZI CUSTOM GRAPHICS LLC.	540.00	08/18/22		
75972	12369	MAC HYDRAULICS	2,042.18	08/18/22		ACH
75973	9985	MAD SCIENCE OF WEST NEW JERSEY	2,786.00	08/18/22		
75974	9136	MASON CO., INC. W.B.	1,400.00	08/18/22		
75975	15689	MATCO TOOLS	1,300.00	08/18/22		
75976	6989	MATTEO LARRY	180.62	08/18/22		ACH
75977	1200	McMAHON ASSOCIATES, INC.	16,629.80	08/18/22		
75978	9144	MC KINLEY FIRE COMPANY	2,835.15	08/18/22		ACH
75979	8257	MCDONALD UNIFORMS	4,519.32	08/18/22		
75980	10456	MEGELSH GEORGE	308.00	08/18/22		ACH
75981	4813	MOLLOY PATRICK	311.30	08/18/22		ACH
75982	13218	MORTON SALT, INC.	107,684.21	08/18/22		

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
75983	8278	MSC INDUSTRIAL SUPPLY COMPANY	661.13	08/18/22		
75984	15196	MURPHY JACK	180.62	08/18/22		ACH
75985	13565	MYEROV SUE	9.00	08/18/22		
75986	1034	NAPA AUTO PARTS	349.38	08/18/22		
75987	4265	OFFICE BASICS, INC.	899.80	08/18/22		
75988	8537	OFFICE DEPOT	66.55	08/18/22		
75989	13469	PA DEP COMMONWEALTH OF PA	215.00	08/18/22		
75990	277	PENDERGAST SAFETY EQUIP. CO.	614.00	08/18/22		
75991	1061	PENNA ONE CALL SYSTEMS, INC.	326.70	08/18/22		ACH
75992	5689	PLASTERER EQUIPMENT CO	224.56	08/18/22		
75993	8842	POLYDYNE INC.	5,351.06	08/18/22		ACH
75994	4032	PREMIUM CLEANING SERVICE CORP	1,080.00	08/18/22		ACH
75995	1309	REIT LUBRICANTS CO.	1,059.00	08/18/22		ACH
75996	9147	ROSLYN FIRE COMPANY	10,255.38	08/18/22		ACH
75997	981	ROSLYN SUPPLY-GULFEAGLE 103	371.00	08/18/22		
75998	4607	SHAPIRO FIRE PROTECTION CO	176.16	08/18/22		
75999	1882	SHERWIN WILLIAMS CO.	293.67	08/18/22		
76000	929	STAHL ROBERT	361.24	08/18/22		
76001	8628	STAPLES	360.22	08/18/22		
76002	15540	THE HOME DEPOT PRO	1,764.76	08/18/22		
76003	15153	TIREHUB, LLC	814.26	08/18/22		
76004	10627	TRAFFIC PLANNING & DESIGN INC	9,606.25	08/18/22		
76005	14369	ULINE INC	343.21	08/18/22		
76006	11996	USALCO	12,123.01	08/18/22		ACH
76007	1028	VAN'S LOCK SHOP, INC	280.89	08/18/22		ACH
76008	112	VERIZON	122.37	08/18/22		
76009	4072	VERIZON	70.11	08/18/22		
76010	14496	VERIZON	149.98	08/18/22		
76011	7500	VILE SUSAN ELIZABETH	281.25	08/18/22		ACH
76012	9145	WELDON FIRE COMPANY	2,420.38	08/18/22		ACH
76013	14393	WELDON FIRE COMPANY	7,363.00	08/18/22		ACH
76014	11732	WITMER PUBLIC SAFETY GROUP INC	972.74	08/18/22		ACH
76015	11940	XYLEM WATERING SOLUTIONS, INC.	10,496.14	08/18/22		
Check totals:			539,212.35			
ACH totals:			67,334.70			
EFTPS totals:						
Wire transfer totals:						
Payment Manager totals:						
GRAND TOTALS			606,547.05			

Check totals:	539,212.35
ACH totals:	67,334.70
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	606,547.05

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 1 General Fund									
Vendor number: 907 21ST CENTURY MEDIA									
01-11341-401 000000	ADVERTISING	2022	2355584	0	0	N	08/17/22	569.05	
Remarks: advertising									
Totals for vendor 907									569.05 *
Vendor number: 4 ABINGTON AUTO CARE									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	60973	83393	1	N	08/17/22	65.00	
Remarks: JULY TOWING									
Totals for vendor 4									65.00 *
Vendor number: 12572 AIRGAS USA, LLC									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7656	83413	1	N	08/17/22	251.35	
Remarks: JULY CYLINDER RENTAL									
Totals for vendor 12572									251.35 *
Vendor number: 12309 ALLIED LANDSCAPE SUPPLY									
01-10373-452 000000	BUILDING MAINTENANCE	2022	851938-1	0	0	N	08/17/22	366.90	
Remarks: sand									
Totals for vendor 12309									366.90 *
Vendor number: 15969 AMAZON									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	17NQJPQM9W6P	83279	1	N	08/17/22	277.91	
Remarks: Invoice 17NQJPQM9W6P									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	1HW6KKVY4TDX	83365	1	N	08/17/22	40.00	
Remarks: iPad case for ROC									
Totals for vendor 15969									317.91 *
Vendor number: 100073 ANALYTICAL LABORATORIES, INC									
01-10450-452 000000	CONTRACTED SERVICES	2022	1036322	83347	1	N	08/17/22	300.00	
Remarks: POOL WATER TESTING									
01-10450-452 000000	CONTRACTED SERVICES	2022	1307922	0	0	N	08/17/22	300.00	
Remarks: POOL WATER TESTING									
01-10450-454 000000	CONTRACTED SERVICES	2022	1308222	83347	2	N	08/17/22	140.00	
Remarks: POOL WATER TESTING									
Totals for vendor 100073									740.00 *
Vendor number: 100185 APPROVED CONTRACTORS INC									
01-12410-362 000000	BUILDING PERMITS	2022	PRR22-19	0	0	N	08/17/22	1,755.00	
Remarks: 426 MAPLE AVE-PERMIT REFUND									
Totals for vendor 100185									1,755.00 *
Vendor number: 15971 APS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/9	83373	1	N	08/17/22	586.55	

Remarks: car parts

Totals for vendor 15971 586.55 *

Vendor number: 100187 AQ PROPERTIES, LLC

01-12410-362 000000	BUILDING PERMITS	2022	PRAC22-43	0	0	N	08/17/22	320.00

Remarks: 1912 JENKINTOWN RD-PERMIT REFUND

Totals for vendor 100187 320.00 *

Vendor number: 100050 BELA PRINTING & PACKAGING

01-10342-410 000000	PRINTING	2022	7502	83095	1	N	08/17/22	100.00

Remarks: business cards for Dets. Cartwright, Space, Nisbet

01-10342-410 000000	PRINTING	2022	7502	0	0	N	08/17/22	50.00

Remarks: business cards for Dets. Cartwright, Space, Nisbet

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 100050									150.00 *
Vendor number: 2581 BERARDELLI POOL SERVICE									
01-10221-452 000000	CHEMICALS	2022	1674	83346	1	N	08/17/22	711.00	
Remarks: POOL CHEMICALS									
Totals for vendor 2581									711.00 *
Vendor number: 13330 BRITTON INDUSTRIES									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	0861498-IN	83204	1	N	08/17/22	2,000.00	
Remarks: PLAYGROUND WOODCHIPS									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	0861498-IN	0	0	N	08/17/22	95.00	
Remarks: PLAYGROUND WOODCHIPS									
Totals for vendor 13330									2,095.00 *
Vendor number: 187 BRYNER CHEVROLET INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	981736	83395	1	N	08/17/22	55.78	
Remarks: SUSPENSION LINK									
Totals for vendor 187									55.78 *
Vendor number: 10104 BSI ELECTRICAL CONTRACTORS									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	22-136	83400	1	N	08/17/22	11,670.00	
Remarks: REPAIRS TO ALVERTHORPE PARK ELECTRICAL UNIT									
Totals for vendor 10104									11,670.00 *
Vendor number: 12954 BUCKMAN'S INC.									
01-10221-452 000000	CHEMICALS	2022	792408	83338	1	N	08/17/22	1,084.50	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	792409	83339	1	N	08/17/22	723.00	
Remarks: POOL CHEMICALS									
Totals for vendor 12954									1,807.50 *
Vendor number: 10610 BURGER KING #3284									
01-10229-410 000000	PRISONER EXPENSE	2022	JULY 2022	83316	1	N	08/17/22	266.09	
Remarks: prisoner meals for July 2022									
Totals for vendor 10610									266.09 *
Vendor number: 13223 BUSINESS RADIO LICENSING									
01-10450-410 000000	CONTRACTED SERVICES	2022	LICENSE	0	0	N	08/17/22	110.00	
Remarks: License fee									
Totals for vendor 13223									110.00 *
Vendor number: 14688 CARDMEMBER SERVICE									
01-10450-451 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	-545.20	
Remarks: Township Chages									

01-10450-451 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	-307.40	
Remarks: Township Chages									
01-10241-410 000000	GENERAL GOVERNMENT SUPPLIES	2022	AUGUST 2022	0	0	N	08/17/22	138.70	
Remarks: Township Chages									
01-10450-410 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	10.00	
Remarks: Township Chages									
01-10373-409 000000	BUILDING MAINTENANCE	2022	AUGUST 2022	0	0	N	08/17/22	162.59	
Remarks: Township Chages									
01-10450-451 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	1,189.00	
Remarks: Township Chages									
01-10450-410 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	145.00	
Remarks: Township Chages									
01-10450-451 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	1,064.44	
Remarks: Township Chages									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10260-407 000000	SMALL TOOLS AND MINOR EQUIP	2022	AUGUST 2022	0	0	N	08/17/22	320.08	
Remarks: Township Chages									
01-10220-456 000000	LIBRARY OPERATING	2022	AUGUST 2022	0	0	N	08/17/22	42.19	
Remarks: Township Chages									
01-10321-410 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	2,802.75	
Remarks: Township Chages									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	AUGUST 2022	0	0	N	08/17/22	16.55	
Remarks: Township Chages									
01-10260-419 000000	SMALL TOOLS AND MINOR EQUIP	2022	AUGUST 2022	0	0	N	08/17/22	19.69	
Remarks: Township Chages									
01-10450-408 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	122.21	
Remarks: Township Chages									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	131.57	
Remarks: Township Chages									
01-62000-224 000000	VERIZON WIRELESS	2022	AUGUST 2022	0	0	N	08/17/22	712.08	
Remarks: Township Chages									
01-11420-401 000000	DUES, SUBSCR. AND MEMBERSHIPS	2022	AUGUST 2022	0	0	N	08/17/22	1,400.00	
Remarks: Township Chages									
01-10450-407 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	302.02	
Remarks: Township Chages									
01-10460-410 000000	MEETINGS AND CONFERENCES	2022	AUGUST 2022	0	0	N	08/17/22	477.42	
Remarks: Township Chages									
01-10373-409 000000	BUILDING MAINTENANCE	2022	AUGUST 2022	0	0	N	08/17/22	690.86	
Remarks: Township Chages									
01-12210-401 000000	OFFICE SUPPLIES	2022	AUGUST 2022	0	0	N	08/17/22	65.83	
Remarks: Township Chages									
01-12210-401 000000	OFFICE SUPPLIES	2022	AUGUST 2022	0	0	N	08/17/22	22.02	
Remarks: Township Chages									
01-10450-452 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	350.15	
Remarks: Township Chages									
01-10450-452 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	350.15	
Remarks: Township Chages									
01-12210-401 000000	OFFICE SUPPLIES	2022	AUGUST 2022	0	0	N	08/17/22	56.99	
Remarks: Township Chages									
01-10241-410 000000	GENERAL GOVERNMENT SUPPLIES	2022	AUGUST 2022	0	0	N	08/17/22	5.00	
Remarks: Township Chages									
01-11341-406 000000	ADVERTISING	2022	AUGUST 2022	0	0	N	08/17/22	1,142.00	
Remarks: Township Chages									
01-10321-406 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	203.77	
Remarks: Township Chages									
Totals for vendor 14688									11,090.46 *
Vendor number: 8363 CODE INSPECTIONS INC									
01-10450-413 000000	CONTRACTED SERVICES	2022	383	83326	1	N	08/17/22	1,332.50	
Remarks: BCO SERVICES-JULY 2022									
Totals for vendor 8363									1,332.50 *
Vendor number: 13433 COMCAST									
01-10450-454 000000	CONTRACTED SERVICES	2022	080822	80545	8	N	08/17/22	206.33	
Remarks: ALVERTHORPE PARK CONTROL~									

Totals for vendor 13433										206.33 *
Vendor number: 15235 COMCAST										
01-10450-451 000000	CONTRACTED SERVICES	2022	080122	82754	2	N	08/17/22	115.35		
Remarks: CABLE SERVICE 2595 RUBICAM AVE										
Totals for vendor 15235										115.35 *
Vendor number: 15371 COMCAST										
01-10450-451 000000	CONTRACTED SERVICES	2022	152343832	0	0	N	08/17/22	274.52		
Remarks: CRESTMONT CLUBHOUSE PHONES										
Totals for vendor 15371										274.52 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 6524 COMCAST BUSINESS									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	13	N	08/17/22	.34	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	14	N	08/17/22	.97	
Remarks: PARKS DEPT. PHONES~									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	15	N	08/17/22	.58	
Remarks: PARKS DEPT. PHONES~									
01-10321-454 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	16	N	08/17/22	.33	
Remarks: PARKS DEPT. PHONES~									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	17	N	08/17/22	.58	
Remarks: PARKS DEPT. PHONES~									
01-10321-454 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	18	N	08/17/22	.33	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	19	N	08/17/22	.34	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	20	N	08/17/22	.97	
Remarks: PARKS DEPT. PHONES~									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	21	N	08/17/22	.58	
Remarks: PARKS DEPT. PHONES~									
01-10321-454 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	22	N	08/17/22	.33	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	23	N	08/17/22	.34	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	24	N	08/17/22	.97	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	25	N	08/17/22	25.91	
Remarks: PARKS DEPT. PHONES~									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	27	N	08/17/22	44.89	
Remarks: PARKS DEPT. PHONES~									
01-10321-454 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	28	N	08/17/22	22.81	
Remarks: PARKS DEPT. PHONES~									
01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	29	N	08/17/22	243.25	
Remarks: PARKS DEPT. PHONES~									
01-10321-454 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	30	N	08/17/22	123.57	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	31	N	08/17/22	140.39	
Remarks: PARKS DEPT. PHONES~									
01-10321-452 000000	TELEPHONE MONTHLY CHARGES	2022	151907143	80542	32	N	08/17/22	231.47	
Remarks: PARKS DEPT. PHONES~									
Totals for vendor 6524									838.95 *
Vendor number: 10783 COMCAST CABLE									
01-10450-430 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/17/22	118.35	
Remarks: Twp Office Fiber									
Totals for vendor 10783									118.35 *
Vendor number: 5571 CONCEPT SEATING INC									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	113763-1	0	0	N	08/17/22	25.25	
Remarks: Repair									

Totals for vendor 5571										25.25 *
Vendor number: 3261 CONROY'S CLEANING INC										
01-10450-409 000000	CONTRACTED SERVICES	2022	080822 TWP	83382	1	N	08/17/22	1,290.00		
Remarks: CLEANING SERVICE JULY 2022										
01-10450-451 000000	CONTRACTED SERVICES	2022	080822 CR	83374	1	N	08/17/22	550.00		
Remarks: CRESTMONT CLUBHOUSE CLEANING JULY										
01-10373-410 000000	BUILDING MAINTENANCE	2022	JULY 2022	83404	1	N	08/17/22	880.00		
Remarks: cleaning July 2022										
Totals for vendor 3261										2,720.00 *
Vendor number: 9949 COURIER TIMES, INC.										
01-11341-413 000000	ADVERTISING	2022	107436481	0	0	N	08/17/22	251.40		
Remarks: ZHB ad										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-11341-406 000000	ADVERTISING	2022	107436481	0	0	N	08/17/22	3,237.90	
Remarks: ZHB ad									
Totals for vendor 9949									3,489.30 *
Vendor number: 3137 DEL-VAL INTERNATIONAL TRUCKS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	4743, 4746	83414	1	N	08/15/22	1,256.89	
Remarks: HEATER / BELT									
Totals for vendor 3137									1,256.89 *
Vendor number: 12558 DIKUN PAUL									
01-12310-410 000000	PROFESSIONAL SERVICES	2022	07192022	83349	1	N	08/17/22	90.00	
Remarks: Police officer interview									
Totals for vendor 12558									90.00 *
Vendor number: 2074 DSI MEDICAL SERVICES, INC.									
01-12196-487 000000	MEDICAL BENEFITS	2022	13INV108361	0	0	N	08/17/22	1,093.18	
Remarks: Testing									
Totals for vendor 2074									1,093.18 *
Vendor number: 6452 DUFFY BROTHERS LLC E									
01-10450-409 000000	CONTRACTED SERVICES	2022	081122	80897	2	N	08/17/22	635.00	
Remarks: WINDOW CLEANING TWP BUILDING~									
Totals for vendor 6452									635.00 *
Vendor number: 9408 EAGLE POINT GUN SHOP									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	143689	83487	1	N	08/17/22	3,900.00	
Remarks: Invoice 143689 ammo purchase									
Totals for vendor 9408									3,900.00 *
Vendor number: 13821 ERKERT LISA									
01-11420-430 000000	DUES, SUBSCR. AND MEMBERSHIPS	2022	CONFERENCE	0	0	N	08/17/22	479.52	
Remarks: Lodging Prop Conference									
Totals for vendor 13821									479.52 *
Vendor number: 8830 FERGUSON ENTERPRISES LLC									
01-10373-409 000000	BUILDING MAINTENANCE	2022	8041546	83385	1	N	08/17/22	149.68	
Remarks: REPAIRS TO POLICE RESTROOM									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	8049094	83388	1	N	08/17/22	5.30	
Remarks: REPAIRS TO ACEC									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	8058203	83386	1	N	08/17/22	88.59	
Remarks: REPAIRS TO ACEC									
Totals for vendor 8830									243.57 *
Vendor number: 530 FOLEY CAT									

	01-10450-409 000000	CONTRACTED SERVICES	2022	29199	80531	1	N	08/17/22	3,599.55	
Remarks:	INSPECTION AGREEMENT~									
	Totals for vendor 530									3,599.55 *
	Vendor number: 512 GEPPERT INC. WILLIAM A									
	01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	20840	83390	1	N	08/17/22	47.97	
Remarks:	REPAIRS TO ACEC									
	01-10373-409 000000	BUILDING MAINTENANCE	2022	23585	83383	1	N	08/17/22	13.58	
Remarks:	CODE ENFORCEMENT RUG									
	01-10373-409 000000	BUILDING MAINTENANCE	2022	25505	83384	1	N	08/17/22	72.58	
Remarks:	REPAIRS TO IT OFFICE									
	Totals for vendor 512									134.13 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 1069 GLENSIDE LAWN & GARDEN, INC.									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	73553	83337	1	N	08/15/22	5.00	
Remarks: fuel line									
Totals for vendor 1069									5.00 *
Vendor number: 8079 GRECO CUSTOM CARPENTRY INC									
01-10450-413 000000	CONTRACTED SERVICES	2022	76	83329	1	N	08/17/22	75.00	
Remarks: 117 ZANE AVE-8/1/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	77	83329	2	N	08/17/22	55.00	
Remarks: 2806 TURNER AVE-8/1/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	78	83329	3	N	08/17/22	40.00	
Remarks: 1644 FAIRVIEW AVE-8/1/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	79	83329	4	N	08/17/22	55.00	
Remarks: 1619 GROVE AVE-8/1/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	80	83329	5	N	08/17/22	75.00	
Remarks: 1972 COOLIDGE AVE-8/1/22 FIRST CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	81	83329	6	N	08/17/22	110.00	
Remarks: 536 GIBSON AVE-8/1/22 FIRST GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	82	83329	7	N	08/17/22	75.00	
Remarks: 1851 MEADOWBROOK RD-8/8/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	83	83329	8	N	08/17/22	55.00	
Remarks: 2921 SENAK RD-8/8/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	84	83329	9	N	08/17/22	40.00	
Remarks: 1540 ARLINE AVE-8/8/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	85	83329	10	N	08/17/22	55.00	
Remarks: 2822 LINCOLN AVE-8/8/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	86	83329	11	N	08/17/22	55.00	
Remarks: 2911 ANZAC AVE-8/8/22 GRASS CUT									
01-10450-413 000000	CONTRACTED SERVICES	2022	87	83329	12	N	08/17/22	55.00	
Remarks: 1677 FAIRVIEW AVE-8/8/22 FIRST CUT									
Totals for vendor 8079									745.00 *
Vendor number: 3270 GROFF TRACTOR & EQUIP, INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/10	83366	1	N	08/15/22	2,967.58	
Remarks: hardware for vehicles									
Totals for vendor 3270									2,967.58 *
Vendor number: 851 HOME DEPOT CREDIT SERVICES									
01-10373-409 000000	BUILDING MAINTENANCE	2022	418705090830	0	0	N	08/17/22	395.44	
Remarks: REPAIRS TO POLICE HALLWAY									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	4187080822 0127	83342	1	N	08/17/22	105.79	
Remarks: SHOP SUPPLIES									
Totals for vendor 851									501.23 *
Vendor number: 10249 ITSAVVY LLC									
01-10260-407 000000	SMALL TOOLS AND MINOR EQUIP	2022	01365729	83169	1	N	08/17/22	14.25	
Remarks: display adapter									

Totals for vendor 10249 14.25 *

Vendor number: 3119 JOHN KENNEDY FORD JENKINTOWN

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/9	83364	1	N	08/17/22	860.66	

Remarks: sensors, thermostat, brakes

Totals for vendor 3119 860.66 *

Vendor number: 15489 JONES JORDAN

01-10460-410 000000	MEETINGS AND CONFERENCES	2022	SRO JULY 22	83319	1	N	08/17/22	657.48	

Remarks: SRO reimbursement

Totals for vendor 15489 657.48 *

Vendor number: 12818 LANSDALE CHRYSLER

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	505035	83394	1	N	08/17/22	383.72	
Remarks: OIL LEAK REPAIR PARTS									
Totals for vendor 12818									383.72 *
Vendor number: 3370 LESLIE'S POOLMART, INC.									
01-10221-452 000000	CHEMICALS	2022	00211-01-052973	83348	1	N	08/17/22	841.44	
Remarks: POOL CHEMICALS									
Totals for vendor 3370									841.44 *
Vendor number: 15798 LIZZI CUSTOM GRAPHICS LLC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	2215	83372	1	N	08/17/22	540.00	
Remarks: decals									
Totals for vendor 15798									540.00 *
Vendor number: 9985 MAD SCIENCE OF WEST NEW JERSEY									
01-10450-452 000000	CONTRACTED SERVICES	2022	140599	83344	1	N	08/17/22	616.00	
Remarks: CAMP PROGRAMS									
01-10450-452 000000	CONTRACTED SERVICES	2022	141591	83345	1	N	08/17/22	2,170.00	
Remarks: EURKEA CAMP									
Totals for vendor 9985									2,786.00 *
Vendor number: 15689 MATCO TOOLS									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	185467	83369	1	N	08/17/22	1,300.00	
Remarks: annual update for truck scanner									
Totals for vendor 15689									1,300.00 *
Vendor number: 8257 MCDONALD UNIFORMS									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	207888 MULT	83412	1	N	08/17/22	4,013.88	
Remarks: see attached list for invoice numbers									
Totals for vendor 8257									4,013.88 *
Vendor number: 4813 MOLLOY PATRICK									
01-10460-410 000000	MEETINGS AND CONFERENCES	2022	FBINAA TRNG 22	83420	1	N	08/17/22	311.30	
Remarks: reimbursement for FBINAA training									
Totals for vendor 4813									311.30 *
Vendor number: 8278 MSC INDUSTRIAL SUPPLY COMPANY									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	6205 - 6215	83023	1	N	08/17/22	661.13	
Totals for vendor 8278									661.13 *
Vendor number: 13565 MYEROV SUE									
01-11202-252 EACSUS	EAC SUSTAINABILITY PROJECTS	2022	8/12/2022	0	0	N	08/17/22	9.00	
Remarks: reimburse for candy for Night Out									

Totals for vendor 13565 9.00 *

Vendor number: 1034 NAPA AUTO PARTS

01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/9/22	83409	1	N	08/17/22	293.10	

Remarks: filters / hoses

Totals for vendor 1034 293.10 *

Vendor number: 4265 OFFICE BASICS, INC.

01-12210-410 000000	OFFICE SUPPLIES	2022	2097048	83278	1	N	08/17/22	899.80	

Remarks: Invoice I-2097048 paper

Totals for vendor 4265 899.80 *

Vendor number: 8537 OFFICE DEPOT

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-12210-451 000000	OFFICE SUPPLIES	2022	256353014001	83216	1	N	08/17/22	21.75	
Remarks: LABELS AND RECEPTACLE LINERS									
01-10227-452 000000	SANITATION SUPPLIES	2022	256353014001	83216	1	N	08/17/22	44.80	
Remarks: LABELS AND RECEPTACLE LINERS									
Totals for vendor 8537									66.55 *
Vendor number: 1061 PENNA ONE CALL SYSTEMS, INC.									
01-10450-408 000000	CONTRACTED SERVICES	2022	00000962317	0	0	N	08/17/22	326.70	
Remarks: Monthly call services									
Totals for vendor 1061									326.70 *
Vendor number: 5689 PLASTERER EQUIPMENT CO									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	34265	83392	1	N	08/17/22	224.56	
Remarks: BRAKE PADS									
Totals for vendor 5689									224.56 *
Vendor number: 4032 PREMIUM CLEANING SERVICE CORP									
01-10450-452 000000	CONTRACTED SERVICES	2022	512103	83178	1	N	08/12/22	540.00	
01-10450-452 000000	CONTRACTED SERVICES	2022	512183	83179	1	N	08/12/22	540.00	
Totals for vendor 4032									1,080.00 *
Vendor number: 1309 REIT LUBRICANTS CO.									
01-10231-437 000000	VEHICLE FUEL-GASOLINE	2022	8245	83407	1	N	08/17/22	1,059.00	
Remarks: oil dry									
Totals for vendor 1309									1,059.00 *
Vendor number: 4607 SHAPIRO FIRE PROTECTION CO									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	17883	83396	1	N	08/17/22	176.16	
Remarks: EXTINGUISHER MAINTENANCE									
Totals for vendor 4607									176.16 *
Vendor number: 100188 SHERRIE SINGLETON									
01-12110-367 000000	SWIMMING POOL FEES	2022	REIMBURSEMENT	0	0	N	08/17/22	72.00	
Remarks: Reimbursement for guest fee									
Totals for vendor 100188									72.00 *
Vendor number: 1882 SHERWIN WILLIAMS CO.									
01-10373-409 000000	BUILDING MAINTENANCE	2022	8479-5	83379	1	N	08/17/22	293.67	
Remarks: POLICE SALEY PORT									
Totals for vendor 1882									293.67 *
Vendor number: 8628 STAPLES									
01-12210-430 000000	OFFICE SUPPLIES	2022	0093	83183	1	N	08/17/22	60.76	
Remarks: OFFICE SUPPLIES									

01-12210-451 000000	OFFICE SUPPLIES	2022	3514700096	83138	1	N	08/17/22	134.97	
Remarks: MASKS AND CHAIR MAT									
01-12210-451 000000	OFFICE SUPPLIES	2022	3514700097	83215	1	N	08/17/22	76.12	
Remarks: CUPS, MOUNTING SQUARES, NOTEBOOKS, STAPLES, PAPER, LABEL TAP									
01-12210-451 000000	OFFICE SUPPLIES	2022	3514700099	83215	1	N	08/17/22	47.72	
Remarks: CUPS, MOUNTING SQUARES, NOTEBOOKS, STAPLES, PAPER, LABEL TAP									
01-12210-451 000000	OFFICE SUPPLIES	2022	8067051011	83138	1	N	08/17/22	40.65	
Remarks: CHAIR MAT									
Totals for vendor 8628									360.22 *
Vendor number: 15540 THE HOME DEPOT PRO									
01-10227-409 000000	SANITATION SUPPLIES	2022	698606423	83380	1	N	08/17/22	1,095.55	
Remarks: JANITORIAL SUPPLIES TWP BLDG									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10227-452 000000	SANITATION SUPPLIES	2022	698606451	83389	1	N	08/17/22	669.21	
Remarks: JANITORIAL SUPPLIES ACEC									
Totals for vendor 15540									1,764.76 *
Vendor number: 15153 TIREHUB, LLC									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/9/22	83387	1	N	08/17/22	814.26	
Remarks: TIRES									
Totals for vendor 15153									814.26 *
Vendor number: 100160 TRISTRUX, LLC									
01-12410-362 000000	BUILDING PERMITS	2022	155615155620	0	0	N	08/17/22	135.00	
Remarks: 1648 HUNTINGDON PK-PERMIT REFUNDS									
Totals for vendor 100160									135.00 *
Vendor number: 14369 ULINE INC									
01-10373-452 000000	BUILDING MAINTENANCE	2022	152181942	83207	1	N	08/17/22	343.21	
Remarks: SANITARY NAPKIN RECEPTACLES									
Totals for vendor 14369									343.21 *
Vendor number: 1028 VAN'S LOCK SHOP, INC									
01-10450-410 000000	CONTRACTED SERVICES	2022	128734	0	0	N	08/17/22	280.89	
Remarks: duplicates of keys made									
Totals for vendor 1028									280.89 *
Vendor number: 4072 VERIZON									
01-10321-406 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST	0	0	N	08/17/22	70.11	
Remarks: Verizon conduit line									
Totals for vendor 4072									70.11 *
Vendor number: 7500 VILE SUSAN ELIZABETH									
01-10450-410 000000	CONTRACTED SERVICES	2022	AUGUST 9 2022	0	0	N	08/17/22	281.25	
Remarks: Strategic Planning Meeting									
Totals for vendor 7500									281.25 *
Vendor number: 100186 WORTHINGTON WATERPROOFING									
01-12410-362 000000	BUILDING PERMITS	2022	PRL22-218	0	0	N	08/17/22	479.50	
Remarks: 945 MAPLE AVE-PERMIT REFUND									
Totals for vendor 100186									479.50 *
Totals for fund 1									79,098.39 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 2 Sewer Fund									
Vendor number: 7884 AIRGAS USA, LLC									
02-10450-429 000000	CONTRACTED SERVICES	2022	9989968993	83354	1	N	08/17/22	82.00	
Remarks: WELDING GAS BOTTLE RENTALS									
Totals for vendor 7884									82.00 *
Vendor number: 14583 BATTERIES PLUS BULBS									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	P48684142-1	0	0	N	08/17/22	210.78	
Remarks: Batteries									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	P53756487	83360	1	N	08/17/22	54.36	
Remarks: 6 VOLT BATTERIES FOR METERS									
Totals for vendor 14583									265.14 *
Vendor number: 14688 CARDMEMBER SERVICE									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	208.77	
Remarks: Township Chages									
Totals for vendor 14688									208.77 *
Vendor number: 12200 COLONIAL ELECTRIC SUPPLY CO									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	14750976	83350	1	N	08/17/22	121.19	
Remarks: STRANDED COPPER WIRE									
Totals for vendor 12200									121.19 *
Vendor number: 1100 EUREKA STONE QUARRY, INC.									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	495405	83357	1	N	08/11/22	189.63	
Remarks: 2A MODIFIED STONE AND SCREENINGS									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	495789	83356	1	N	08/17/22	1,183.19	
Remarks: 2A MODIFIED STONE AND SCREENINGS									
Totals for vendor 1100									1,372.82 *
Vendor number: 5471 FULL MOON TECHNOLOGY LLC									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	220513W223-1	81825	1	N	08/17/22	616.45	
Remarks: REPLACEMENT PRE-FILTERS FOR TURBLEX AIR BLOWERS									
Totals for vendor 5471									616.45 *
Vendor number: 602 HAJOCA CORP.									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	S029657807.001	83300	1	N	08/17/22	399.60	
Remarks: 8" DIAMETER REPAIR CLAMP									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	S029669293.001	83301	1	N	08/17/22	246.00	
Remarks: 4" DIAMETER REPAIR CLAMP									
Totals for vendor 602									645.60 *
Vendor number: 851 HOME DEPOT CREDIT SERVICES									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	41870009757931	83359	1	N	08/17/22	84.97	

Remarks: [illegible]KET TOOLS

Totals for vendor 851 84[illegible] *

Vendor number: 10249 ITSAVVY LLC

02-10740-429 000000	MACHINERY	2022	01365399	83133	1	N	08/17/22	1,280.82

Remarks: APPLE IPAD NOTEBOOK COMPUTER

Totals for vendor 10249 1,280.82 *

Vendor number: 12833 JNA MATERIALS, LLC

02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	19899	83368	1	N	08/17/22	1,435.50

Remarks: COLD PATCHROAD BACKTOP FILLER

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 12833									1,435.50 *
Vendor number: 12868 KELLER, INC. CHARLES G.									
02-10450-429 000000	CONTRACTED SERVICES	2022	467-22	83305	1	N	08/17/22	1,400.00	
Remarks: EMERGENCY GENERATOR RENTAL AT BRYANT LANE PUMP STATION									
Totals for vendor 12868									1,400.00 *
Vendor number: 1034 NAPA AUTO PARTS									
02-10374-429 000000	MACHINERY AND EQUIPMENT MAINT.	2022	4607-696536	83353	1	N	08/17/22	56.28	
Remarks: ENGINE OIL									
Totals for vendor 1034									56.28 *
Vendor number: 13469 PA DEP COMMONWEALTH OF PA									
02-11420-429 000000	DUES, SUBSCR. AND MEMBERSHIPS	2022	1255116	83370	1	N	08/17/22	150.00	
Remarks: OPERATOR CERTIFICATION ANNUAL FEES									
02-10450-429 000000	CONTRACTED SERVICES	2022	1255207	83419	1	N	08/17/22	65.00	
Remarks: OPERATOR CERTIFICATION ANNUAL FEES									
Totals for vendor 13469									215.00 *
Vendor number: 277 PENDERGAST SAFETY EQUIP. CO.									
02-10242-429 000000	PROT TO PERSONS/PROPERTY SUPPL	2022	314242 0	0	0	N	08/17/22	614.00	
Remarks: full rebuild kit									
Totals for vendor 277									614.00 *
Vendor number: 8842 POLYDYNE INC.									
02-10221-429 000000	CHEMICALS	2022	1661412	83297	1	N	08/17/22	5,351.06	
Remarks: CLAIFLOC MA-17 POLYMER									
Totals for vendor 8842									5,351.06 *
Vendor number: 11996 USALCO									
02-10221-429 000000	CHEMICALS	2022	20236934	83136	1	N	08/03/22	12,123.01	
Remarks: DELPAC 1525 CHEMICAL ADDITIVE FOP PHOSPHORUS REMOVAL									
Totals for vendor 11996									12,123.01 *
Vendor number: 112 VERIZON									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	JULY-20-2022	83352	1	N	08/17/22	81.19	
Remarks: TELEPHONE SERVICE									
02-10321-429 000000	TELEPHONE MONTHLY CHARGES	2022	JULY-20-2022-1	83351	1	N	08/17/22	41.18	
Remarks: TELEPHONE SERVICE									
Totals for vendor 112									122.37 *
Totals for fund 2									25,994.98 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 3 Fire Services Fund									
Vendor number: 9143 ABINGTON FIRE COMPANY									
03-10374-411 000000	411	2022	PM - 07/2022	83426	1	N	08/17/22	4,023.24	
Remarks: Preventive Maintenance - July 2022									
Totals for vendor 9143									4,023.24 *
Vendor number: 14688 CARDMEMBER SERVICE									
03-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	127.21	
Remarks: Township Chages									
03-10321-411 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	124.39	
Remarks: Township Chages									
Totals for vendor 14688									251.60 *
Vendor number: 2074 DSI MEDICAL SERVICES, INC.									
03-10450-411 000000	CONTRACTED SERVICES	2022	13INV108361	0	0	N	08/17/22	91.44	
Remarks: Testing									
Totals for vendor 2074									91.44 *
Vendor number: 9146 EDGE HILL FIRE COMPANY									
03-10374-411 000000	411	2022	PM - 07/2022	83431	1	N	08/17/22	2,629.30	
Remarks: Preventive Maintenance - July 2022									
Totals for vendor 9146									2,629.30 *
Vendor number: 9850 FIREMAN'S ASSOCIATION, INC. LA									
03-10450-411 000000	CONTRACTED SERVICES	2022	44657	83471	1	N	08/17/22	2,638.61	
Remarks: 30 Essentials of Firefighting 7th ed and HazMat Awarenesss									
Totals for vendor 9850									2,638.61 *
Vendor number: 920 KIRKLAND PRINTING, INC									
03-10450-411 000000	CONTRACTED SERVICES	2022	49307	83473	1	N	08/17/22	557.00	
Remarks: 35 black and white, 35 color, 35 two sided copies.									
Totals for vendor 920									557.00 *
Vendor number: 9144 MC KINLEY FIRE COMPANY									
03-10374-411 000000	411	2022	PM - 07/2022	83429	1	N	08/17/22	2,835.15	
Remarks: Preventive Maintenance - July 2022									
Totals for vendor 9144									2,835.15 *
Vendor number: 8257 MCDONALD UNIFORMS									
03-10238-411 000000	CLOTHING AND UNIFORMS	2022	209246	82985	1	N	08/17/22	505.44	
Remarks: Uniforms for Barnett, Dylan.									
Totals for vendor 8257									505.44 *

Vendor number: 9147 ROSLYN FIRE COMPANY										
03-10374-411 000000	411		2022	PM - 07/2022	83432	1	N	08/17/22	10,255.38	
Remarks: Preventive Maintenance - July 2022										
Totals for vendor 9147										10,255.38 *
Vendor number: 14496 VERIZON										
03-10263-411 000000	COMPUTER EQUIPMENT/PARTS		2022	07/2022	83375	1	N	08/10/22	149.98	
Remarks: ATFD Fios Internet and Router										
Totals for vendor 14496										149.98 *
Vendor number: 9145 WELDON FIRE COMPANY										
03-10374-411 000000	411		2022	PM - 07/2022	83430	1	N	08/17/22	2,420.38	
Remarks: Preventive Maintenance - July 2022										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 9145									2,420.38 *
Vendor number: 14393 WELDON FIRE COMPANY									
03-10351-411 000000	PROPERTY& LIABILITY INSURANCE	2022	INS - 07/2022	83331	1	N	08/17/22	7,363.00	
Remarks: Preventive Maintenance - July 2022									
Totals for vendor 14393									7,363.00 *
Vendor number: 11732 WITMER PUBLIC SAFETY GROUP INC									
03-10450-411 000000	CONTRACTED SERVICES	2022	INV77190	83474	1	N	08/17/22	972.74	
Remarks: Annual Compressor Service Preventive maintenance Ingersol.									
Totals for vendor 11732									972.74 *
Totals for fund 3									34,693.26 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 4 Grant and Special ProjectsFund									
Vendor number: 9042 ALL TRAFFIC SOLUTIONS									
04-10260-430-GA2001	SMALL TOOLS AND MINOR EQUIP	2022	SIN033722	83046	1	N	08/17/22	5,021.00	
Remarks: additional speed sign									
Totals for vendor 9042									5,021.00 *
Vendor number: 707 BILLOWS ELECTRIC SUPPLY INC									
04-10740-429-AR2134	MACHINERY	2022	568676 5689875	0	0	N	03/30/22	822.33	
Remarks: Ground wire									
04-10740-429-AR2134	MACHINERY	2022	5868600-00	83361	1	N	08/17/22	41.03	
Remarks: 240 VOLT 3 POLE BREAKER									
Totals for vendor 707									863.36 *
Vendor number: 10224 COMMUNICATION SOLUTIONS									
04-12310-411-GF1701	PROFESSIONAL SERVICES	2022	1636	83477	1	N	08/17/22	1,600.00	
Remarks: Fees for boosted click through social media recruitment									
04-12310-411-GF1701	PROFESSIONAL SERVICES	2022	1637	83476	1	N	08/17/22	1,999.51	
Remarks: Design, editing and posting of new recruitment videos.									
Totals for vendor 10224									3,599.51 *
Vendor number: 100052 Humpty Dumplings									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	000033	82240	1	N	08/17/22	450.00	
Remarks: remaining balance for food truck event									
Totals for vendor 100052									450.00 *
Vendor number: 1190 J.D.M. MATERIALS CO.									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	497720	83332	1	N	08/17/22	3,132.00	
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	497729	83334	1	N	08/17/22	1,272.00	
Totals for vendor 1190									4,404.00 *
Vendor number: 100062 Jules Thin Crust									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	000192	83201	1	N	08/17/22	935.00	
Remarks: remaining balance for food truck event									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	000192	0	0	N	08/17/22	15.00	
Remarks: remaining balance for food truck event									
Totals for vendor 100062									950.00 *
Vendor number: 16812 KENDALL ELECTRIC INC									
04-10720-429-AR2123	IMPROV. OTHER THAN BUILDINGS	2022	S111930102.001	83363	1	N	08/17/22	37.50	
Remarks: BALL BEARINGS									
Totals for vendor 16812									37.50 *
Vendor number: 1200 McMAHON ASSOCIATES, INC.									
04-10450-430-GH1701	CONTRACTED SERVICES	2022	184234	83417	1	N	08/17/22	3,364.70	

04-10450-430-GH1701	CONTRACTED SERVICES	2022	185494	83416	1	N	08/17/22	1,200.00	
04-10450-430-GH1701	CONTRACTED SERVICES	2022	185716	83415	1	N	08/17/22	2,060.10	
Totals for vendor 1200									6,624.80 *
Vendor number: 100189 The Hitchman									
04-10740-429-AR2132	MACHINERY	2022	125563-A	83324	1	N	08/17/22	9,709.00	
Remarks: CARGO TRAILER									
Totals for vendor 100189									9,709.00 *
Vendor number: 100118 West Avenue Grille									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	01-1	83203	1	N	08/17/22	2,498.54	
Remarks: remaining balance for food truck event									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 100118									2,498.54 *
Vendor number: 11940 XYLEM WATERING SOLUTIONS, INC.									
04-10740-429-AR2134	MACHINERY	2022	401183334	83298	1	N	08/17/22	7,624.24	
Remarks: MONTHLY RENTALOF BACKUP ELECTRIC PUMP AT RYDAL PUMP STATION									
04-10740-429-AR2134	MACHINERY	2022	401184352	83299	1	N	08/17/22	2,871.90	
Remarks: MONTHLY RENTAL OF VALVES & HOSING FOR PUMP									
Totals for vendor 11940									10,496.14 *
Totals for fund 4									44,653.85 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 9 Refuse Fund									
Vendor number: 5816 AQUA PENNSYLVANIA									
09-10366-427-000000	WATER SERVICE	2022	0128423 81822	83187	1	N	08/17/22	255.11	
Remarks: 3010 Jefferson Ave water service									
Totals for vendor 5816									255.11 *
Vendor number: 14688 CARDMEMBER SERVICE									
09-10321-427-000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/17/22	166.58	
Remarks: Township Chages									
Totals for vendor 14688									166.58 *
Vendor number: 2074 DSI MEDICAL SERVICES, INC.									
09-12196-427-000000	MEDICAL BENEFITS	2022	13INV108361	0	0	N	08/17/22	112.26	
Remarks: Testing									
Totals for vendor 2074									112.26 *
Vendor number: 12369 MAC HYDRAULICS									
09-10374-427-000000	MACHINERY AND EQUIPMENT MAINT.	2022	45681	83485	1	N	08/17/22	2,042.18	
Remarks: Cylinder Repair - Inv45681									
Totals for vendor 12369									2,042.18 *
Totals for fund 9									2,576.13 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 12 Clearing Fund									
Vendor number: 100187 AQ PROPERTIES, LLC									
12-12202-252-000000	STATE MANDATED PERMIT FEE	2022	PRAC22-43	0	0	N	08/17/22	4.50	
Remarks: 1912 JENKINTOWN RD-PERMIT REFUND									
Totals for vendor 100187									4.50 *
Vendor number: 14688 CARDMEMBER SERVICE									
12-12202-252-000000	STATE MANDATED PERMIT FEE	2022	AUGUST 2022	0	0	N	08/17/22	2,488.50	
Remarks: Township Chages									
Totals for vendor 14688									2,488.50 *
Vendor number: 100160 TRISTRUX, LLC									
12-12202-252-000000	STATE MANDATED PERMIT FEE	2022	155615155620	0	0	N	08/17/22	4.50	
Remarks: 1648 HUNTINGDON PK-PERMIT REFUNDS									
Totals for vendor 100160									4.50 *
Totals for fund 12									2,497.50 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 18 Capital Projects Fund									
Vendor number: 14688 CARDMEMBER SERVICE									
18-10660-430-220035	PROFESSIONAL FEES	2022	AUGUST 2022	0	0	N	08/17/22	100.00	
Remarks: Township Chages									
Totals for vendor 14688									100.00 *
Vendor number: 1100 EUREKA STONE QUARRY, INC.									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	6/10,6/15,7/13	82992	1	N	08/17/22	95,143.76	
Remarks: aqua paving, woodland, cloverly, fawn									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	7/22 - 7/28	83291	1	N	08/17/22	107,045.00	
Remarks: AQUA PAVING 7/22 - 7/28									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	7/22 - 7/28	0	0	N	08/17/22	.24	
Remarks: AQUA PAVING 7/22 - 7/28									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	7/22 - 7/28	0	0	N	08/17/22	899.18	
Remarks: AQUA PAVING 7/22 - 7/28									
Totals for vendor 1100									203,088.18 *
Vendor number: 5517 GLASGOW, INC.									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	7/11 - 7/12	83287	1	N	08/17/22	6,996.62	
Remarks: PAVING PENNMORE / VARIOU									
Totals for vendor 5517									6,996.62 *
Vendor number: 1190 J.D.M. MATERIALS CO.									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	30192	83177	1	N	08/17/22	75,206.10	
Remarks: ROADWAY MILLING									
Totals for vendor 1190									75,206.10 *
Vendor number: 9136 MASON CO., INC. W.B.									
18-10730-409-220003	BUILDINGS CAPITAL	2022	231641149	83064	1	N	08/17/22	1,400.00	
Remarks: 5 file cabinets for Finance Office									
Totals for vendor 9136									1,400.00 *
Vendor number: 1200 McMAHON ASSOCIATES, INC.									
18-10660-430-220035	PROFESSIONAL FEES	2022	185225	0	0	N	08/17/22	1,250.00	
Remarks: Invoice #185225 2022 DCED MTF Application AJC Phase 5									
18-10660-430-220035	PROFESSIONAL FEES	2022	185493	0	0	N	08/17/22	170.00	
Remarks: Extension Request for Montco CTP Grant									
18-10660-430-220035	PROFESSIONAL FEES	2022	185639	0	0	N	08/17/22	737.50	
Remarks: 2022 DCED MTF Application AJC Phase 5									
18-10720-430-220026	IMPROV. OTHER THAN BUILDINGS	2022	185710	83425	1	N	08/17/22	5,340.00	
18-10660-430-220035	PROFESSIONAL FEES	2022	186513	0	0	N	08/17/22	170.00	
Remarks: Extension Request for ARLE Grant									
18-10660-430-220035	PROFESSIONAL FEES	2022	186573	0	0	N	08/17/22	2,337.50	
Remarks: 2022 DCED MTF Application AJC Phase 5									
Totals for vendor 1200									10,005.00 *

Vendor number: 981 ROSLYN SUPPLY-GULFEAGLE 103									
18-10730-452-220046	BUILDINGS CAPITAL	2022	S000389037.001	83391	1	N	08/17/22	371.00	
Remarks: ACEC WINDOWS									
Totals for vendor 981									371.00 *
Vendor number: 10627 TRAFFIC PLANNING & DESIGN INC									
18-10720-408-220023	IMPROV. OTHER THAN BUILDINGS	2022	TPD31010	83421	1	N	08/17/22	9,606.25	
Totals for vendor 10627									9,606.25 *
Totals for fund 18									306,773.15 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 23 Debt Service Fund									
Vendor number: 16574 DE LAGE LANDEN									
23-36100-471 000000	BOND/NOTE DEBT PRINCIPAL	2022	77228705	0	0	N	08/17/22	149.00	
Remarks: copier lease									
Totals for vendor 16574									149.00 *
Vendor number: 15731 LEAF									
23-10384-471 000000	RENT OF MACHINERY/EQUIPMENT	2022	AUGUST 2022	0	0	N	08/17/22	133.00	
Remarks: copier lease									
Totals for vendor 15731									133.00 *
Vendor number: 16575 LEAF									
23-10384-471 000000	RENT OF MACHINERY/EQUIPMENT	2022	AUGUST 2022	0	0	N	08/17/22	136.00	
Remarks: Copier lease									
Totals for vendor 16575									136.00 *
Vendor number: 16748 LEAF									
23-10384-471 000000	RENT OF MACHINERY/EQUIPMENT	2022	AUGUST 2022	0	0	N	08/17/22	105.00	
Remarks: Copier lease									
Totals for vendor 16748									105.00 *
Vendor number: 100150 Leaf									
23-10384-471 000000	RENT OF MACHINERY/EQUIPMENT	2022	AUGUST 2022	0	0	N	08/17/22	119.00	
Remarks: Lease copier									
Totals for vendor 100150									119.00 *
Totals for fund 23									642.00 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 35 Highway Aid Fund									
Vendor number: 13218 MORTON SALT, INC.									
35-10245-432-000000	HIGHWAY SUPPLIES	2022	5402473590	80378	1	N	08/17/22	55,838.19	
Remarks: 5402473590,6314,8082,9706;81417									
35-10245-432-000000	HIGHWAY SUPPLIES	2022	5402505798	83504	1	N	08/17/22	51,846.02	
Remarks: 5402505798,5799,7901,12732,16353,17866,18526,19411									
Totals for vendor 13218									107,684.21 *
Totals for fund 35									107,684.21 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 70 OPEB Fund									
Vendor number: 2776 ARCHIE JOHN									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	AUG 2022	0	0	N	08/17/22	180.62	
Remarks: Retiree reimbursement									
Totals for vendor 2776									180.62 *
Vendor number: 9635 BARNDT LINDA									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	JAN JUNE 2022	0	0	N	08/17/22	541.86	
Remarks: MEDICARE REIMBURSEMENT									
Totals for vendor 9635									541.86 *
Vendor number: 14425 FRANKFORD CECILIA									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	AUGUST 2022	0	0	N	08/17/22	180.62	
Remarks: MEDICARE REIMBURSEMENT									
Totals for vendor 14425									180.62 *
Vendor number: 6989 MATTEO LARRY									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	JULY 2022	0	0	N	08/17/22	180.62	
Remarks: MEDICARE REIMBURSEMENT									
Totals for vendor 6989									180.62 *
Vendor number: 10456 MEGELSH GEORGE									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	JULY 2022	0	0	N	08/17/22	308.00	
Remarks: MEDICARE REIMBURSEMENT									
Totals for vendor 10456									308.00 *
Vendor number: 15196 MURPHY JACK									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	AUGUST 2022	0	0	N	08/17/22	180.62	
Remarks: MEDICARE REIMBURSEMENT									
Totals for vendor 15196									180.62 *
Vendor number: 929 STAHL ROBERT									
70-11196-488-000000	OUT OF AREA MEDICAL REIMB.	2022	JULY AUGUST 202	0	0	N	08/17/22	361.24	
Remarks: MEDICARE REIMBURSEMENT									
Totals for vendor 929									361.24 *
Totals for fund 70									1,933.58 **
Grand totals									606,547.05 ***

*** End of Report ***

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
Checks for Cash Account: 99-10090-000 000000						
76016	157	CHELTENHAM TOWNSHIP	82,388.00	08/18/22		
76017	1160	PROTHONOTARY THE	31.00	08/18/22		
76018	1560	PROTHONOTARY THE	31.00	08/18/22		
76019	1569	PROTHONOTARY THE	31.00	08/18/22		
76020	11564	PROTHONOTARY THE	31.00	08/18/22		
76021	11565	PROTHONOTARY THE	31.00	08/18/22		
Check totals:			82,543.00			
ACH totals:						
EFTPS totals:						
Wire transfer totals:						
Payment Manager totals:						
GRAND TOTALS			82,543.00			
Check totals:			82,543.00			
ACH totals:						
EFTPS totals:						
Wire transfer totals:						
Payment Manager totals:						
GRAND TOTALS			82,543.00			

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 1 General Fund									
Vendor number: 1160 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08/11/2022	0	0	N	08/18/22	31.00	
Remarks: Lien Filing									
Totals for vendor 1160									31.00 *
Vendor number: 1560 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	081182022	0	0	N	08/18/22	31.00	
Remarks: Lien Filing									
Totals for vendor 1560									31.00 *
Vendor number: 1569 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	0811/2022	0	0	N	08/18/22	31.00	
Remarks: Lien Filing									
Totals for vendor 1569									31.00 *
Vendor number: 11564 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08112022	0	0	N	08/18/22	31.00	
Remarks: Lien Filing									
Totals for vendor 11564									31.00 *
Vendor number: 11565 PROTHONOTARY THE									
01-10317-404 000000	LEGAL-OTHER	2022	08112022	0	0	N	08/18/22	31.00	
Remarks: Lien Filing									
Totals for vendor 11565									31.00 *
Totals for fund 1									155.00 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 19 Sewer Capital Fund									
Vendor number: 157 CHELTENHAM TOWNSHIP									
19-10720-429-220062	IMPROV. OTHER THAN BUILDINGS	2022	AUGUST 17/2022	0	0	N	08/18/22	82,388.00	
Remarks: Interceptor A									
Totals for vendor 157									82,388.00 *
Totals for fund 19									82,388.00 **
Grand totals									82,543.00 ***

*** End of Report ***

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
Checks for Cash Account: 99-10090-000 000000						
76022	100190	AMERICAN RED CROSS	410.00	08/25/22		
76023	100073	ANALYTICAL LABORATORIES, INC	125.00	08/25/22		
76024	100179	Cordico Inc	10,000.00	08/25/22		ACH
76025	100016	Donna Myers	170.10	08/25/22		ACH
76026	100069	Nick's Roast Beef - Food Truck	1,000.28	08/25/22		
76027	100138	PREMIER BUILDERS INC	28,237.50	08/25/22		
76028	100184	The Tot Rod	750.00	08/25/22		
76029	1306	ABINGTON TWP PUBLIC LIBRARY	6,993.48	08/25/22		
76030	2961	ACKER'S HARDWARE, INC.	100.32	08/25/22		
76031	16691	ADVANCED WELDING FABRICATING S	1,975.00	08/25/22		
76032	14462	Aileen Kelly	148.50	08/25/22		ACH
76033	12572	AIRGAS USA, LLC	211.54	08/25/22		ACH
76034	8319	Allen Boerner	170.10	08/25/22		ACH
76035	16063	ALLIED HYDRAULIC SERVICE	1,297.76	08/25/22		
76036	12309	ALLIED LANDSCAPE SUPPLY	568.52	08/25/22		
76037	15969	AMAZON	560.96	08/25/22		
76038	16294	Ann Whitney	144.60	08/25/22		ACH
76039	9840	Anthony Ciliberto	146.10	08/25/22		ACH
76040	1941	Anthony Cristaldi	170.10	08/25/22		ACH
76041	11893	ANDERSON WELDING	128.00	08/25/22		
76042	15971	APS	3,900.00	08/25/22		
76043	5812	AQUA PENNSYLVANIA	8.51	08/25/22		
76044	5813	AQUA PENNSYLVANIA	206.31	08/25/22		
76045	5836	AQUA PENNSYLVANIA	243.40	08/25/22		
76046	5837	AQUA PENNSYLVANIA	41.50	08/25/22		
76047	5843	AQUA PENNSYLVANIA	137.80	08/25/22		
76048	5845	AQUA PENNSYLVANIA	78.56	08/25/22		
76049	5846	AQUA PENNSYLVANIA	21.02	08/25/22		
76050	10094	AQUA PENNSYLVANIA	61.26	08/25/22		
76051	15814	AQUA PENNSYLVANIA	5.19	08/25/22		
76052	10093	ARDMORE TIRE COMPANY	2,479.75	08/25/22		
76053	15107	ATLANTIS GLOBAL LLC	461.00	08/25/22		
76054	16298	ATS SPRING	915.00	08/25/22		
76055	15619	AUTOMATIONDIRECT.COM, INC.	102.25	08/25/22		
76056	12622	Barbara Clark	170.10	08/25/22		ACH
76057	13451	BERBEN INSIGNIA COMPANY	82.00	08/25/22		
76058	825	BERGEY'S INC.	1,480.60	08/25/22		
76059	707	BILLOWS ELECTRIC SUPPLY INC	2,082.60	08/25/22		
76060	8345	BLUMENTHAL JAY W	1,000.00	08/25/22		ACH
76061	13182	BOSTON MUTUAL LIFE INSURANCE	14,132.87	08/25/22		
76062	9673	Bruce Dean	170.10	08/25/22		ACH
76063	1596	Bruce Haslam	442.30	08/25/22		ACH
76064	16295	Bruce Mouat	170.10	08/25/22		
76065	12954	BUCKMAN'S INC.	2,919.30	08/25/22		
76066	11932	Carol Ridge	148.50	08/25/22		ACH

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
76067	3941	Charles Clark	170.10	08/25/22		ACH
76068	15324	Cheryl McNamara	170.10	08/25/22		ACH
76069	14798	Christine McCreary	170.10	08/25/22		ACH
76070	11673	CHEMUNG SUPPLY CORP	3,890.00	08/25/22		
76071	12951	CLARKE, LLC RUDOLPH	Void - Overflow	08/25/22		ACH
76072	12951	CLARKE, LLC RUDOLPH	14,911.00	08/25/22		ACH
76073	14272	COHEN LAW GROUP	4,354.00	08/25/22		
76074	16718	COLONIAL OIL INDUSTRIES, INC.	18,713.50	08/25/22		
76075	13415	COMCAST	54.85	08/25/22		
76076	5441	COMCAST CABLE	26.91	08/25/22		
76077	5860	COMCAST CABLE	214.87	08/25/22		
76078	5894	COMCAST CABLE	214.87	08/25/22		
76079	9245	COMCAST CABLE	98.40	08/25/22		
76080	9216	CONTRACTORS HAULING SERVICE	325.50	08/25/22		
76081	1030	David Tomlinson	170.10	08/25/22		ACH
76082	15405	DE LAGE LANDEN FINANCIAL	143.00	08/25/22		ACH
76083	9177	DEX MEDIA	22.50	08/25/22		
76084	15294	Donna Kelly	170.10	08/25/22		ACH
76085	1096	EAGLE POWER & EQUIP CORP	745.56	08/25/22		
76086	6567	EAST JORDAN IRON WORKS INC	6,726.00	08/25/22		
76087	15711	EDGE HILL FIRE COMPANY	3,600.00	08/25/22		ACH
76088	15653	Elizabeth Clark	170.10	08/25/22		ACH
76089	693	ELYSE/BERBEN INSIGNIA	25.00	08/25/22		
76090	1100	EUREKA STONE QUARRY, INC.	1,920.75	08/25/22		
76091	13114	FASTENAL COMPANY	1,021.11	08/25/22		
76092	419	FEDERAL EXPRESS	112.30	08/25/22		
76093	8830	FERGUSON ENTERPRISES LLC	170.76	08/25/22		
76094	8286	FLAGHOUSE	203.00	08/25/22		
76095	14463	FUN EXPRESS, LLC.	156.38	08/25/22		
76096	1102	GARDEN STATE HWY PRODUCTS, INC	1,077.43	08/25/22		ACH
76097	12174	Georgianna Rice	170.10	08/25/22		ACH
76098	6154	Gerald Kelly	170.10	08/25/22		ACH
76099	512	GEPPERT INC. WILLIAM A	202.75	08/25/22		
76100	3953	Glenn Davis	170.10	08/25/22		ACH
76101	5517	GLASGOW, INC.	1,972.98	08/25/22		ACH
76102	15506	GRAINGER	48.88	08/25/22		
76103	1110	GRAINGER, INC.	171.64	08/25/22		
76104	470	HILLYARD - DELAWARE VALLEY INC	230.46	08/25/22		
76105	851	HOME DEPOT CREDIT SERVICES	784.76	08/25/22		
76106	7188	ICC MEMBERSHIP SERVICES	265.00	08/25/22		
76107	3417	IF IT'S WATER, INC.	2,120.00	08/25/22		ACH
76108	10824	INTERSTATE BATTERY SYSTEM	789.80	08/25/22		
76109	1190	J.D.M. MATERIALS CO.	3,105.00	08/25/22		
76110	16411	James Leary	148.50	08/25/22		
76111	15293	Jmaes Hurtado	148.50	08/25/22		ACH
76112	14460	Joann Mann	170.10	08/25/22		ACH

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
76113	2776	John Archie	177.30	08/25/22		ACH
76114	12984	John Creedan	170.10	08/25/22		ACH
76115	14871	John Livingood	170.10	08/25/22		ACH
76116	1805	John Parks	170.10	08/25/22		ACH
76117	5785	John Thompson	144.60	08/25/22		ACH
76118	1618	Joseph Conover	202.00	08/25/22		ACH
76119	8918	Joseph Quinn	170.10	08/25/22		ACH
76120	3119	JOHN KENNEDY FORD JENKINTOWN	209.13	08/25/22		
76121	16876	Kathleen Tomlinson	170.10	08/25/22		ACH
76122	9404	Kathryn Lamphere	170.10	08/25/22		ACH
76123	14873	Kenneth Clark	170.10	08/25/22		ACH
76124	943	Kenneth Stein	121.80	08/25/22		ACH
76125	5904	Kevin McCreary	170.10	08/25/22		ACH
76126	13527	KOHN A J	4,300.00	08/25/22		
76127	8797	KOLLAR KATIE	1,137.70	08/25/22		ACH
76128	2273	Louis Clewell	148.50	08/25/22		ACH
76129	5516	LOWE'S BUSINESS ACCOUNT	385.45	08/25/22		
76130	14489	Madeline Milletti	170.10	08/25/22		ACH
76131	14248	Margaet Creedan	170.10	08/25/22		ACH
76132	10406	Margaret Archie	170.10	08/25/22		ACH
76133	4527	Marie l Trudeau	104.90	08/25/22		
76134	14474	Mary Conover	202.00	08/25/22		ACH
76135	11622	Mary Darcy	170.10	08/25/22		ACH
76136	7364	Maryann Thompson	144.60	08/25/22		ACH
76137	14872	MaryJane Livingood	170.10	08/25/22		ACH
76138	1200	McMAHON ASSOCIATES, INC.	1,970.00	08/25/22		
76139	8257	MCDONALD UNIFORMS	889.03	08/25/22		
76140	12163	Melvin Rice	170.10	08/25/22		ACH
76141	10130	Michael Evangelista	191.70	08/25/22		ACH
76142	13417	Michael Miletto	170.10	08/25/22		ACH
76143	12454	MICROSOFT	2,445.86	08/25/22		
76144	13218	MORTON SALT, INC.	6,242.48	08/25/22		
76145	8112	MOTOROLA SOLUTIONS INC	4,543.39	08/25/22		
76146	8278	MSC INDUSTRIAL SUPPLY COMPANY	2,083.83	08/25/22		
76147	928	MUNICIPAL SUPPLY CO.,INC U.S.	243.16	08/25/22		
76148	13128	Nancy Davis	156.10	08/25/22		ACH
76149	14159	Nancy O'Connor	135.50	08/25/22		ACH
76150	10954	Nancy Quinn	170.10	08/25/22		ACH
76151	2451	NORTHERN SAFETY CO., INC.	687.13	08/25/22		
76152	8537	OFFICE DEPOT	61.65	08/25/22		
76153	13756	Patricia Stein	134.00	08/25/22		ACH
76154	10226	Paul Myers	170.10	08/25/22		ACH
76155	16676	PARKING LOT THEATERS	750.00	08/25/22		
76156	15292	Peter Hasson	170.10	08/25/22		ACH
76157	3216	PECO ENERGY COMPANY	44,314.17	08/25/22		
76158	2538	Phillip Ridge	148.50	08/25/22		ACH

Check Register

Check Number	Vendor Number	Vendor Name	Check Amount	Check Date	BW	Check Type
76159	5689	PLASTERER EQUIPMENT CO	389.21	08/25/22		
76160	16899	PORT A BOWL RESTROOM CO.	622.92	08/25/22		
76161	15916	POSTAL SERVICE UNITED STATES	3,000.00	08/25/22		
76162	16834	PREIT ASSOCIATES,LP	1,500.00	08/25/22		
76163	962	PRIMEX CENTERS, INC.	1,460.00	08/25/22		
76164	7103	PROP	490.00	08/25/22		
76165	11179	Regina Holt	170.10	08/25/22		ACH
76166	12992	READY REFRESH	173.23	08/25/22		
76167	13056	REPUBLIC SERVICES INC	1,026.00	08/25/22		
76168	4091	Robert Lamphere	170.10	08/25/22		ACH
76169	15720	Robert Mann	170.10	08/25/22		ACH
76170	1683	Ronald Trudeau	104.90	08/25/22		
76171	996	SECOND ALARMERS ASSN	15,625.00	08/25/22		ACH
76172	1882	SHERWIN WILLIAMS CO.	149.50	08/25/22		
76173	9017	SHINING KNIGHTS, LTD	4,080.00	08/25/22		
76174	5053	SIGMA CONTROLS,INC.	593.04	08/25/22		
76175	1552	SIGNAL CONTROL PRODUCTS, INC.	3,180.00	08/25/22		
76176	8164	Sonja Boerner	170.10	08/25/22		ACH
76177	8628	STAPLES	134.51	08/25/22		
76178	12730	STATE WORKER'S INS. FUND	3,364.00	08/25/22		
76179	16696	STEM AMERICA LLC	6,686.00	08/25/22		
76180	11772	Thomas Darcy	170.10	08/25/22		ACH
76181	14908	Thomas McNamara	170.10	08/25/22		ACH
76182	15331	ULINE	929.01	08/25/22		
76183	495	UNITED PARCEL SERVICE	124.40	08/25/22		
76184	5191	UPPER DUBLIN TOWNSHIP	1,621.62	08/25/22		
76185	13436	VERIZON	32.50	08/25/22		
76186	12843	VERIZON WIRELESS	1,120.86	08/25/22		
76187	11838	Virginai Evangelista	191.70	08/25/22		ACH
76188	12623	Virginia Ciliberto	170.10	08/25/22		ACH
76189	7500	VILE SUSAN ELIZABETH	641.25	08/25/22		ACH
76190	107	William Holt	158.10	08/25/22		ACH
76191	14739	William Kelly	148.50	08/25/22		ACH
76192	14389	WISSAHICKON CLEAN WATER PARTNE	17,000.00	08/25/22		

Check totals:	233,430.77
ACH totals:	62,827.30
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	296,258.07

Check totals:	233,430.77
ACH totals:	62,827.30
EFTPS totals:	
Wire transfer totals:	
Payment Manager totals:	
GRAND TOTALS	296,258.07

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 1 General Fund									
Vendor number: 1306 ABINGTON TWP PUBLIC LIBRARY									
01-10220-456 000000	LIBRARY OPERATING	2022	AUGUST 10, 2022	0	0	N	08/24/22	6,993.48	
Remarks: Library Appropriation									
Totals for vendor 1306									6,993.48 *
Vendor number: 2961 ACKER'S HARDWARE, INC.									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	2208-169531	83568	1	N	08/24/22	27.66	
Remarks: REPAIRS TO ALVERTHORPE PARK									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	2208-169654	83567	1	N	08/24/22	55.92	
Remarks: REPAIRS TO ALVERTHORPE PARK CONTROL BUILDING									
01-10260-454 000000	SMALL TOOLS AND MINOR EQUIP	2022	2208-169668	83569	1	N	08/24/22	16.74	
Remarks: KEYS FOR CLOSET AT ALVERTHORPE PARK									
Totals for vendor 2961									100.32 *
Vendor number: 16691 ADVANCED WELDING FABRICATING S									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	1809	83520	1	N	08/24/22	1,975.00	
Remarks: packer cylinder rebuilds									
Totals for vendor 16691									1,975.00 *
Vendor number: 12572 AIRGAS USA, LLC									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8837	81389	1	N	08/24/22	211.54	
Remarks: ACETYLENE GAS REFILL $27.69~									
Totals for vendor 12572									211.54 *
Vendor number: 16063 ALLIED HYDRAULIC SERVICE									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	33180	83323	1	N	08/24/22	1,297.76	
Remarks: pump repair									
Totals for vendor 16063									1,297.76 *
Vendor number: 12309 ALLIED LANDSCAPE SUPPLY									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	144674	83599	1	N	08/24/22	484.27	
Totals for vendor 12309									484.27 *
Vendor number: 15969 AMAZON									
01-10247-452 000000	CULTURE-RECREATION SUPPLIES	2022	1LHC-94DM-1JWJ	83288	1	N	08/24/22	161.92	
Remarks: SUPPLIES FOR CORNHOLE TOURNAMENT									
01-10450-410 000000	CONTRACTED SERVICES	2022	1YHTKVYF7GXP	83511	1	N	08/24/22	179.00	
Remarks: membership fee									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	7QR6	83519	1	N	08/22/22	220.04	
Remarks: TABLET MOUNTS									
Totals for vendor 15969									560.96 *
Vendor number: 100190 AMERICAN RED CROSS									

01-10450-452 000000	CONTRACTED SERVICES	2022	22472625	164	83402	1	N	08/24/22	164.00	
Remarks: SHALLOW WATER LIFEGUARD TRAINING COURSE										
01-10450-452 000000	CONTRACTED SERVICES	2022	22472625	246	83403	1	N	08/24/22	246.00	
Remarks: LIFEGUARD TRAINING COURSE										
Totals for vendor 100190										410.00 *
Vendor number: 11893 ANDERSON WELDING										
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	7086		83468	1	N	08/24/22	128.00	
Remarks: steel for repair										
Totals for vendor 11893										128.00 *
Vendor number: 15971 APS										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10260-437 000000	SMALL TOOLS AND MINOR EQUIP	2022	6044	83583	1	N	08/23/22	3,900.00	
Totals for vendor 15971									3,900.00 *
Vendor number: 5812 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	AUGUST 2022	0	0	N	08/24/22	8.51	
Remarks: 000128385 0128385									
Totals for vendor 5812									8.51 *
Vendor number: 5813 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	AUGUST 2022	0	0	N	08/24/22	206.31	
Remarks: 000128446 0128446									
Totals for vendor 5813									206.31 *
Vendor number: 15814 AQUA PENNSYLVANIA									
01-10366-409 000000	WATER SERVICE	2022	AUGUST 2022	0	0	N	08/24/22	5.19	
Remarks: 000128385 1473368									
Totals for vendor 15814									5.19 *
Vendor number: 10093 ARDMORE TIRE COMPANY									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	90389	83408	1	N	08/24/22	1,079.75	
Remarks: refuse trucks									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	91591	83536	1	N	08/24/22	1,400.00	
Remarks: refuse truck tires									
Totals for vendor 10093									2,479.75 *
Vendor number: 15107 ATLANTIS GLOBAL LLC									
01-10450-410 000000	CONTRACTED SERVICES	2022	11562	83512	1	N	08/24/22	461.00	
Remarks: printer paper for in car printers									
Totals for vendor 15107									461.00 *
Vendor number: 16298 ATS SPRING									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	14997	83322	1	N	08/24/22	915.00	
Remarks: springs for #116									
Totals for vendor 16298									915.00 *
Vendor number: 13451 BERBEN INSIGNIA COMPANY									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	42927	83514	1	N	08/24/22	82.00	
Remarks: 3 name plates for Lt. Blei, 3 nameplates for Lt. Kent									
Totals for vendor 13451									82.00 *
Vendor number: 825 BERGEY'S INC.									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/12/22	83535	1	N	08/22/22	1,480.60	
Remarks: brakes & drums									

Totals for vendor 825										1,480.60 *
Vendor number: 707 BILLOWS ELECTRIC SUPPLY INC										
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	5878564-00	83573	1	N	08/24/22	428.13		
Remarks: BALLASTS FOR ACEC										
Totals for vendor 707										428.13 *
Vendor number: 8345 BLUMENTHAL JAY W										
01-10450-403 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/24/22	1,000.00		
Remarks: Monthly Fee										
Totals for vendor 8345										1,000.00 *
Vendor number: 13182 BOSTON MUTUAL LIFE INSURANCE										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-78000-226 000000	LIFE INSURANCE	2022	AUGUST 2022	0	0	N	08/24/22	4,994.65	
Remarks: August Insurance Prem									
01-79000-226 000000	DISABILITY INSURANCE	2022	AUGUST 2022	0	0	N	08/24/22	5,932.82	
Remarks: August Insurance Prem									
01-69000-227 000000	MISC #5-DISABILITY ADD 10 %	2022	AUGUST 2022	0	0	N	08/24/22	2,841.82	
Remarks: August Insurance Prem									
Totals for vendor 13182									13,769.29 *
Vendor number: 12954 BUCKMAN'S INC.									
01-10221-452 000000	CHEMICALS	2022	794297	83571	1	N	08/24/22	964.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	794298	83570	1	N	08/24/22	723.00	
Remarks: POOL CHEMICALS									
01-10221-452 000000	CHEMICALS	2022	795004	83572	1	N	08/24/22	1,232.30	
Remarks: POOL CHEMICALS									
Totals for vendor 12954									2,919.30 *
Vendor number: 12951 CLARKE, LLC RUDOLPH									
01-10317-404 000000	LEGAL-OTHER	2022	898/57	0	0	N	08/23/22	869.50	
Remarks: CHRIA Matter									
01-10317-404 000000	LEGAL-OTHER	2022	89829	0	0	N	08/24/22	540.00	
Remarks: 1235 Meinel Rd									
01-10317-404 000000	LEGAL-OTHER	2022	89833	0	0	N	08/24/22	758.50	
Remarks: Litigation 375 Cadwalader									
01-10317-404 000000	LEGAL-OTHER	2022	89834	0	0	N	08/24/22	55.50	
Remarks: 401 Cadwalader Ave									
01-10317-404 000000	LEGAL-OTHER	2022	89837	0	0	N	08/24/22	203.50	
Remarks: CHRIA Cambridge , D									
01-10317-404 000000	LEGAL-OTHER	2022	89838	0	0	N	08/24/22	1,017.50	
Remarks: Farmer/Diaz									
01-10317-404 000000	LEGAL-OTHER	2022	89842	0	0	N	08/24/22	55.50	
Remarks: Jenkintown Monument Display									
01-10317-404 000000	LEGAL-OTHER	2022	89845	0	0	N	08/24/22	610.50	
Remarks: Massino Properties									
01-10317-404 000000	LEGAL-OTHER	2022	89849	0	0	N	08/24/22	3,330.00	
Remarks: Open Records/RTK									
01-10317-404 000000	LEGAL-OTHER	2022	89850	0	0	N	08/24/22	425.50	
Remarks: Paone. Michael									
01-10317-404 000000	LEGAL-OTHER	2022	89854	0	0	N	08/24/22	92.50	
Remarks: Rooney Litigation									
Totals for vendor 12951									7,958.50 *
Vendor number: 14272 COHEN LAW GROUP									
01-10317-404 000000	LEGAL-OTHER	2022	08/03/2022 1	0	0	N	08/24/22	1,312.33	
Remarks: Verizon Franchise Fee									
01-10317-404 000000	LEGAL-OTHER	2022	2	0	0	N	08/24/22	3,041.67	
Remarks: Franchise Renewal									
Totals for vendor 14272									4,354.00 *

Vendor number: 16718 COLONIAL OIL INDUSTRIES, INC.									
01-10231-437 000000	VEHICLE FUEL-GASOLINE	2022	8/1/22	83406	1	N	08/24/22	18,698.00	
Remarks: 5000 gallons diesel fuel									
01-10231-437 000000	VEHICLE FUEL-GASOLINE	2022	8/1/22	0	0	N	08/24/22	15.50	
Remarks: 5000 gallons diesel fuel									
Totals for vendor 16718									18,713.50 *
Vendor number: 13415 COMCAST									
01-10450-430 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/24/22	54.85	
Remarks: 8499101380274354									
Totals for vendor 13415									54.85 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 5441 COMCAST CABLE									
01-10450-407 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/24/22	26.91	
Remarks: 8499101380279403									
Totals for vendor 5441									26.91 *
Vendor number: 5860 COMCAST CABLE									
01-10450-452 000000	CONTRACTED SERVICES	2022	081522	80620	8	N	08/24/22	214.87	
Remarks: ARDSLEY COMMUNITY CENTER CABLE~									
Totals for vendor 5860									214.87 *
Vendor number: 5894 COMCAST CABLE									
01-10263-451 000000	COMPUTER EQUIPMENT/PARTS	2022	080922	80543	8	N	08/24/22	214.87	
Remarks: MONTHLY CABLE 515 MEETINGHOUSE~									
Totals for vendor 5894									214.87 *
Vendor number: 9245 COMCAST CABLE									
01-10450-451 000000	CONTRACTED SERVICES	2022	081022	82746	3	N	08/24/22	98.40	
Remarks: CABLE SERVICE FOX CHASE RD									
Totals for vendor 9245									98.40 *
Vendor number: 9177 DEX MEDIA									
01-10321-406 000000	TELEPHONE MONTHLY CHARGES	2022	AUGUST 2022	0	0	N	08/24/22	22.50	
Remarks: monthly fee									
Totals for vendor 9177									22.50 *
Vendor number: 1096 EAGLE POWER & EQUIP CORP									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	1660	83405	1	N	08/24/22	745.56	
Remarks: parts for excavator									
Totals for vendor 1096									745.56 *
Vendor number: 693 ELYSE/BERBEN INSIGNIA									
01-10238-451 000000	CLOTHING AND UNIFORMS	2022	42819	83574	1	N	08/24/22	25.00	
Remarks: RANGER NAMEPLATES									
Totals for vendor 693									25.00 *
Vendor number: 13114 FASTENAL COMPANY									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/10/22	83467	1	N	08/24/22	1,021.11	
Remarks: HARDWARE FOR SHOP									
Totals for vendor 13114									1,021.11 *
Vendor number: 419 FEDERAL EXPRESS									
01-11215-406 000000	POSTAGE	2022	7-845-33637	0	0	N	08/24/22	112.30	
Remarks: OVERNIGHT MAILING									

Totals for vendor 419										112.30 *
Vendor number: 8830 FERGUSON ENTERPRISES LLC										
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	8084586	83595	1	N	08/24/22	170.76		
Remarks: LFN 10 PL FF 20 MIC CART										
Totals for vendor 8830										170.76 *
Vendor number: 8286 FLAGHOUSE										
01-10247-452 000000	CULTURE-RECREATION SUPPLIES	2022	P091080001012	81571	1	N	08/24/22	203.00		
Remarks: PICKLEBALL NET										
Totals for vendor 8286										203.00 *
Vendor number: 14463 FUN EXPRESS, LLC.										

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10247-452 000000	CULTURE-RECREATION SUPPLIES	2022	718505942-01	0	0	N	08/24/22	156.38	
Remarks: PROGRAM SUPPLIES									
Totals for vendor 14463									156.38 *
Vendor number: 512 GEPPERT INC. WILLIAM A									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	29750	83596	1	N	08/24/22	57.90	
Remarks: 1/2X 6X 10' FIBE EXPANSION JOINT									
01-10260-410 000000	SMALL TOOLS AND MINOR EQUIP	2022	30390	0	0	N	08/24/22	49.90	
Remarks: 1/2X 4X 10									
Totals for vendor 512									107.80 *
Vendor number: 1110 GRAINGER, INC.									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	7364	83472	1	N	08/24/22	171.64	
Remarks: hip waders									
Totals for vendor 1110									171.64 *
Vendor number: 851 HOME DEPOT CREDIT SERVICES									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	07128	83335	1	N	08/24/22	784.76	
Remarks: WHEEL BARROWS									
Totals for vendor 851									784.76 *
Vendor number: 7188 ICC MEMBERSHIP SERVICES									
01-11420-413 000000	DUES, SUBSCR. AND MEMBERSHIPS	2022	3340616	83507	1	N	08/24/22	265.00	
Remarks: MEMBER DUES									
Totals for vendor 7188									265.00 *
Vendor number: 3417 IF IT'S WATER, INC.									
01-10260-452 000000	SMALL TOOLS AND MINOR EQUIP	2022	63269	83200	1	N	08/24/22	2,120.00	
Remarks: PARTS FOR POOL VACUUMS									
Totals for vendor 3417									2,120.00 *
Vendor number: 10824 INTERSTATE BATTERY SYSTEM									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	2972 8886	83521	1	N	08/24/22	789.80	
Remarks: car batteries									
Totals for vendor 10824									789.80 *
Vendor number: 1190 J.D.M. MATERIALS CO.									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	8024	83470	1	N	08/24/22	171.00	
Remarks: concrete									
Totals for vendor 1190									171.00 *
Vendor number: 3119 JOHN KENNEDY FORD JENKINTOWN									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/12/22	83537	1	N	08/24/22	209.13	
Remarks: filters, washers, cylinders									

Totals for vendor 3119									209.13 *
Vendor number: 13527 KOHN A J									
01-10450-452 000000	CONTRACTED SERVICES	2022	SKATE CAMP 2022	83563	1	N	08/24/22	4,300.00	
Remarks: SKATEBOARDING CAMPS									
Totals for vendor 13527									4,300.00 *
Vendor number: 8797 KOLLAR KATIE									
01-10450-452 000000	CONTRACTED SERVICES	2022	071122	83564	1	N	08/24/22	1,137.70	
Remarks: BABYSITTING TRAINING									
Totals for vendor 8797									1,137.70 *

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Vendor number: 5516 LOWE'S BUSINESS ACCOUNT									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	64400	83532	1	N	08/24/22	69.77	
Remarks: stain for lumber									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	88493257	83566	1	N	08/24/22	39.86	
Remarks: REPAIRS TO CRESTMONT CLUBHOUSE									
Totals for vendor 5516									109.63 *
Vendor number: 8257 MCDONALD UNIFORMS									
01-10238-410 000000	CLOTHING AND UNIFORMS	2022	208997 MULT	83490	1	N	08/24/22	889.03	
Remarks: see attached list for invoice numbers									
Totals for vendor 8257									889.03 *
Vendor number: 12454 MICROSOFT									
01-10450-407 000000	CONTRACTED SERVICES	2022	JQRZY,JR1P9	83422	1	N	08/24/22	2,445.86	
Remarks: o365 invoices for Aug 2022									
Totals for vendor 12454									2,445.86 *
Vendor number: 2451 NORTHERN SAFETY CO., INC.									
01-10260-430 000000	SMALL TOOLS AND MINOR EQUIP	2022	3688	83590	1	N	08/23/22	687.13	
Totals for vendor 2451									687.13 *
Vendor number: 8537 OFFICE DEPOT									
01-12210-451 000000	OFFICE SUPPLIES	2022	260218166001	83377	1	N	08/24/22	61.65	
Remarks: INK FOR PRINTER									
Totals for vendor 8537									61.65 *
Vendor number: 16676 PARKING LOT THEATERS									
01-10247-454 000000	CULTURE-RECREATION SUPPLIES	2022	0056	83565	1	N	08/24/22	750.00	
Remarks: MOVIE NIGHT									
Totals for vendor 16676									750.00 *
Vendor number: 5689 PLASTERER EQUIPMENT CO									
01-10374-437 000000	MACHINERY AND EQUIPMENT MAINT.	2022	34865	83538	1	N	08/24/22	389.21	
Remarks: starter for #452									
Totals for vendor 5689									389.21 *
Vendor number: 16899 PORT A BOWL RESTROOM CO.									
01-10450-451 000000	CONTRACTED SERVICES	2022	81236	81236	6	N	08/24/22	575.00	
Remarks: PORTABLE TOILET RENTALS~									
01-10450-451 000000	CONTRACTED SERVICES	2022	81236	0	0	N	08/24/22	47.92	
Remarks: PORTABLE TOILET RENTALS~									
Totals for vendor 16899									622.92 *
Vendor number: 15916 POSTAL SERVICE UNITED STATES									

	01-11215-406 000000	POSTAGE	2022	AUGUST 2022	0	0	N	08/24/22	3,000.00	
Remarks:	Postage									
	Totals for vendor 15916									3,000.00 *
	Vendor number: 16834 PREIT ASSOCIATES,LP									
	01-12410-362 000000	BUILDING PERMITS	2022	82222	0	0	N	08/24/22	1,500.00	
Remarks:	ZHB REFUND-2500 MORELAND RD-TILT									
	Totals for vendor 16834									1,500.00 *
	Vendor number: 962 PRIMEX CENTERS, INC.									
	01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	2-250286	83231	1	N	08/24/22	292.00	
Remarks:	MULCH FOR BUSINESS DISTRICT									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	2-250396	83559	1	N	08/24/22	292.00	
Remarks: MULCH FOR BUSINESS DISTRICT									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	2-252641	83557	1	N	08/24/22	292.00	
Remarks: MULCH FOR BUSINESS DISTRICT									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	2-253694	83556	1	N	08/24/22	292.00	
Remarks: MULCH FOR BUSINESS DISTRICT									
01-10260-451 000000	SMALL TOOLS AND MINOR EQUIP	2022	2-25495	83558	1	N	08/24/22	292.00	
Remarks: MULCH FOR BUSINESS DISTRICT									
Totals for vendor 962									1,460.00 *
Vendor number: 7103 PROP									
01-11420-430 000000	DUES, SUBSCR. AND MEMBERSHIPS	2022	5914	83464	1	N	08/24/22	490.00	
Remarks: recycling classes for M. Rebelo									
Totals for vendor 7103									490.00 *
Vendor number: 12992 READY REFRESH									
01-10366-430 000000	WATER SERVICE	2022	7/5 -8/4	83362	1	N	08/24/22	173.23	
Remarks: water for p.w. dept									
Totals for vendor 12992									173.23 *
Vendor number: 996 SECOND ALARMERS ASSN									
01-10450-412 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/24/22	15,625.00	
Remarks: Monthly service									
Totals for vendor 996									15,625.00 *
Vendor number: 9017 SHINING KNIGHTS, LTD									
01-10450-452 000000	CONTRACTED SERVICES	2022	685	83562	1	N	08/24/22	4,080.00	
Remarks: CHESS PROGRAM									
Totals for vendor 9017									4,080.00 *
Vendor number: 8628 STAPLES									
01-12210-430 000000	OFFICE SUPPLIES	2022	0095, 9876	83238	1	N	08/24/22	61.04	
Remarks: OFFICE SUPPLIES									
01-12210-451 000000	OFFICE SUPPLIES	2022	8067216641	83376	1	N	08/24/22	73.47	
Remarks: INK FOR PRINTER									
Totals for vendor 8628									134.51 *
Vendor number: 16696 STEM AMERICA LLC									
01-10450-452 000000	CONTRACTED SERVICES	2022	506	83560	1	N	08/24/22	3,701.00	
Remarks: JR INVENTOR'S WORKSHOP AND JR ENGINEERING OF POWER & ENERGY									
01-10450-452 000000	CONTRACTED SERVICES	2022	507	83561	1	N	08/24/22	2,985.00	
Remarks: HERO'S WEEK AND THE ENGINEERING OF POWER AND ENERGY									
Totals for vendor 16696									6,686.00 *
Vendor number: 15331 ULINE									

01-10247-452 000000	CULTURE-RECREATION SUPPLIES	2022	152480302	83328	1	N	08/24/22	929.01			

Remarks: STORAGE CAGE FOR SUPPLIES

Totals for vendor 15331 929.01 *

Vendor number: 495 UNITED PARCEL SERVICE

01-11215-406 000000	POSTAGE	2022	0000F11R79322	0	0	N	08/24/22	124.40			

Remarks: OVERNIGHT MAILING

Totals for vendor 495 124.40 *

Vendor number: 13436 VERIZON

01-10321-451 000000	TELEPHONE MONTHLY CHARGES	2022	081222	80546	8	N	08/24/22	32.50			

Remarks: ALVERTHORPE MANOR PHONE~

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 13436									32.50 *
Vendor number: 12843 VERIZON WIRELESS									
01-10450-410 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/24/22	1,120.86	
Remarks: Verizon									
Totals for vendor 12843									1,120.86 *
Vendor number: 7500 VILE SUSAN ELIZABETH									
01-10450-410 000000	CONTRACTED SERVICES	2022	AUGUST 2022	0	0	N	08/24/22	641.25	
Remarks: Transcription/Editing of minutes									
Totals for vendor 7500									641.25 *
Totals for fund 1									125,917.94 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 2 Sewer Fund									
Vendor number: 5836 AQUA PENNSYLVANIA									
02-10366-429 000000	WATER SERVICE	2022	07-21-2022	83495	1	N	08/24/22	243.40	
Remarks: MONTHLY WATER BILL									
Totals for vendor 5836									243.40 *
Vendor number: 5837 AQUA PENNSYLVANIA									
02-10366-429 000000	WATER SERVICE	2022	8-10-2022	83501	1	N	08/24/22	41.50	
Remarks: MONTHLY WATER BILL									
Totals for vendor 5837									41.50 *
Vendor number: 5843 AQUA PENNSYLVANIA									
02-10366-429 000000	WATER SERVICE	2022	07-12/2022	83497	1	N	08/24/22	137.80	
Remarks: MONTHLY WATER BILL									
Totals for vendor 5843									137.80 *
Vendor number: 5845 AQUA PENNSYLVANIA									
02-10366-429 000000	WATER SERVICE	2022	07-12-2022	83496	1	N	08/24/22	78.56	
Remarks: MONTHLY WATER BILL									
Totals for vendor 5845									78.56 *
Vendor number: 5846 AQUA PENNSYLVANIA									
02-10366-429 000000	WATER SERVICE	2022	07-12-2022	83498	1	N	08/24/22	21.02	
Remarks: MONTHLY WATER BILL									
Totals for vendor 5846									21.02 *
Vendor number: 10094 AQUA PENNSYLVANIA									
02-10366-429 000000	WATER SERVICE	2022	07-25-2022	83494	1	N	08/24/22	61.26	
Remarks: MONTHLY WATER BILL									
Totals for vendor 10094									61.26 *
Vendor number: 15619 AUTOMATIONDIRECT.COM, INC.									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	13988381	83542	1	N	08/24/22	102.25	
Remarks: ELECTRICAL WIRE TERMINAL BLOCKS & CABLE TIES									
Totals for vendor 15619									102.25 *
Vendor number: 6567 EAST JORDAN IRON WORKS INC									
02-10245-429 000000	HIGHWAY SUPPLIES	2022	110220052831/57	82180	1	N	08/24/22	6,726.00	
Remarks: MANHOLE FRAMES & COVERS -									
Totals for vendor 6567									6,726.00 *
Vendor number: 5517 GLASGOW, INC.									
02-10450-429 000000	CONTRACTED SERVICES	202?	203043	83541	1	N	08/24/22	723.21	

Remarks: ROADWAY PATCH REPAIR TOP COAT

Totals for vendor 5517 723.21

Vendor number: 470 HILLYARD - DELAWARE VALLEY INC

02-10227-429 000000	SANITATION SUPPLIES	2022	604794114	82738	1	N	08/24/22	230.46	

Remarks: FLOOR CLEANER & METAL CLEANER

Totals for vendor 470 230.46 *

Vendor number: 8278 MSC INDUSTRIAL SUPPLY COMPANY

02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	23721206	83493	1	N	08/24/22	45.43	

Remarks: STAINLESS STEEL MOTOR SHAFT

02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	24197354	83437	1	N	08/24/22	138.01	

Remarks: POLYCARBONATE SHEET

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	55860274	83492	1	N	08/24/22	29.99	
Remarks: METRIC & ENGLISH THREAD MEASURING TOOL									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	99114874	83438	1	N	08/24/22	309.12	
Remarks: MACHINE SHOP TOOL CLEANING CLOTHS									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	99114884	83439	1	N	08/24/22	171.13	
Remarks: TAP WRENCH, GRINDER, DRILL & CASTER WHEELS									
02-10260-429 000000	SMALL TOOLS AND MINOR EQUIP	2022	99823013	83491	1	N	08/24/22	36.00	
Remarks: BRASS POWER WASHER JET NOZLES									
Totals for vendor 8278									729.68 *
Vendor number: 3216 PECO ENERGY COMPANY									
02-10361-429 000000	ELECTRIC AND GAS	2022	JUNE JULY 2022	0	0	N	08/24/22	35,178.33	
Remarks: WWTP Electric									
02-10361-429 000000	ELECTRIC AND GAS	2022	JUNE JULY 2022	0	0	N	08/24/22	9,135.84	
Remarks: WWTP Electric									
Totals for vendor 3216									44,314.17 *
Vendor number: 13056 REPUBLIC SERVICES INC									
02-10450-429 000000	CONTRACTED SERVICES	2022	3-0320-0036735	83302	1	N	08/24/22	1,026.00	
Remarks: GRIT & SCREENING DISPOSAL SERVICE									
Totals for vendor 13056									1,026.00 *
Vendor number: 5053 SIGMA CONTROLS,INC.									
02-10740-429 000000	MACHINERY	2022	030841	82579	1	N	08/24/22	593.04	
Totals for vendor 5053									593.04 *
Totals for fund 2									55,028.35 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 3 Fire Services Fund									
Vendor number: 8112 MOTOROLA SOLUTIONS INC									
03-10740-411 000000	MACHINERY	2022	JUNE 2022	83579	1	N	08/24/22	4,543.39	
Remarks: Motorola Radio for FM29-1									
Totals for vendor 8112									4,543.39 *
Vendor number: 12730 STATE WORKER'S INS. FUND									
03-11354-411 000000	WORKER'S COMP INSURANCE	2022	9 OF 11	0	0	N	08/24/22	3,364.00	
Remarks: SWIF Payment									
Totals for vendor 12730									3,364.00 *
Totals for fund 3									7,907.39 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 4 Grant and Special ProjectsFund									
Vendor number: 12309 ALLIED LANDSCAPE SUPPLY									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	144546	83499	1	N	08/24/22	84.25	
Remarks: BALED STRAW RAKE ROAD STONE 16T LEVEL HEAD									
Totals for vendor 12309									84.25 *
Vendor number: 9216 CONTRACTORS HAULING SERVICE									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	498404	83502	1	N	08/24/22	325.50	
Totals for vendor 9216									325.50 *
Vendor number: 100179 Cordico Inc									
04-10260-430-GA2001	SMALL TOOLS AND MINOR EQUIP	2022	430	83318	1	N	08/24/22	10,000.00	
Remarks: wellness app									
Totals for vendor 100179									10,000.00 *
Vendor number: 1100 EUREKA STONE QUARRY, INC.									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	498505	83509	1	N	08/24/22	1,154.40	
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	498799	83510	1	N	08/24/22	766.35	
Totals for vendor 1100									1,920.75 *
Vendor number: 1190 J.D.M. MATERIALS CO.									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	498326	83506	1	N	08/24/22	342.00	
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	499184	83508	1	N	08/24/22	2,592.00	
Totals for vendor 1190									2,934.00 *
Vendor number: 5516 LOWE'S BUSINESS ACCOUNT									
04-10720-408-AR2115	IMPROV. OTHER THAN BUILDINGS	2022	08496	83528	1	N	08/24/22	92.06	
Remarks: CLOTH LIKE BAGS									
Totals for vendor 5516									92.06 *
Vendor number: 100069 Nick's Roast Beef - Food Truck									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	TRUCK EVENT ORD	83202	1	N	08/24/22	1,000.23	
Remarks: employee recognition lunch									
04-10450-410-GP2101	CONTRACTED SERVICES	2022	TRUCK EVENT ORD	0	0	N	08/24/22	.05	
Remarks: employee recognition lunch									
Totals for vendor 100069									1,000.28 *
Vendor number: 1552 SIGNAL CONTROL PRODUCTS, INC.									
04-10740-429-AR2134	MACHINERY	2022	20220856	80917	1	N	08/24/22	3,180.00	
Remarks: OUTSIDE ELECTRICAL PANEL WITH RISER AND									
Totals for vendor 1552									3,180.00 *
Vendor number: 100184 The Tot Rod									

	04-10450-410-GP2101	CONTRACTED SERVICES	2022	0000002	83241	1	N	08/24/22	750.00

Remarks: ning balance for food truck event

Totals for vendor 100184 750.00 *

Vendor number: 14389 WISSAHICKON CLEAN WATER PARTNE

	04-10660-429-AR2127	PROFESSIONAL FEES	2022	2022-2021-FEES	83459	1	N	08/24/22	17,000.00

Remarks: LEGAL & ENGINEERING FEES

Totals for vendor 14389 17,000.00 *

Totals for fund 4 37,286.84 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 9 Refuse Fund									
Vendor number: 100073 ANALYTICAL LABORATORIES, INC									
09-10374-427-000000	MACHINERY AND EQUIPMENT MAINT.	2022	774322	83545	1	N	08/24/22	125.00	
Remarks: storm water analysis									
Totals for vendor 100073									125.00 *
Vendor number: 5191 UPPER DUBLIN TOWNSHIP									
09-10374-427-000000	MACHINERY AND EQUIPMENT MAINT.	2022	8/18/22	83544	1	N	08/24/22	1,621.62	
Remarks: composition audit payment									
Totals for vendor 5191									1,621.62 *
Totals for fund 9									1,746.62 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 18 Capital Projects Fund									
Vendor number: 12951 CLARKE, LLC RUDOLPH									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89828	0	0	N	08/23/22	2,272.50	
Remarks: 1231 Susquehanna Rd									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89830	0	0	N	08/24/22	45.00	
Remarks: 1603 Old York Rd									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89831	0	0	N	08/24/22	157.50	
Remarks: 261 Old York Rd									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89832	0	0	N	08/24/22	180.00	
Remarks: 365 Cedar Rd									
18-10005-248-ES2442	DEPOSITS PAYABLE-LAND DEV.	2022	89836	0	0	N	08/24/22	180.00	
Remarks: Land Dev Aqua 315 Chelsea									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89839	0	0	N	08/24/22	382.50	
Remarks: GOPUFF									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89840	0	0	N	08/24/22	180.00	
Remarks: Herlling (Easton)									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89844	0	0	N	08/24/22	22.50	
Remarks: Lindy/Meadowbrook									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89847	0	0	N	08/24/22	180.00	
Remarks: 901 Old York Rd									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89851	0	0	N	08/24/22	855.00	
Remarks: 261 Old York Rd									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89852	0	0	N	08/24/22	1,102.50	
Remarks: Penn State									
18-11012-248-ES2451	LEGAL FEES-ESCROW	2022	89856	0	0	N	08/24/22	1,395.00	
Remarks: St Basil Academy									
Totals for vendor 12951									6,952.50 *
Vendor number: 15711 EDGE HILL FIRE COMPANY									
18-10730-411-220036	BUILDINGS CAPITAL	2022	STA 400 - JULY	83580	1	N	08/24/22	3,600.00	
Remarks: Capital Improvement Edge Hill Fire Co.									
Totals for vendor 15711									3,600.00 *
Vendor number: 5517 GLASGOW, INC.									
18-11001-248-ES2437	DEPOSITS PAY-AQUA/PECO PAVING	2022	203044	83585	1	N	08/24/22	1,249.77	
Remarks: aqua paving 8/10, 8/12									
Totals for vendor 5517									1,249.77 *
Vendor number: 1200 McMAHON ASSOCIATES, INC.									
18-10720-430-220026	IMPROV. OTHER THAN BUILDINGS	2022	186427	83517	1	N	08/24/22	1,970.00	
Totals for vendor 1200									1,970.00 *
Vendor number: 100138 PREMIER BUILDERS INC									
18-10730-411-220036	BUILDINGS CAPITAL	2022	INSTALLMENT 3	83581	1	N	08/24/22	28,237.50	
Remarks: Approved Purchase Justification. Pennoni approved.									
Totals for vendor 100138									28,237.50 *

Totals for fund 18 42,009.77 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 23 Debt Service Fund									
Vendor number: 15405 DE LAGE LANDEN FINANCIAL									
23-10384-471 000000	RENT OF MACHINERY/EQUIPMENT	2022	AUGUST 2022	0	0	N	08/24/22	143.00	
Remarks: copier lease									
Totals for vendor 15405									143.00 *
Totals for fund 23									143.00 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 35 Highway Aid Fund									
Vendor number: 707 BILLOWS ELECTRIC SUPPLY INC									
35-10374-433-000000	MACHINERY AND EQUIPMENT MAINT.	2022	5874468-00	83589	1	N	08/24/22	1,654.47	
Remarks: conduit, elbow's, couplings									
Totals for vendor 707									1,654.47 *
Vendor number: 11673 CHEMUNG SUPPLY CORP									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	018250	83591	1	N	08/24/22	3,890.00	
Totals for vendor 11673									3,890.00 *
Vendor number: 1102 GARDEN STATE HWY PRODUCTS, INC									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	7866	83587	1	N	08/24/22	1,077.43	
Remarks: street name sign faces									
Totals for vendor 1102									1,077.43 *
Vendor number: 512 GEPPERT INC. WILLIAM A									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	29535	83597	1	N	08/24/22	94.95	
Totals for vendor 512									94.95 *
Vendor number: 15506 GRAINGER									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	9398603531	83593	1	N	08/24/22	48.88	
Totals for vendor 15506									48.88 *
Vendor number: 5516 LOWE'S BUSINESS ACCOUNT									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	1283	83600	1	N	08/24/22	183.76	
Totals for vendor 5516									183.76 *
Vendor number: 13218 MORTON SALT, INC.									
35-10245-432-000000	HIGHWAY SUPPLIES	2022	5402509299	83531	1	N	08/24/22	6,242.48	
Remarks: Inv#5402509299									
Totals for vendor 13218									6,242.48 *
Vendor number: 8278 MSC INDUSTRIAL SUPPLY COMPANY									
35-10245-431-000000	HIGHWAY SUPPLIES	2022	15796	83522	1	N	08/24/22	1,134.00	
Remarks: rakes for leaf season									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	22646796	83594	1	N	08/24/22	20.16	
35-10245-433-000000	HIGHWAY SUPPLIES	2022	9815	83461	1	N	08/24/22	199.99	
Remarks: supplies for sign crew truck									
Totals for vendor 8278									1,354.15 *
Vendor number: 928 MUNICIPAL SUPPLY CO.,INC U.S.									
35-10245-433-000000	HIGHWAY SUPPLIES	2022	6197343	83534	1	N	08/24/22	243.16	
Remarks: br[illegible] & posts, sign crew									

ls for vendor 928 243.16

Vendor number: 1882 SHERWIN WILLIAMS CO.

35-10245-433-000000	HIGHWAY SUPPLIES	2022	0328-8	83584	1	N	08/24/22	149.50

Remarks: paint machine parts

Totals for vendor 1882 149.50 *

Totals for fund 35 14,938.78 **

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Fund number: 70 OPEB Fund									
Vendor number: 14462 Aileen Kelly									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50	
Remarks: August Reimbursement									
Totals for vendor 14462									148.50 *
Vendor number: 8319 Allen Boerner									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 8319									170.10 *
Vendor number: 16294 Ann Whitney									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	144.60	
Remarks: August Reimbursement									
Totals for vendor 16294									144.60 *
Vendor number: 9840 Anthony Ciliberto									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	146.10	
Remarks: August Reimbursement									
Totals for vendor 9840									146.10 *
Vendor number: 1941 Anthony Cristaldi									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 1941									170.10 *
Vendor number: 13182 BOSTON MUTUAL LIFE INSURANCE									
70-12198-488-000000	GENERAL INSURANCE EXPENSE	2022	AUGUST 2022	0	0	N	08/24/22	363.58	
Remarks: August Insurance Prem									
Totals for vendor 13182									363.58 *
Vendor number: 12622 Barbara Clark									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 12622									170.10 *
Vendor number: 9673 Bruce Dean									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 9673									170.10 *
Vendor number: 1596 Bruce Haslam									
70-10196-488-000000	MEDICAL REIMBURSEMENT	202?	44795	0	0	N	08/22/22	442.30	

Remarks: August Reimbursement

Totals for vendor 1596 442.30 *

Vendor number: 16295 Bruce Mouat

70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10

Remarks: August Reimbursement

Totals for vendor 16295 170.10 *

Vendor number: 11932 Carol Ridge

70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50

Remarks: August Reimbursement

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 11932									148.50 *
Vendor number: 3941 Charles Clark									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 3941									170.10 *
Vendor number: 15324 Cheryl McNamara									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 15324									170.10 *
Vendor number: 14798 Christine McCreary									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14798									170.10 *
Vendor number: 1030 David Tomlinson									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 1030									170.10 *
Vendor number: 15294 Donna Kelly									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 15294									170.10 *
Vendor number: 100016 Donna Myers									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 100016									170.10 *
Vendor number: 15653 Elizabeth Clark									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 15653									170.10 *
Vendor number: 12174 Georgianna Rice									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 12174									170.10 *
Vendor number: 6154 Gerald Kelly									

	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks:	A Reimbursement									
	Totals for vendor 6154									170.10 *
	Vendor number: 3953 Glenn Davis									
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks:	August Reimbursement									
	Totals for vendor 3953									170.10 *
	Vendor number: 16411 James Leary									
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50	
Remarks:	August Reimbursement									

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Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 16411									148.50 *
Vendor number: 15293 Jmaes Hurtado									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50	
Remarks: August Reimbursement									
Totals for vendor 15293									148.50 *
Vendor number: 14460 Joann Mann									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14460									170.10 *
Vendor number: 2776 John Archie									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	177.30	
Remarks: August Reimbursement									
Totals for vendor 2776									177.30 *
Vendor number: 12984 John Creedan									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 12984									170.10 *
Vendor number: 14871 John Livingood									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14871									170.10 *
Vendor number: 1805 John Parks									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 1805									170.10 *
Vendor number: 5785 John Thompson									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	144.60	
Remarks: August Reimbursement									
Totals for vendor 5785									144.60 *
Vendor number: 1618 Joseph Conover									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	202.00	
Remarks: August Reimbursement									
Totals for vendor 1618									202.00 *
Vendor number: 8918 Joseph Quinn									

	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	A Reimbursement								
	Totals for vendor 8918								170.10 *
	Vendor number: 16876 Kathleen Tomlinson								
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	August Reimbursement								
	Totals for vendor 16876								170.10 *
	Vendor number: 9404 Kathryn Lamphere								
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	August Reimbursement								

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 9404									170.10 *
Vendor number: 14873 Kenneth Clark									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14873									170.10 *
Vendor number: 943 Kenneth Stein									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	121.80	
Remarks: August Reimbursement									
Totals for vendor 943									121.80 *
Vendor number: 5904 Kevin McCreary									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 5904									170.10 *
Vendor number: 2273 Louis Clewell									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50	
Remarks: August Reimbursement									
Totals for vendor 2273									148.50 *
Vendor number: 14489 Madeline Milletti									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14489									170.10 *
Vendor number: 14248 Margaet Creedan									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14248									170.10 *
Vendor number: 10406 Margaret Archie									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 10406									170.10 *
Vendor number: 4527 Marie l Trudeau									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	104.90	
Remarks: August Reimbursement									
Totals for vendor 4527									104.90 *
Vendor number: 14474 Mary Conover									

	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	202.00
Remarks:	A Reimbursement								
	Totals for vendor 14474								202.00 *
	Vendor number: 11622 Mary Darcy								
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	August Reimbursement								
	Totals for vendor 11622								170.10 *
	Vendor number: 14872 MaryJane Livingood								
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	August Reimbursement								

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 14872									170.10 *
Vendor number: 7364 Maryann Thompson									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	144.60	
Remarks: August Reimbursement									
Totals for vendor 7364									144.60 *
Vendor number: 12163 Melvin Rice									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 12163									170.10 *
Vendor number: 10130 Michael Evangelista									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	191.70	
Remarks: August Reimbursement									
Totals for vendor 10130									191.70 *
Vendor number: 13417 Michael Miletto									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 13417									170.10 *
Vendor number: 13128 Nancy Davis									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	156.10	
Remarks: August Reimbursement									
Totals for vendor 13128									156.10 *
Vendor number: 14159 Nancy O'Connor									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	135.50	
Remarks: August Reimbursement									
Totals for vendor 14159									135.50 *
Vendor number: 10954 Nancy Quinn									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 10954									170.10 *
Vendor number: 13756 Patricia Stein									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	134.00	
Remarks: August Reimbursement									
Totals for vendor 13756									134.00 *
Vendor number: 10226 Paul Myers									

	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	A Reimbursement								
	Totals for vendor 10226								170.10 *
	Vendor number: 15292 Peter Hasson								
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10
Remarks:	August Reimbursement								
	Totals for vendor 15292								170.10 *
	Vendor number: 2538 Phillip Ridge								
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50
Remarks:	August Reimbursement								

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 2538									148.50 *
Vendor number: 11179 Regina Holt									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 11179									170.10 *
Vendor number: 4091 Robert Lamphere									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 4091									170.10 *
Vendor number: 15720 Robert Mann									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 15720									170.10 *
Vendor number: 1683 Ronald Trudeau									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	104.90	
Remarks: August Reimbursement									
Totals for vendor 1683									104.90 *
Vendor number: 8164 Sonja Boerner									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 8164									170.10 *
Vendor number: 11772 Thomas Darcy									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 11772									170.10 *
Vendor number: 14908 Thomas McNamara									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks: August Reimbursement									
Totals for vendor 14908									170.10 *
Vendor number: 11838 Virginai Evangelista									
70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	191.70	
Remarks: August Reimbursement									
Totals for vendor 11838									191.70 *
Vendor number: 12623 Virginia Ciliberto									

	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	170.10	
Remarks:	A Reimbursement									
	Totals for vendor 12623									170.10 *
	Vendor number: 107 William Holt									
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	158.10	
Remarks:	August Reimbursement									
	Totals for vendor 107									158.10 *
	Vendor number: 14739 William Kelly									
	70-10196-488-000000	MEDICAL REIMBURSEMENT	2022	44795	0	0	N	08/22/22	148.50	
Remarks:	August Reimbursement									

Cash Requirements

Account Number	Description	Fiscal Year	Invoice Number	PO Number	PO Item Number	Spc Addr Inv	Payment Date	Item Value With Freight	
Totals for vendor 14739									148.50 *
Totals for fund 70									11,279.38 **
Grand totals									296,258.07 ***

*** End of Report ***

BOARD OF COMMISSIONERS REGULAR PUBLIC MEETING

AGENDA ITEM

October 13, 2022	FC-02-101322	FISCAL IMPACT
DATE	*AGENDA ITEM NUMBER*	Cost > $10,000
		Yes ☐ No ☑
Finance		PUBLIC BID REQUIRED
DEPARTMENT		Cost > $20,100
		Yes ☐ No ☑

AGENDA ITEM:

The Hartford - Life and Disability Insurance

EXECUTIVE SUMMARY:

The Township of Abington maintains life and disability insurance for full-time employees. Currently, the Township is insured with Boston Mutual and the policies are set to renew and increase rates on November 1, 2022. William Pollock, as broker, sought price quotes from multiple insurance companies. The Hartford quote effective for 11/1/2022 would decrease Township costs approximately $5,000 per month from the Boston Mutual rates set for November 1, 2022. The rates are guaranteed for 3 years. The insurance policies remain the same with only slight modifications to age reduction factors, which is a positive change. The quote with The Hartford will only remain valid until October 15, 2022.

PREVIOUS BOARD ACTIONS:

September 11, 2014 the Board of Commissioners approved a motion to authorize proper Township officials to enter into a contract with Boston Mutual to provide disability and life insurance policies.

RECOMMENDED BOARD ACTIONS:

Consider a motion to select The Hartford as the Life and Disability Insurance provider for the Township effective November 1, 2022.

TOWNSHIP OF ABINGTON

Finance Department

Jeannette M. Hermann
Finance Director

MEMORANDUM

To: Richard J. Manfredi
From: Jeannette M. Hermann
Date: September 2, 2022
Subject: The Hartford – Life and Disability Insurance

The Township of Abington maintains life and disability insurance for full-time employees. Currently, the Township is insured with Boston Mutual and the policies are set to renew and increase rates on November 1, 2022. William Pollock, as broker, sought price quotes from multiple insurance companies.

The Hartford quote effective for 11/1/2022 would decrease Township costs approximately $5,000 per month from the Boston Mutual rates set for November 1, 2022. The rates are guaranteed for 3 years. The insurance policies remain the same with only slight modifications to age reduction factors, which is a positive change.

The quote with The Hartford will only remain valid until October 15, 2022. I kindly ask you to consider this request and advise as to next steps.

A Proposal of Employee Benefits from The Hartford for the U.S. Employees of

Township of Abington

Life and Long Term Disability Insurance

Presented by:

William Pollock

Proposal valid until October 15, 2022

THE HARTFORD

Basic Employee Life

Class Description(s):
Class 1: All Full-time Active Employees who are Uniformed Police
Full Time Eligibility: 30 hours per week
Class 2: All Full-time Active Employees who are Uniformed DROP Employees
Full Time Eligibility: 30 hours per week
Class 3: All Full-time Active Employees who are Non-Uniformed Employees
Full Time Eligibility: 30 hours per week
Class 4: Retired Employees who are Non-Uniformed Employees
Retiree Eligibility: whose age plus years of service equals at least [ ]

Feature	Description
Benefit Schedule	Class 1, 2 - Flat $100,000 Class 3 - 2 times Earnings to a Maximum Benefit of $400,000 Class 4 - Flat $7,000
Minimum Benefit Amount	Class 3 - $10,000
Guaranteed Issue	Class 1, 2, 4 - Equal to Benefit Amount Class 3 - Flat $400,000
Benefit Reduction Schedule	Class 1, 2, 3 - 35% @ 70, and 50% of Orig @ 75* Class 4 - None
Continuity Of Coverage	Class 1, 2, 3 - Enhanced Class 4 - None
Life Disability Provision	Class 1, 2, 3 - Premium Waiver to Normal Retirement Age if Disabled Prior to 60 Class 4 - Not Applicable
Premium Waiver Elimination Period	Class 1, 2, 3 - 9 Months
Living Benefit Option (Accelerated Benefit)	12 Months Life Expectancy, 80% of Benefit (Total Basic and/or Supplemental Acceleration may never exceed $500,000)
Life Portability Option	Class 1, 2, 3 - Portability Prime Including Accidental Death Class 4 - Not Included
EE Port Maximum Amount	Class 1, 2, 3 - $250,000
EE Port Guaranteed Issue	Class 1, 2, 3 - $250,000
Conversion	Included
Military Leave Of Absence Continuation	12 Weeks
Employee Contribution	Non-Contributory
Participation Requirement	100% of Eligible Employees
Initial Rate Guarantee Period	3 Years

Rate Summary

Coverage Category/Class	No of Lives	Rate Basis	Volume	Monthly Premium
LIFE /Class 4	53	$0.98 Per $1,000 Employee	371,000	$363.58
LIFE /Composite	252	$0.145 Per $1,000 Employee	33,115,592	$4,801.76

*Reminder - Compliance with ADEA is the responsibility of the Employer. Please consult your legal counsel to determine if this schedule complies with ADEA guidelines.

Long Term Disability
Core Benefit

Class Description(s):
Class 1: All Full-time Active Employees who are Uniformed Police
Full Time Eligibility: 30 hours per week
Class 2: All Full-time Active Employees who are Non-Uniformed Employees
Full Time Eligibility: 30 hours per week

Feature	Description
Benefit Percentage	50%
Maximum Monthly Benefit	$8,000
Minimum Monthly Benefit	Greater of $100 or 10%
Elimination Period	180 Days
Benefit Duration	ADEA 1 with Social Security Normal Retirement Age*
Definition Of Disability	2 Years Own Occupation
Earnings Loss during Elimination Period	Required
Return To Work Incentive Applies	Yes
Integration Method	Direct
Social Security Offset	Family
Pre-Existing Condition Limitation	Look-back/Insured 3/12 months
Takeover Provision	No Loss/No Gain
Mental Illness Limitation	24 Month Outpatient
Substance Abuse Limitation	24 Month Outpatient
Specified Condition Limitation	24 Month Limitation
Family Care Credit	Included
Workplace Modification Benefit	Included
Rehabilitation Participation Requirements	Included
Recommended Treatment Requirements	Included
Survivor Income Benefit Option	3 Times Last Monthly Net Benefit
Employer Participates In Worker's Compensation	Yes
Employee Contribution	Non-Contributory
Participation Requirement	100% of Eligible Employees
FICA Match Service	Included
Initial Rate Guarantee Period	3 Years

Rate Summary

Coverage Category/Class	No of Lives	Rate Basis	Volume	Monthly Premium
LTD /Composite	246	$0.20 Per $100 Of Covered Salary	1,900,889.38	$3,801.78

*Reminder - Compliance with ADEA is the responsibility of the Employer. Please consult your legal counsel to determine if this cutback schedule complies with ADEA guidelines

Long Term Disability
Buy Up

Class Description(s):
Class 1: All Full-time Active Employees who are Uniformed Police enrolled in Buy Up
Full Time Eligibility: 30 hours per week
Class 2: All Full-time Active Employees who are Non-Uniformed Employees enrolled in Buy Up
Full Time Eligibility: 30 hours per week

Feature	Description
Benefit Percentage	60%
Maximum Monthly Benefit	$8,000
Minimum Monthly Benefit	Greater of $100 or 10%
Elimination Period	180 Days
Benefit Duration	ADEA 1 with Social Security Normal Retirement Age*
Definition Of Disability	2 Years Own Occupation
Earnings Loss during Elimination Period	Required
Return To Work Incentive Applies	Yes
Integration Method	Direct
Social Security Offset	Family
Pre-Existing Condition Limitation	Look-back/Insured 3/12 months
Takeover Provision	No Loss/No Gain
Mental Illness Limitation	24 Month Outpatient
Substance Abuse Limitation	24 Month Outpatient
Specified Condition Limitation	24 Month Limitation
Family Care Credit	Included
Workplace Modification Benefit	Included
Rehabilitation Participation Requirements	Included
Recommended Treatment Requirements	Included
Survivor Income Benefit Option	3 Times Last Monthly Net Benefit
Employer Participates In Worker's Compensation	Yes
Employee Contribution	Contributory
Enrollment Type	Traditional EOI (Annual Enrollment)[2]
Participation Requirement	72% of Eligible Employees
FICA Match Service	Included
Initial Rate Guarantee Period	3 Years

Rate Summary

Coverage Category/Class	No of Lives	Rate Basis	Volume	Monthly Premium
LTD /Composite	178	$0.15 Per $100 Of Covered Salary	1,394,559.88	$2,091.84

*Reminder - Compliance with ADEA is the responsibility of the Employer. Please consult your legal counsel to determine if this cutback schedule complies with ADEA guidelines

[2] Assumes a scheduled enrollment period and standard evidence of insurability requirements apply for late entrants (employees who were previously eligible for coverage who did not enroll within 31 days of the date they were initially eligible) and for increases in coverage.

Qualifications and Assumptions

With this rate structure the employer may be electing to partially support employer paid coverages with the rate for the employee paid coverages. This means that premiums paid for one coverage may cover the cost of another coverage under the Plan. When we quote rates with such partial support between the employee paid and employer paid coverages we do so with the understanding that the employer and employee coverages are part of a single ERISA plan sponsored by the employer and that the employer has determined that the rate structure is consistent with information provided to employees and with its ERISA obligations. If this understanding is not accurate, please contact us.

Age Reduction: The employer is responsible for making sure that the offer of insurance to employees under its Benefit Plans complies with the Age Discrimination in Employment Act (ADEA). This quote may include reduced coverage for older workers based on age reduction tables. The Hartford offers a variety of age reduction tables so employers can choose the ones that work best in their Benefit Plans. Please consult your legal counsel to determine whether ADEA applies to your Benefit Plans and, if so, whether your Benefit Plans comply with ADEA and other applicable laws.

The following are the qualifications upon which this proposal is based.
Our quote is contingent upon receipt of:

General:
1. Hartford will require a copy of in force booklets prior to sale of this proposal

All missing information must be received prior to the quote "valid until date" listed on the cover of this proposal. The quote will not be binding until all the missing information is received, reviewed, and approved in writing by The Hartford.

The following are assumptions upon which this proposal is based:

1. The effective date of this case will be November 1, 2022.
2. Proposal and rates are valid until October 15, 2022.
3. Rates assume a SIC code of 9111.
4. Quote assumes a Situs State of PA. Hartford standard filed contract language applies unless approved in advance by Underwriting. State filings or specially drafted contract language is not assumed in the quoted rates.
5. Assumes a fully insured, non-participating, non-dividend eligible funding arrangement, unless otherwise specified.
6. Assumes employees must be actively-at-work on the effective date and the deferred effective date provision applies.
7. The enrolled census information must include coverage election amounts, and be within 10% of the census data used to develop this quote.
8. The Hartford reserves the right to re-price:
    - if the sold plan design differs from the proposed/quoted plan design
    - for changes in State or Federal Insurance regulations
    - if a material misstatement of the information provided in the RFP, bid specifications, claim experience, or plan of benefits is discovered post-sale
    - if the quoted minimum enrollment threshold is not met

9. The Hartford reserves the right to change the plan to comply with state mandated benefits, including charging additional premium for such changes, if applicable.
10. If any contributory lines of coverage are sold, a 45-day Grace Period will apply to all lines of coverage. If only non-contributory lines of coverage are sold, a 31-day Grace Period will apply.
11. The Minimum Life Benefit stated represents the minimum benefit before the application of Age Reduction Provisions.
12. Assumes Military Leave of Absence is 12 weeks, applicable to Disability coverage only.
13. Assumes Military Leave of Absence is 12 months, applicable to Life coverage only.
14. The Hartford assumes no liability to extend coverage under severance agreements unless reviewed and approved by underwriting in advance.
15. Contract language and standard benefits approved by The Hartford will be used for all insured contract and employee booklet communication material.
16. The Disability definition of earnings includes Base Annual Earnings, Pre-Disability Earning and Definition of Earnings. Overtime pay and target income is not included.
17. The Hartford's standard policyholder reporting package and frequency applies.
18. Quoted rates are based on all coverage lines being sold as a package.
19. We assume all eligible employees are U.S. citizens or U.S. residents, working in U.S. locations or are Accepted International Employees.
    Accepted International Employees are:
    - U.S. Expatriates (U.S. citizens employed by a U.S. company, who live and work outside the U.S. on temporary assignment) or
    - Third Country Nationals (non–U.S. citizens employed by a U.S. company and who work in a country other than their own) or
    - Canadian Local Nationals (Canadian citizens working in Canada),

    who have met the full time eligibility requirements, are paid on the U.S. payroll, and do not work in countries subject to sanctions programs administered by the US Department of the Treasury's Office of Foreign Assets Control (OFAC), Afghanistan, Algeria, Chad, Chechnia, Columbia, Democratic Republic of Congo, Iraq, Israel, Saudi Arabia, Somalia, Sudan (South of lat.10 deg. North), Japan, Russia, Philippines, Indonesia or the Canadian provinces of British Columbia, Manitoba, Newfoundland/Labrador, Northwest Territories, Nunavut, and Saskatchewan.
20. We assume the company has been in business for at least 2 years. If otherwise, additional underwriting approval will be required prior to sale.
21. Assumes claims incurred prior to the effective date of the contract will be the liability of the prior carrier.
22. Employees are required to complete Hartford Enrollment forms. All others must be approved by underwriting in advance.
23. Employees are required to complete Hartford Beneficiary designation forms. All others must be approved by underwriting in advance.
24. Late entrants are required to provide Evidence of Insurability to enter into the plan at any coverage level/amount, unless otherwise noted.
25. All enrollment materials, which include enrollment forms and brochures, must be reviewed by Underwriting prior to the enrollment date. This includes material prepared by The Hartford or any other source.
26. Assumes the plan of benefits is subject to ERISA regulations.
27. Quote assumes 1 Contract/Booklet, 1 Bill Unit, and 1 Experience Unit.
28. The Disability Core/Buy-up billing methodology assumes premium payment from first dollar of covered salary for both the Core and Buy-up plans, unless otherwise specified.
29. The employer pays the cost of Non-Contributory Long Term Disability coverage on a pre-tax basis.
30. LTD Employee contributions are on a post-tax basis.

Deviations

Our proposal reflects our standard product and, consequently, may deviate from the features and/or plan designs that you requested. Accordingly, please review our proposal carefully, as we have not identified specific areas where our proposal deviates from your request. Please note that this proposal does not constitute a final offer or agreement, and it is only a summary of the benefits offered to your company.

The rates and costs shown in this proposal are based on the information provided. Rates may be affected by the actual enrollment (and transferred business information) provided. Please consult with the Producer regarding all terms and conditions in this proposal.

Please note the following descriptions that further explain some of our benefits and features. The descriptions are based on our Standard Language. The benefits shown below are available in most states, however, please be aware that state variations may apply.

General:

Customer Support and Online Self-Service Capabilities

We're committed to providing best-in-class service to our customers and their employees. That's why we offer online capabilities designed to save time and make it easier to manage your group benefits.

Employer Portal
Our employer portal is a secure, mobile-responsive site where employers can quickly obtain plan information and transact business to help reduce administrative burden. We continually work to enhance the site's capabilities to make it more responsive to your needs. Through our portal, you are able to access such features as:

- Electronic billing
- Reports (available in either PDF or Excel)
- Medical underwriting status for evidence of insurability
- Claim status inquiry
- Booklets
- Administration kits with forms specific to your coverage(s)

Employee Portal
Our employee portal is a secure, mobile-responsive site where employees can manage their claims, payment information and more. Your employees can access this site at any time to:

- Submit disability claims and leave of absence requests.
- View claim and payment status.
- Check their medical underwriting status for evidence of insurability.
- File an STD claim in place of telephonic submission (if your plan offers this coverage).
- Start an LTD claim.
- Upload and view documents from mobile or desktop.
- Registered users can access forms specific to your plan's coverage(s).
- Obtain information on coverage overviews and frequently asked benefit questions.
- Enroll in direct deposit for their claim payments.
- Manage their preference for alerts/notifications – email and text.

Additional Support from our Customer Solutions Center
Questions or services that cannot be handled online can be addressed by our Customer Solutions Center. Our skilled representatives, who are familiar with your case, are available Monday through Friday from 8 a.m. to 8 p.m. EST at 1-800-523-2233 and provide support to new and existing customers.

Local Service Representatives
If our Customer Solutions Center representatives can't assist you with your request, they'll be glad to put you in touch with a local service representative.

Life:

Common Notice

When employees are Disabled, our Waiver of Premium benefit allows them to continue their life insurance coverage without premium payment. In addition, we provide a value-added service called Common Notice. This service initiates a Life Waiver of Premium claim at the appropriate time when an insured employee is receiving benefits under a disability plan provided by The Hartford. Common Notice eliminates the need to file a separate life Waiver of Premium claim, which helps ensure an employee's group life protection is maintained during a Disability.

Living Benefit Option (Accelerated Benefit)

The Living Benefits Option (LBO) allows the employee to elect to receive an accelerated payment of a portion of the life insurance benefit when a covered person (may include employee or employee and dependent) is diagnosed as terminally ill with a 12 Months life expectancy. The employer determines applicable life expectancy and whether the benefit applies to dependent coverage.

We will pay up to 80% of the terminally ill individual's Group Term Life benefit as long as he or she has a minimum life coverage amount of $10,000 and has not exceeded the maximum age, if any, described in the contract. LBO pays a minimum of $3,000 and a maximum of $500,000. Accelerated funds are paid to the employee with no restrictions on how they may be used; the remaining death benefit is then payable to the beneficiary.

Portability Prime Including Accidental Death

Portability allows employees to continue voluntary and/or basic life insurance protection for themselves and their families when the employee changes jobs. Portability Prime Including Accidental Death is included at no additional cost to the Employer. Terminated employees who elect Portability pay for the cost of this benefit.

Offered at group rates, this is an affordable way for many terminating employees to continue to be protected with life insurance. A medical exam may be required. The employee may elect coverage continuation equal to 100 percent, 75 percent, or 50 percent of their current life insurance, subject to an overall maximum of $250,000, or employee plan max benefit. Continued coverage of spouse and dependent children is also available, subject to maximum amounts of $50,000 and $10,000 respectively. This Portability option is available to terminating employees who have not reached age 85. Coverage may continue to age 99 with a reduction at age 65, 70, 75 to 35 percent and age 80,85,90,95 to 25 percent of the original amount.

* The Basic Life Portability maximum is displayed if offered on both Basic Life and Supplemental Life.

Safe Haven

The Hartford's Safe Haven program is available for group life or accidental death claims(s) of $10,000 or more, which are payable to a single beneficiary or multiple beneficiaries. The proceeds will be distributed through the program in lieu of a lump sum check for the full death benefit amount. Lump sum checks will be provided where legally required.

Safe Haven is intended to provide customers with a convenient means for paying immediate needs. This allows the beneficiary time to decide how to use the remaining balance of their insurance proceeds during a time when making financial decisions may be difficult. Proceeds are available to use right away to pay bills, make purchases, receive cash, reinvest or make other financial transactions. Here's how it works:

- The beneficiaries can write as many drafts each month as they wish, at anytime and for any reason - just as they might write a check.
- The draft book can be used immediately for any expenses the beneficiaries incur and in any dollar amount - up to and including the full balance, plus interest.
- Interest on the proceeds are compounded daily and credited to the account the last day of each month. The interest rate is determined by The Hartford. For interest earned equal to $10 per year or greater, a form 1099-INT will be provided annually.
- For accurate reporting, statements summarizing activity are mailed quarterly, or monthly if a new transaction other than earned interest posts to the account.
- The Safe Haven Program does not charge any fees against the account.

A Hartford Life Care Advocate will contact the beneficiary at point of claim to provide information regarding our Safe Haven program. If benefits are payable at time of initial claim review, the Life Care Advocate will advise of the benefit amount and expected delivery date, alleviating a major stress point. If a beneficiary has questions or concerns a Life Care Advocate is available to assist and provide their expertise.

With Safe Haven, insurance proceeds are held in our general account and payments are based on the claims-paying ability of Hartford Life and Accident Insurance Company. The Hartford will earn investment income on Safe Haven assets. The difference between the investment income earned on the Safe Haven assets and the interest credited to customers participating in the Safe Haven program will provide Hartford with a profit and cover expenses we incur. The Hartford in its sole discretion determines the credited interest rate.

Safe Haven is not intended to be a long-term investment vehicle. Safe Haven is not a bank account and as such,Safe Haven assets are not insured by the Federal Deposit Insurance Corporation. Nor are they backed or guaranteed by any federal or state government agency.

THE HARTFORD

Life Disability Provision

Premium Waiver to Normal Retirement Age, if Disabled Prior to Age 60

Any covered employee who becomes Disabled before age 60 is eligible for continued employee life insurance, without payment of premium, while the employee remains continuously Disabled. Premium is required until the employee is approved for coverage. Once approved, premium will be waived and coverage will be continued until Normal Retirement Age while the employee remains Disabled.

Employees are considered Disabled if they are prevented by injury or sickness from doing any work for which they are, or could become, qualified by education, training or experience. If Living Benefit Option is included, employees will also be considered Disabled if they meet the definition of Terminally Ill in the certificate.

Life Disability Provision

Retirees

Premium Waiver is not available to Retirees.

Enhanced Employee Continuity of Coverage

This language addresses concerns about employees losing coverage in takeover situations simply because the carrier changes. It is available when we are replacing a policy with Premium Waiver. Enhanced Continuity of Coverage extends coverage to employees who were insured under the prior policy on the day before our Policy Effective Date, whether or not they were actively at work on that last day.

Coverage under this provision continues until the first of the following,

- The date the employee returns to work as an Active Full-Time Employee;
- The last day of a 12-month period following our Policy Effective Date;
- The last day the employee would have been covered under the prior policy had the prior policy not terminated; or
- The date insurance terminates for one of the reasons stated in the Termination Provisions.

The Amount of Coverage provided is equal to,

- The lesser of the amount under the prior policy or the amount under our policy
- Reduced by any amount in force, paid or payable under the prior policy; or which would have been payable if timely election had been made.

Long Term Disability:

Definition of Disability

The Hartford's enhanced Ability Long Term Disability contract is built on the Hartford's *Ability* philosophy, a belief in the desire of disabled employees to lead active, independent lives.

Definition of "Disability"

In order to be considered Disabled, a claimant must have both a loss of earnings and the inability to perform his or her Essential Duties. A claimant is able to satisfy each requirement with only a partial loss of earnings and the inability to perform one or more Essential Duties. Total Disability is not required. Disability Benefits are payable when the claimant has both a loss of earnings and a "duties loss" for the duration of the Elimination Period.

Benefit Calculation

The benefit calculation is based on the Monthly Income Loss, which is the difference of the employee's pre-disability earnings less the current monthly earnings. The Monthly Benefit will not be less than the Minimum Monthly Benefit, if one is applicable. This calculation takes into account any income that the employee may earn while still meeting the definition of disability, and eliminates the need for additional benefit calculation methods such as partial and residual. If an overpayment occurs, we may recover all or any portion of an overpayment by reducing or withholding future benefit payments, including the Minimum Monthly Benefit.

Benefit Duration

The Benefit Duration is the maximum time for which we pay benefits. Depending on the schedule selected and the age at which disability occurs, the maximum duration may vary.

Age Disabled	Benefits Payable – Elimination period greater than or equal to 180 days - 1B
Prior to Age 63	To Normal Retirement Age or 42 months if greater
Age 63	To Normal Retirement Age or 36 months if greater
Age 64	30 months
Age 65	24 months
Age 66	21 months
Age 67	18 months
Age 68	15 months
Age 69 and over	12 months

Normal Retirement Age means the Social Security Normal Retirement Age as stated in the 1983 revision of the United States Social Security Act. It is determined by the date of birth as follows:

Year of Birth	Normal Retirement Age
1937	65
1938	65 + 2 months
1939	65 + 4 months
1940	65 + 6 months
1941	65 + 8 months
1942	65 + 10 months
1943 thru 1954	66
1955	66 + 2 months
1956	66 + 4 months
1957	66 + 6 months
1958	66 + 8 months
1959	66 + 10 months
1960 or after	67

Family Care Benefit

This benefit is available to help a claimant with family care expenses while he or she is participating in a rehabilitation program. The allowable expenses are treated as a deduction from earnings for purposes of calculating the monthly benefit payable. The maximum monthly family care credit allowed for each qualifying child or family member is $350 during the first 12 Months of the rehabilitation program and $175 thereafter, not to exceed $2500 in a calendar year. The benefit is built into the coverage at no additional cost, and is designed to decrease as the employee's earnings increase.

Job Offered but Refused

In determining benefits payable, the amount of potential income from a job offered by the employer, or another employer, will be considered as earned income, even if the offer is refused. This encourages claimants to utilize return-to-work opportunities.

Pre-existing Condition Limitation

This limitation applies to conditions for which an employee receives medical services within 3 months of the effective date of coverage. No benefits are payable for a disability resulting from such a condition until the employee has been covered for 12 consecutive months. In addition, the amount of a benefit increase, which results from a change in benefit options, a change of class or a change in the Plan, will not be paid for any Disability that is due to, contributed to by, or results from a Pre-Existing condition.

Note: This limitation does not include "prudent person" language, which is difficult to administer and can be unfair.

Recommended Treatment Requirement

Benefit payments will terminate if the claimant refuses to receive recommended treatment that is generally acknowledged by physicians to cure, correct or limit the disabling condition. This language also encourages claimants to participate in programs and treatments that can help them return to work and achieve independence. (This is not applicable in New Jersey.)

Rehabilitation Participation Requirement

Benefit payments will terminate if the claimant:

- refuses to participate in a rehabilitation program (not applicable in CA or NJ);
- refuses to cooperate with or try modifications made to the work site or job process, or adaptive equipment or devices designed to accommodate the claimant's identified medical limitations and enable the claimant to perform the essential duties of his/her or any occupation. A qualified physician must also agree that specific modifications or adaptive equipment accommodates the claimant's medical limitations.

This language encourages claimants to take advantage of the programs and resources offered to them whenever appropriate to help them return to active, productive, independent lives.

Return to Work

This incentive allows employees who return to work while disabled to receive up to 100% of pre-disability earnings for the first 12 months after they return to work. This encourages employees to return to full-time work as soon as possible.

Any Occupation Earnings Test

When the Disability Definition moves to the Any Occupation definition, The Hartford will base the determination of Disability on the claimant's ability to work in an occupation that matches his or her education, training or experience and also has an earnings potential equal to or greater than the product of his or her Pre-disability Earnings and the Disability Benefit percentage (or equal to or greater than the Maximum Monthly Benefit, if lower).

Survivor Income Benefit

If an employee dies while receiving disability benefits, a benefit will be paid to the spouse or child(ren) of the employee. This is a way of providing eligible survivors with valuable financial help when the loss of the insured family member occurs.

Workplace Modification

Workplace Modification provides reimbursement to the employer for the expense of reasonable modifications made to a workplace to accommodate an employee's disability and return him/her to active full-time employment.

Self-Reported or Subjective Illness Limitations

This Hartford LTD contract contains contract wording to limit certain specified conditions, including self-reported and subjective illnesses. The types of conditions that are limited are chemical and environmental illnesses, chronic fatigue illnesses, musculoskeletal and connective tissue illnesses, self-reported symptoms not attributed to a specific diagnosis, and other specified diagnosis.

We do not include "prudent person" wording in our definition of what constitutes a pre-existing condition, as this is a highly subjective measurement.

FICA Match Service

The Hartford will match and pay a Long Term Disability policyholder's share of FICA taxes on benefits paid to disabled employees. We will also prepare all necessary Long Term Disability W–2 forms at year–end.

Guarantee Issue
The Guarantee Issue level is the maximum benefit available without Evidence of Insurability. The Guarantee Issue level applies to all eligible employees who properly enroll for coverage within 31 days after becoming eligible.

Additional Services:

Life Additional Services:

Funeral Concierge Services[1]A service that helps guide employees through key decisions before a loss, including help comparing funeral-related costs. After a loss, this service includes family advocacy and professional negotiation of funeral prices with local providers-often resulting in significant financial savings. In addition, Express Pay is a service that provides Beneficiaries benefits within 48 hours. It honors Funeral Home assignments within 48 hours.

Estate Guidance®[2] **(online will preparation)** A service that helps employees protect their family's future by creating a customized and legally binding online will. Online support is also available from licensed attorneys, if needed.

Ability Assist®[2] **Counseling Services** Employees receive professional counseling for financial, legal and emotional issues, 24/7/365. Includes unlimited phone access and three face-to-face sessions per year. Services are also available to spouses and dependent children.

HealthChampion[SM2] **Health Care Support Services** A service that offers unlimited access to Benefit Specialists and nurses for administrative and clinical support to address medical care and claims concerns. Service includes: claim and billing support, explanation of benefits, cost estimates/fee negotiation, information related to conditions and available treatments, and support to help prepare for medical visits.

Beneficiary Assist®[2] Services that provide compassionate expertise to help employees or their loved ones cope with emotional, financial and legal issues that arise after a loss. Includes unlimited phone contact with professionals, as well as five face-to-face sessions*. Health Champion[SM] is available for those employees that are terminally ill.

Beneficiary Management Online platform available 24/7 to support beneficiary designation and beneficiary updates, which is provided at no additional cost.

*California residents are limited to three prepaid behavioral health counseling sessions in any six-month period. Except for acute emergencies and other special circumstances, additional sessions for California employees are available on a fee-for-service basis.

[1] Funeral Concierge Services are offered through Everest Funeral Package, LLC (Everest). Everest is not affiliated with The Hartford and is not a provider of insurance services. Everest and its affiliates have no affiliation with Everest Re Group, Ltd., Everest Reinsurance Company or any of their affiliates.

[2] EstateGuidance®, Ability Assist®, Beneficiary Assist® and Health Champion[SM] services are provided through The Hartford by ComPsych®, the largest provider of employee assistance programs, managed behavioral health, work/life and crisis intervention services. For more information on ComPsych, visit www.compsych.com. ComPysch is not affiliated with The Hartford and is not a provider of insurance services.

The Hartford is not responsible and assumes no liability for the goods and services described in this material and reserves the right to discontinue any of these services at any time. Services may vary and may not be available in all states. Visit

https://www.thehartford.com/employee-benefits/value-added-services for more information.

Ability Assist®

Ability Assist®[1] Counseling Services Employees receive professional counseling for financial, legal and emotional issues, 24/7/365. Includes unlimited phone access and three face-to-face sessions per year. Services are also available to spouses and dependent children.

HealthChampion℠[1] Health Care Support Services A service that offers unlimited access to Benefit Specialists and nurses for administrative and clinical support to address medical care and claims concerns. Service includes: claim and billing support, explanation of benefits, cost estimates/fee negotiation, information related to conditions and available treatments, and support to help prepare for medical visits.

Enhanced Ability Assist®[1] Option
This option is available for employees and their dependents not covered or enrolled in The Hartford's Disability program(s). Services can be provided to these employees for an additional fee of $0.84 per employee per month.

Ability Assist and Health Champion disclosures: Services are offered through The Hartford, however, all services are provided by ComPsych. Neither ComPsych nor Hartford is responsible or liable for care or advice rendered by any referral resources. All benefits are subject to the terms and conditions of the policy.

[1]Ability Assist® , Enhanced Ability Assist®, and Health Champion℠ are offered through The Hartford by ComPsych®. ComPsych is not affiliated with The Hartford and is not a provider of insurance services.

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Travel Assistance and Identity Theft Support Services

Travel Assistance and Identity Theft Support Services[1,2]

The best laid travel plans can go wrong, leaving travelers vulnerable and potentially unable to find the right help. When the unexpected happens far from home, it's important to know whom to call for assistance. The Hartford offers Travel Assistance services when traveling more than 100 miles from home and for 90 days or less. Services include:

• Medical assistance: world-wide medical referrals, medical monitoring, prescription transfer, replacement of medical devices & corrective lenses and much more.

• Emergency transports: medical repatriations & evacuations, repatriations of mortal remains and much more.

• Other travel services: pre-trip information, lost luggage/document assistance, legal referrals and much more.

Identity Theft Support services provide 24/7/365 assistance that includes education on how to prevent theft and help on the steps to take once a theft has occurred. To determine if theft has occurred, caseworkers will assist with reviewing credit information. If theft has occurred, caseworkers will assist with notifying the major credit bureaus, assist with completing an identity theft affidavit, help with replacing credit/debit cards and more.

[1]Travel Assistance and Identity Theft Support services are offered through a vendor which is not affiliated with The Hartford. These services are not insurance. The Hartford is not responsible and assumes no liability for the goods and services described in this material and reserves the right to discontinue any of these services at any time. Services may vary and may not be available in all states.

[2]These services are only offered with The Hartford's Life and Long-term Disability insurance contracts.

The Hartford® is The Hartford Financial Services Group, Inc. and its subsidiaries, including underwriting companies Hartford Life and Accident Insurance Company and Hartford Fire Insurance Company. Home Office is Hartford, CT. All benefits are subject to the terms and conditions of the policy. Policies underwritten by the underwriting companies listed above detail exclusions, limitations, reduction of benefits and terms under which the policies may be continued in force or discontinued. This proposal explains the general purpose of the insurance described, but in no way changes or affects the policy as actually issued. In the event of a discrepancy between this proposal and the policy, the terms of the policy apply. Complete details are in the Certificate of Insurance issued to each insured individual and the Master Policy as issued to the policyholder. Benefits are subject to state availability.

This proposal includes a quote(s) for one or more products, which are issued on the following forms: Accident Form Series includes GBD-2000, GBD-2300, or state equivalent. Accidental Death and Dismemberment Form Series for all states except PR, WA and CA includes GBD-1000 and GBD-1300, or state equivalent, and in PR, WA and CA Form 7582 and Form PA-5427, or state equivalent. Critical Illness Form Series includes GBD-2600, GBD-2700, or state equivalent. Disability Form Series includes GBD-1000, GBD-1200, or state equivalent. Life Form Series includes GBD-1000, GBD-1100, Z-PORT, or state equivalent. Hospital Indemnity Form Series includes GBD-2800, GBD-2900, or state equivalent.

Township of Abington

Class	**Life Insurance**
1. Active, Full-time Uniformed Police	$100,000
2. Active, Full-time Uniformed DROP employees	$100,000
3. Active, Full-time Non-Uniformed Employees	2 x earnings to a maximum of $400,000 insurance.
4. Non-Uniformed retired	$ 7,000

Life insurance is reduced at older ages (but not Class 4). See policy and proposal for details.

Class	**Long Term Disability – Monthly Income Benefit**	
1. Active, Full-time Uniformed Police	Employer Core Plan	50% to $8,000.
2. Active, Full-time Non-Uniformed Employees	Employer Core Plan	50% to $8,000.
Class 1 and 2 (above)	Employee Buy-Up	to 60% to $8,000.

Police on DROP and Non-Uniformed retired are not eligible for Long Term Disability.

Estimated Enrollment	Basic Life	Retiree Life	L T D Core Plan	L T D Buy-Up
	252	53	246	178

Boston Mutual - 11/01/2022 Renewal

Coverage	Volume	Monthly Rate	Monthly Premium	Rate Guarantee
Basic Life Insurance	33,115,592	.15	$ 4,967	**1 year**
Retiree Life Insurance	371,000	.98	364	/
L T D – Core Plan	1,900,889	.418	7,946	/
L T D – Buy-Up	1,394,560	.20	2,789	/
Estimated monthly premium:			$16,066	

The **Hartford**

Coverage	Volume	Monthly Rate	Monthly Premium	Rate Guarantee
Basic Life Insurance	33,115,592	.145	$ 4,802	**3 years**
Retiree Life Insurance	371,000	.98	364	/
L T D – Core Plan	1,900,889	.20	3,802	/
L T D – Buy-Up	1,394,560	.15	2,092	/
Estimated monthly premium:			$11,060	

For a fair comparison of cost, the same estimated volumes were used above which were based upon the July, 2022 census.
Employee enrollment and the insured volumes can vary from month to month based on current enrollment.
The important point of comparison are the quoted monthly rates and the rate guarantee.

The above is intended only as an informal cost comparison. It is not a legal document.
Please review carefully the inforce policy materials and the insurance company proposal.

9/ 01/ 2022