Regular Governing Body Meeting
City of Rio Rancho
AGENDA
February 13, 2025
6:00 PM
Council Chambers

Governing Body Members

Greggory D. Hull, Mayor	Paul Wymer, Councilor District 4
Deb Dapson, Councilor District 1	Karissa Culbreath, Councilor District 5
Jeremy Lenentine, Councilor District 2	Nicole List, Councilor District 6
Bob Tyler, Councilor District 3	

Meeting Information
This meeting will be conducted in-person and virtually, as well as, streamed live on the City of Rio Rancho website at https://rrnm.gov/2303/Watch-and-Download-City-Meetings

Join by Computer: https://us06web.zoom.us/j/83338157719?pwd=ST55whY8GCTELqBoGjYG1ipM1F5Uer.1
Meeting ID: 833 3815 7719
Passcode: 554297

Join by Phone:
Dial +1 720 707 2699 US (Denver)

Pursuant to the Governing Body Rules of Procedures, any person wishing to address the Governing Body related to an item listed under Second Reading of Ordinances, First Reading of Ordinances, or Discussion and Deliberation, shall register in person with the City Clerk no later than fifteen (15) minutes prior to the scheduled start time of a meeting. No more than two (2) hours in total will be allotted for comments pertaining to a specific agenda item at any meeting. A majority vote of the Governing Body members present may approve to extend the total amount of time allotted for public input related to a specific agenda item at a meeting.

Public input can be submitted in writing to the City Clerk, as clerk of the Governing Body, prior to the date of the meeting in which the item is scheduled to be heard; however, only public input received before 4 p.m. on the day of the meeting will be entered into the record prior to the meeting.

Call to Order and Pledge of Allegiance

Proclamations and Awards of Merit

Public Forum
Pursuant to the Governing Body Rules of Procedure, any person wishing to address the Governing Body related to a non-agenda item shall register in person with the City Clerk no later than fifteen (15) minutes prior to the scheduled start time of a meeting. No more than two (2) hours in total will be allotted for public forum comments at any meeting. A majority vote of the Governing Body members present may approve to extend the total amount of time allotted for public forum at a meeting.

Comments by Councilors

Consent Calendar
There will be no discussion of these items unless a Governing Body Member so requests, in which event the item will be moved to a discussion item on the regular agenda.

1 Minutes of January 23, 2025 Regular Meeting
Minutes of January 23, 2025 Regular Meeting

2 R10, Resolution Authorizing the Donation of an Ambulance to the Grants Fire and Rescue Department
Resolution_R10
Letter to Rio Rancho Fire

3 R11, Resolution Approving the Public Works Department's Application for the New Mexico Department of Transportation (NMDOT) FY 2025-2026 Local Government Road Fund (LGRF) Cooperative Program
Resolution_R11
Map

4 R12, Resolution Decommissioning and Allowing for Disposal of Vehicles and Equipment
Resolution_R12
Exhibit A

5 R13, Resolution Authorizing Disposal of Library and Information Services Department Property
Resolution_R13
Exhibit A

6 D10, Appointment of Van Billops to the Investment Advisory Board
Billops Resume

7 D11, Appointment of David Jablonski to the Investment Advisory Board
Jablonski Resume

8 D12, Appointment of Kelly Wainwright to the Investment Advisory Board
Wainwright Resume

Boards/Commissions/Committee Reports

Public Hearings

9 D13, Site Plan Approval for a Medical Office Building at the Property Legally Described as The Village, Tract G4
Application
Agent Authorization
Map
Plans
Staff Comments
Reproduction of Notices

Second Reading of Ordinances

10 O1, Ordinance Amending Chapter 123 Regulations for Short-Term Rentals in the City of Rio Rancho
Ordinance_O1
Chapter 123 Municipal Code
M. Lowry Public Comment

11 O2, Ordinance Amending the Rio Rancho Code of Ordinance (R.O. 2003), Title XV Land Usage, Chapter 154 Planning and Zoning, Sections 154.10, 154.13, 154.19, and 154.43
Ordinance_O2
O22_Ch 123
O24_Ch 154
Notice

First Reading of Ordinances

12 O3, Ordinance Amending Chapter 96 Use of Public Right-of-Way
Ordinance_O3
Chapter 96 Fee Schedule Analysis
ROW Fee Calculator
ROW Comparison
City of Anaheim
Colorado Springs

Discussion and Deliberation

13 D14, Discussion Regarding Municipal Judge Salary Pursuant to Sections 34.02(B) (1-2) of Municipal Code

City Manager

Adjournment

CITY OF RIO RANCHO
COVER PAGE

Legislation Item:

AGENDA DATE:
February 13, 2025

DEPARTMENT:
City Clerk

SUBJECT:
Minutes of January 23, 2025 Regular Meeting

BACKGROUND AND ANALYSIS:

IMPACT:

ALTERNATIVES:

DEPARTMENT RECOMMENDATION:

ATTACHMENT: Minutes of January 23, 2025 Regular Meeting

Governing Body
of the
City of
Rio Rancho

MINUTES

JANUARY 23, 2025
6:00 p.m.
Council Chambers

MEMBERS PRESENT:	STAFF
Greggory D. Hull, Mayor	Matt Geisel, City Manager
Deb Dapson, Councilor Dist. 1	Josh Rubin, City Attorney
Jeremy Lenentine, Dist. 2(virtual)	Noel Davis, City Clerk
Bob Tyler, Councilor Dist. 3	Carol Jaramillo, Director of Financial Services
Paul Wymer, Councilor Dist. 4	Amy Rincon, Director of Development Services
Karissa Culbreath, Councilor Dist. 5	Connie Peterson, Director of Parks, Rec. & Comm. Services
Nicole List, Councilor Dist. 6	James DeFillippo, Fire Chief
	Stewart Steele, Police Chief
	Todd Carlson, IT Deputy Director
	Jamie Marrufo, Deputy Director of Public Works
	Yolanda Lucero, Deputy City Clerk

Call to Order and Pledge of Allegiance

Mayor Hull called the meeting to order at 6:00 p.m.

Proclamations and Awards of Merit

Public Forum

The following individuals spoke under this item:

Casey Robinson
Ken Todd

Comments by Councilors

Mayor Hull stated he will be moving R8 on the agenda, to be heard directly after the Boards and Commissions section, if there are no objections from City Council. There were no objections.

Consent Calendar

1) Minutes of January 9, 2025 Regular Meeting
2) R4, Resolution Authorizing the Disposal of Obsolete and Non-Working Equipment (Public Works Department)
3) R5, Resolution Authorizing a Budget Adjustment to the Recreation Development Fund (310)

DRAFT

4) R6, Resolution Authorizing the Disposal of Obsolete and Non-Working Equipment (Information Technology Department)
5) R7, Resolution Authorizing a Budget Adjustment to the State Appropriations Capital Fund (315)
6) D5, Appointment of Sharon Bouffard to the Senior Services Advisory Board
7) D6, Review and Approval of the City of Rio Rancho Title VI Plan

Deb Dapson moved to approve Consent Calendar. Seconded by Karissa Culbreath

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

Boards/Commissions/Committee Reports

Discussion and Deliberation

8.) R8, Resolution to Accept and Approve the Fiscal Year 2024 Audit Report

Carol Jaramillo, Director of Financial Services presented this item. The City of Rio Rancho is required to engage an independent public accounting firm (IPA) annually to perform an audit of the City's financial records. The audit must be submitted to the Office of the State Auditor no later than December 15, for the fiscal year ending the prior June 30. State law requires that the annual audit is presented by the IPA to the governing body of the entity at a public meeting. Further, the New Mexico Department of Finance and Administration requires that the audit as presented is accepted and approved by the governing body by resolution. This action and the associated presentation by the City's IPA, CliftonLarsenAllen, will satisfy both requirements.

Raul Anaya, CliftonLarsonAllen Wealth Advisor presented the Audit. The firm has issued an unmodified (“clean”) opinion on the City’s financial statements, as explained in the independent auditors’ report at the front of the Financial Section.

Karissa Culbreath moved to approve R8. Seconded by Bob Tyler

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

Public Hearings

9.) D7, Site Plan Approval for a Build-to-Rent Community on the Property Legally Described as Unit 10, Block 81, Lots 1-20

DRAFT

Amy Rincon presented this item. The applicant, requests Site Plan approval for a build-to-rent community on the lots legally described as Unit 10, Blk 81, Lots 1-20. The lots are zoned R-3: Mixed Residential. The Conditional Use Permit was heard and approved by the Planning and Zoning Board on October 22, 2024. Two variances were concurrently approved. The approved variances were for a 15 ft front setback instead of the Chapter 154 required 20 ft front setback, and for a 4 ft wall instead of the 6 ft high buffer wall required under the Unit 10 Overlay Zone Ordinance. Appeals were filed on all three items after the Planning and Zoning Board approvals. On January 9, 2025 the Governing Body heard the Conditional Use Permit de novo and approved the Conditional Use Permit upholding the Planning and Zoning Board's decision. The variances were scheduled to be heard a new at the same meeting, but the Appellant withdrew the appeals for the variances after the approval of the Conditional Use Permit. A site plan for the proposed project has been submitted and is included as an attachment. Staff recommends the Governing Body approve the applicant's request for Site Plan Approval with conditions of approval and findings of fact.

Bob Tyler moved to approve D7. Seconded by Karissa Culbreath

Ronald Wall, Developer and Ronald Bohannan, Engineer for the project were available to answer questions.

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

10.) D8, Approval for New Mexico Company Operations, LLC, DBA Sandia Shell, (the "Applicant") located at 7801 Carr Way, Rio Rancho, NM 87124 for transfer of New Mexico Dispenser License DIS-000382

Noel Davis, City Clerk presented this item. This application is for the transfer of ownership of NM Liquor License No. DIS-000382 with package sales at 7801 Carr Way, Rio Rancho, NM 87124. Staff recommends approval of the application as presented by the NM Regulation and Licensing Department.

Deb Dapson moved to approve D8. Seconded by Karissa Culbreath

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

11.) D9, Approval for New Mexico Company Operations, LLC, DBA Rio Rancho Shell, (the "Applicant") located at 4001 Sara Road, Rio Rancho, NM 87124 for transfer of New Mexico Dispenser License DIS-000495

DRAFT

Noel Davis presented this item. This application is for the transfer of ownership of NM Liquor License No. DIS-000495 with package sales at 4001 Sara Road, Rio Rancho, NM 87124. Staff recommends approval of the application as presented by the NM Regulation and Licensing Department.

Paul Wymer moved to approve D9. Seconded by Bob Tyler

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

Second Reading of Ordinances

First Reading of Ordinances

12.) O1, Ordinance Amending Chapter 123 Regulations for Short-Term Rentals in the City of Rio Rancho

Matt Geisel, City Manager presented this item. On October 10, 2024, the Governing Body of the City of Rio Rancho adopted Ordinance No. O22, establishing Chapter 123, Regulations for Short-term Rentals that:

- establish standards and procedures for the issuance of a permit to operate Short-term Rental Units within the City;
- require the permit holder to be a natural person, with a limit of two permits, per natural person;
- cap permits annually at one percent (1%) of the total housing units in the City, with current data yielding a permit availability of 420;
- impose occupancy limitations and a rental frequency limitation of once within a seven-day period.

Based on public comments heard during the first and second reading of the regulations, a workgroup was formed to further explore the impacts of the regulations. The workgroup, comprised of Mayor Hull, Councilor Tyler and Councilor Dapson, met with citizens negatively impacted by neighboring short-term rentals as well as short-term rental operators and advocates. The following amendments are recommended based on the feedback received by the workgroup. The amendments in the proposed ordinance will allow short-term rental operators to rent their short-term rental unit up to seven times per month or eight-four times per year, rather than once per seven days or fifty-two times per year, as previously provided. The amendment additionally removes the frequency limitation during each month of October, when the Albuquerque International Balloon Fiesta generates an increase in the need and desire for lodging accommodations within the City. The current regulations impose an overall permit cap of one percent of the total housing units in the City. The addition of a density limitation ensures that no single location in the City is disproportionately impacted by short-term rentals by requiring short-term rental units to be spaced at least one hundred feet apart.

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Deb Dapson moved to approve O1. Seconded by Bob Tyler

The following individuals spoke under this item

George Wilson
Casey Robinson

The motion carried by a vote of 5 FOR and 1 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Nicole List
NO: Karissa Culbreath

13.) O2, Ordinance Amending the Rio Rancho Code of Ordinance (R.O. 2003), Title XV Land Usage, Chapter 154 Planning and Zoning, Sections 154.10, 154.13, 154.19, and 154.43

Amy Rincon, Director of Development Services presented this item. Staff is requesting an amendment to the Rio Rancho Municipal Code, Title XV Land Usage, Chapter 154 Planning and Zoning, Sections 154.10, 154.13, 154.19, and 154.43. The requested amendment removes "Boarding and Lodging Houses" from the Governing Body has adopted regulations and standards for Short-Term Rentals by creating Chapter 123 "Regulations for Short-Term Rentals" on October 10, 2024. The Governing also adopted Ordinance No. 24, Enactment No. 24-24 on November 14, 2024, which added "Short-Term Rentals" as a permissive use in single-family residential zoning districts. Both adopted Ordinances are included in the attachments. The Planning and Zoning Board recommends the Governing Body finds that short-term lodging uses in residential zoning districts are now resulted under Chapter 123 and permitted in residential zoning districts in Chapter 154 under the "Short-Term Rental" listed permissive use. Chapter 154, Section 154.03 Definitions, lists "Boarding, Lodging House or Bed and Breakfast" as a singular use under Boarding House. These listed use types may be confusing as Boarding Houses, Lodging Houses, and Bed and Breakfast are three different types of lodging - both in duration and in services that may be provided. Due to this confusion with the listed use in Code and the potential commercial nature of this overarching use the Planning and Zoning Bard recommend approval at their January 14, 2025 meeting.

Karissa Culbreath moved to approve O2. Seconded by Deb Dapson

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

14.) R9, Resolution Adopting Fiscal Year 2025 Mid-Year Budget Adjustments

Carol Jaramillo, Director of Financial Services presented this item. The Mid-Year Budget review allows the City to adjust the fiscal year budget for changes in projected revenue and expenditure levels that may have occurred since the initial budget

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adoption. Revenue estimates have been adjusted to reflect additional one-time and recurring revenue sources. Additionally, all year-to-date revenue variances and trends are discussed with departments to determine where adjustments to revenue budgets may be needed. The 2025 Mid-Year Budget will increase the General Fund Ending Fund Balance of $2,053,749, bringing the fund's projected overall reserve level to 30.6 percent of expenditures. The Utilities Funds' budget adjustments decrease the projected Unreserved Ending Fund Balance by -$313,560, leaving the total Ending Fund balance of $11,451,820 million, a cash reserve level of 67 days. The capital reserve of $3,439,737 will remain unchanged. After adjustments, the level of fund balance will maintain adequate reserves for unanticipated expenditures that can occur with the operation of the water and wastewater utility system. Ms. Jaramillo highlighted the major changes.

Bob Tyler moved to approve R9. Seconded by Karissa Culbreath

The motion carried by a vote of 6 FOR and 0 AGAINST.
YES: Deb Dapson, Jeremy Lenentine, Bob Tyler, Paul Wymer, Karissa Culbreath, Nicole List
NO: None

Adjournment

7:06 p.m.

APPROVED THIS FEBRUARY 13, 2025

_____
Greggory D. Hull, Mayor

ATTEST:

_____
Noel Davis, City Clerk
(SEAL)

DRAFT

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: R10

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Fire and Rescue

SUBJECT:
R10, Resolution Authorizing the Donation of an Ambulance to the Grants Fire and Rescue Department

BACKGROUND AND ANALYSIS:
The Rio Rancho Fire and Rescue Department has an ambulance that was purchased in 2012 and used to respond to emergency calls as a first-out apparatus.

The ambulance has been used as a reserve unit for several years; however, the ambulance is no longer being utilized due to the purchase of newer ambulances being put into service.

The ambulance is due for disposal; however, the City of Grants Fire Chief has inquired about the possibility of acquiring the ambulance. A donation from one governmental entity to another governmental entity is permissible per State Statute.

The Rio Rancho Fire and Rescue Department would like to donate the ambulance since it has fully depreciated as a City asset. The disposal of personal property is governed by Section 3-54-2 (option B) NMSA 1978 requiring Governing Body approval for property that exceeds $2,500, and (option D), which addresses government to government transactions, including donations.

IMPACT:
The ambulance has increasing maintenance and repair costs, while at the same time, diminishing its time in service.

ALTERNATIVES:
Approve the Resolution.

Do not approve the Resolution.

DEPARTMENT RECOMMENDATION:
Staff recommends the approval of the Resolution.

ATTACHMENT: Resolution_R10
ATTACHMENT: Letter to Rio Rancho Fire

CITY OF RIO RANCHO
RESOLUTION

RESOLUTION NO. **ENACTMENT NO.**

RESOLUTION AUTHORIZING THE DONATION OF AN AMBULANCE TO THE GRANTS FIRE AND RESCUE DEPARTMENT

WHEREAS: the Rio Rancho Fire and Rescue Department has an ambulance from 2012 that has been replaced and is in reserve status; and

WHEREAS: the Rio Rancho Fire and Rescue Department wishes to donate the ambulance to the Grants Fire and Rescue Department; and

WHEREAS: the disposal of personal property is governed by Section 3-54-2, NMSA 1978 (B) requiring Governing Body approval for property that exceeds $2,500, and option (D) which address Government to Government transactions, including donations.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

That authorization is given to allow the donation of an Ambulance (Vin # 1FVACWDT6CHBT4575) from the City of Rio Rancho to the Grants Fire and Rescue Department.

ADOPTED THIS _____DAY OF _____, 2025.

_____
Greggory D. Hull, Mayor

ATTEST:

_____
Noel C. Davis, City Clerk
(SEAL)

Battalion Chief Brian Dolan
Rio Rancho Fire & Rescue
1526 Stephanie Rd
Rio Rancho, NM 87124

Subject: Gratitude for the Donation of Ambulance for City of Grants and Grants Fire & Rescue

Dear Battalion Chief Brian Dolan,

On behalf of the City of Grants and Grants Fire & Rescue, I would like to express our sincere gratitude to the City of Rio Rancho and Rio Rancho Fire & Rescue for your generous donation of an ambulance to our department. This additional backup unit will significantly enhance our ability to provide prompt and effective emergency services to our community.

We truly appreciate your support and collaboration in strengthening the resources available to our first responders. The donation of this ambulance will improve our response times and allow us to better meet the needs of our citizens, ensuring that we are better equipped to handle emergencies, especially in times of high demand.

Please extend our thanks to everyone involved in this donation, and know that your contribution will have a lasting impact on the safety and well-being of the City of Grants.

We look forward to continuing our partnership with the City of Rio Rancho and Rio Rancho Fire & Rescue, and we are grateful for your ongoing commitment to enhancing public safety.

Thank you again for your generosity.

Sincerely,

Andrew Valencia
City Manager
City of Grants

* Address: P.O. Box 879 Grants, NM 87020 * Phone: 505-287-7927 * Email: avalencia@grantsnm.gov

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: R11

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Public Works

SUBJECT:
R11, Resolution Approving the Public Works Department's Application for the New Mexico Department of Transportation (NMDOT) FY 2025-2026 Local Government Road Fund (LGRF) Cooperative Program

BACKGROUND AND ANALYSIS:
Each fiscal year the NMDOT, through the Local Government Road Fund, invites municipalities statewide to apply for Cooperative Program funds to help supplement local transportation programs. The NMDOT requires that the funding be utilized on projects that are part of a "public byway and are necessary for the public good and convenience to serve the public municipality."

The City of Rio Rancho's Public Works Department has selected projects for the application that are based on the current needs of the department and coincide with projects currently listed in the City's adopted ICIP or fall within routine maintenance schedules. The application requires that the Governing Body approves a Resolution supporting the project selection to the NMDOT for its consideration and review.

ADA Deficiency Remediation – Citywide

The City of Rio Rancho over the past several years has conducted ADA Compliance Inspections as part of its ADA Transition Plan for noncompliant transportation infrastructure. Part of this plan included identifying public infrastructure within City right-of-way that is not compliant with ADA standards. The City has the responsibility to program funding to correct the deficient infrastructure identified in this plan. This project will allow the City to continue performing deficiency remediation for pedestrian facilities.

The requested project amount is $100,000: $75,000 NMDOT LGRF grant and $25,000 local match.

ITS/Signal System Improvements – Broadmoor Blvd. from Northern Blvd. to High Resort Blvd.

The City's Traffic Section uses a traffic signal communications network to remotely access traffic signal controllers and closed-circuit television cameras (CCTVs), improve signal timing, and monitor health of traffic signals and operations. The Rio Rancho Emergency Operations Center and Rio Rancho Police Department also use the City's traffic signal communications network to manage traffic incidents. This project will expand the City's signal communications and CCTV network at three intersections along Broadmoor Blvd.: Broadmoor/Northern, Broadmoor/Loma Colorado, and Broadmoor High Resort. The project will add fiberoptic communications from the Northern/Broadmoor to Loma Colorado/Broadmoor and point-to-point radios will be installed at Loma Colorado/Broadmoor and High Resort/Broadmoor. CCTV Cameras, advanced traffic signal

controllers, and network switches are necessary for routing signal communications and CCTV streams from each intersection. The school zone and associated pedestrian crossing at Broadmoor/Stapleton for Ernest Stapleton Elementary School will also be enhanced with radar feedback signs that will provide drivers with information on their speed while entering the school zone. The radar feedback signs will be activated via the City's cellular school flasher network during morning and afternoon bells.

The requested project amount is $130,000: $97,500 NMDOT LGRF grant and $32,500 local match.

IMPACT:

The City of Rio Rancho will receive funds needed to support Americans with Disabilities Act (ADA) Deficiency Remediation and ITS/signal system improvements.

ALTERNATIVES:

Staff recommends approval for inclusion in the FY 2025-26 NMDOT Local Government Road Fund Cooperative Program grant application.

DEPARTMENT RECOMMENDATION:

Staff recommends approval of the Resolution.

ATTACHMENT: Resolution_R11
ATTACHMENT: Map

CITY OF RIO RANCHO
RESOLUTION

RESOLUTION NO. **ENACTMENT NO.**

RESOLUTION APPROVING THE PUBLIC WORKS DEPARTMENT'S APPLICATION FOR THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) FY 2025-2026 LOCAL GOVERNMENT ROAD FUND (LGRF) COOPERATIVE PROGRAM

WHEREAS: the New Mexico Department of Transportation (NMDOT) has solicited requests for applications from local governments for funding consideration; and

WHEREAS: the NMDOT has developed an application process whereby the City of Rio Rancho may submit an Application for Cooperative Grant Funding from the NMDOT for public projects; and

WHEREAS: the application requires that the Governing Body provide a Resolution supporting the project selection to the NMDOT for its consideration and review; and

WHEREAS: the total cost of the project will be $230,000.00 to be funded in proportional share by the parties hereto; and

WHEREAS: the City of Rio Rancho shall pay all costs, which exceed the total amount of $172,500.00 and provide a 25% match to any amount exceeding the amount requested.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

Section 1. That the project list submitted to the Governing Body, is hereby approved and confirmed.

Section 2. The City of Rio Rancho will undertake ADA Deficiency Remediation and ITS/Signal System Improvements.

Section 3. That the staff of the City of Rio Rancho are hereby directed and requested to submit the completed Application to the NMDOT for its review and are further authorized to take such action as may be requested by the NMDOT in its consideration and review of the Application and to further proceed with arrangements for financing the Project and expending funds related to the Project.

ADOPTED THIS ____ DAY OF_____, 2025.

_____
Greggory D. Hull, Mayor

ATTEST:

_____

Noel C. Davis, City Clerk
(SEAL)

2025-2026 NMDOT LGRF COOP PROJECT MAP



RioRancho City of Vision

GIS Moving Spatial Data Forward

DISCLAIMER: All information in this map is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. This map is not a survey and should be used for graphical purposes only.

ITS/Signal System Improvements

- PRINCIPAL ARTERIAL
- MINOR ARTERIAL
- MAJOR COLLECTOR
- MINOR COLLECTOR
- RESIDENTIAL
- PRIVATE

N W E S

Map Created by Abby Schondel 01-08-2024

0 250 500 1,000

Feet

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: R12

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Public Works

SUBJECT:
R12, Resolution Decommissioning and Allowing for Disposal of Vehicles and Equipment

BACKGROUND AND ANALYSIS:
In accordance with the provisions outlined in the City of Rio Rancho Administrative Policies and Procedures (Chapter 2, Article 12, and Section 2-12-10; Revised March 20, 2017), City vehicles are disposed of either by auction or by salvage.

Most usable vehicles are auctioned off, while heavily damaged vehicles are disposed of by salvage. City staff coordinates and executes the vehicle disposal process.

The attached Exhibit A contains a list of the vehicles and equipment that will be decommissioned and sent to auction. The proceeds from the auction will be returned to the General Fund or Utilities Enterprise Fund, as applicable. State Grant funded vehicle sale proceeds are returned to the Grantor(s).

IMPACT:
Execution of the attached Resolution will allow the City to decommission and dispose the specified vehicles and equipment for auction.

ALTERNATIVES:
Approve the Resolution.

Do not approve the Resolution.

DEPARTMENT RECOMMENDATION:
Staff recommends approval of the Resolution.

ATTACHMENT: Resolution_R12
ATTACHMENT: Exhibit A

CITY OF RIO RANCHO
RESOLUTION

RESOLUTION NO. **ENACTMENT NO.**

RESOLUTION DECOMMISSIONING AND ALLOWING FOR DISPOSAL OF VEHICLES AND EQUIPMENT

WHEREAS: the Department of Public Works is requesting approval to decommission and auction vehicles and equipment; and

WHEREAS: the list of vehicles and equipment that have been submitted meet the requirements outlined in the City of Rio Rancho Administrative Policies and Procedures (Chapter 2, Article 12, and Section 2-12-10; Revised March 20, 2017) to become eligible for decommissioning; and

WHEREAS: the proceeds from the auction will be returned to the General Fund or Utilities Enterprise Fund, as applicable.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

That the vehicles and equipment listed in Exhibit A, attached hereto, are decommissioned and shall be disposed of at auction.

ADOPTED THIS _____DAY OF _____, 2025.

_____
Greggory D. Hull, Mayor

ATTEST:

_____
Noel C. Davis, City Clerk
(SEAL)

Exhibit A

Dept-Div	Unit#	Asset	Year	Make	Model	Mileage	Vin/Serial #	Notes
PD	PD1605	16349	2014	Dodge	Charger	85577	2C3CDXAT9EH343710	
PD	PD1936	18038	2019	Dodge	Charger	113734	2C3CDXAT8KH576019	
PD	DPS140	9575	2008	Chevorlet	Suburban	123706	3GNGK26KX8G145185	
PD	DPS278	15020	2014	Dodge	Charger	98768	2C3CDXAT2EH180723	Engine Failed
PD	DPS238	12822	2011	Ford	Expedition	129878	1FMJU1G52BEF05877	
PD	DPS121	9580	2008	Chevorlet	Impala	73904	2G1WS553989195840	Parts obsolete to repair
PD	P235	11477	2010	Ford	Crown Vic	115331	2FABP7BV6AX110209	Engine Failed
Fire	955	11581	2010	Ford	Explorer	106335	1FMEU7DE9AUA35778	
Parks & Rec	PR51	4824	2005	Ford	F350	181504	1FDWW37P05EC37610	
Parks & Rec	PR25	6366	2007	Ford	F350	115138	1FDSW35P07EB05919	
Parks & Rec	PR39	1982	2003	Ford	F250	193994	1FTNW21P43EB60708	
Parks & Rec	PR20	5661	2006	Ford	F350	113233	1FDWX30P66EB72917	
Parks & Rec	27			John Deere	4400 Tractor		LV4400H342614	
Parks & Rec	26			John Deere	4401 Tractor		LV4400H342615	
Customer Service	CS08	17336	2002	Ford	F150	156030	1FTRX18L72NB50103	
Custodial	C01	6372	2006	Ford	F150	91748	1FTNE24L16DB35190	Cost to repair exceeds value
Fleet Maint	FM09/50		1998	John Deere	Gator		VG06X4D027831	
Cultrual Enrichment								Light Tower
MISC								7-Auto Wheels
MISC								4 - Wheels & Tires 265/70R17
MISC								1 - Tire & Wheel 235/85r16
MISC								Yellow Light Tower, no wheels
MISC								White Light Tower, United Rentals

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: R13

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Library and Information Services

SUBJECT:
R13, Resolution Authorizing Disposal of Library and Information Services Department Property

BACKGROUND AND ANALYSIS:

The Library and Information Services Department needs to dispose of non-functional, damaged, and/or obsolete items that cannot be put back in library circulation or sensibly stored by selling salvageable items, recycling suitable items, and safely disposing of items deemed unfit or unsafe for sale to the public.

The items, detailed in the attached Exhibit A, consist of miscellaneous office supplies and library materials.

The disposal of personal property is governed by Section 3-54-2, NMSA 1978 requiring Governing Body approval for property that does not exceed $2,500.

IMPACT:
Disposal of these items will free up space for current library needs.

ALTERNATIVES:
Approve the Resolution.

Do not approve the Resolution.

DEPARTMENT RECOMMENDATION:
Staff recommends approval of the Resolution.

ATTACHMENT: Resolution_R13
ATTACHMENT: Exhibit A

CITY OF RIO RANCHO
RESOLUTION

RESOLUTION NO. **ENACTMENT NO.**

RESOLUTION AUTHORIZING DISPOSAL OF LIBRARY AND INFORMATION SERVICES DEPARTMENT PROPERTY

WHEREAS: the Library and Information Services Department needs to dispose of non-functional, damaged, and/or obsolete items that cannot be put back in library circulation or sensibly stored by selling salvageable items, recycling suitable items, and safely disposing of items deemed unfit or unsafe for sale to the public; and

WHEREAS: the disposal of personal property is governed by Section 3-54-2, NMSA 1978 requiring Governing Body approval for property that does not exceed $2,500.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

That authorization is hereby given to properly dispose of the items depicted in Exhibit A, attached hereto.

ADOPTED THIS _____DAY OF _____, 2025.

_____
Greggory D. Hull, Mayor

ATTEST:

_____
Noel C. Davis, City Clerk
(SEAL)

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

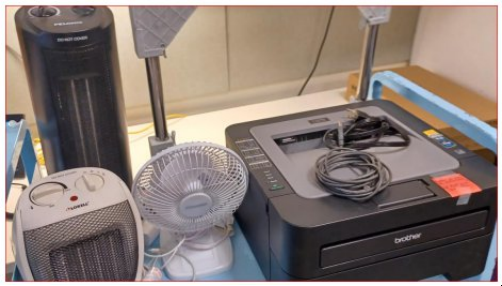
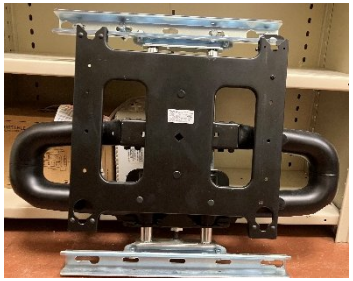
Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
Ceramic Heaters (2), Desk Fan, Printer, and Equipment Stand Heaters: Lorell NT15-9FJ 25318156 Pelonis NT15-13L 83 531 Fan: 6" Sylvania DF-R602A 451253 Brother HL-2240D U62673J3N482812 Laser Printer	Loma Colorado Main Library	Obsolete	$10.00	
Large Monitor Mount	Loma Colorado Main Library	Obsolete	$40.00	
Glass Shelves (2)	Loma Colorado Main Library	Obsolete	$10.00	

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
Large Acrylic Magazine Holder (1)	Loma Colorado Main Library	Damaged	$0.00	
Small Acrylic Magazine Holder (1)	Loma Colorado Main Library	Damaged	$0.00	
U Channel Lengths (2)	Loma Colorado Main Library	Obsolete	$20.00	

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
Framed Print (1)	Loma Colorado Main Library	Obsolete	$10.00	
Aluminum Trim	Loma Colorado Main Library	Obsolete	$5.00	
Library Materials Removed from Collection ISBN 9780804178747 (acid-free paper);"0804178747 (acid-free paper)" 9780307269980 (alk. paper);"9781847245564";"0307269981 (alk. paper)";"9780307476159";"9780307454553";"9780307949509" 9781524708696;"1524708690" 9780670025114;"0670025119" 9781640977075;"9781640976306";"0149-1288 0149-1288 1" 9781628876116 439042445 9780451534040 9781684056170 (Volume 5);"9781684053278 (Volume 1)";"1684053277 (Volume 1)";"9781684054060 (Volume 2)";"1684054060 (Volume 2)";"9781684054985 (Volume 3)";"9781684055449 (Volume 4)";"9781684056729 (Volume 6)";"9781684057221 (Volume 7)";"9781684057887 (Volume 8)";"9781684057627 (Volume 9)";"9781684058518 (Volume 10)";"9781684059089 (Volume 11)";"9781684059300 (Volume	Loma Colorado Main Library	Obsolete	$2,000	

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
12)";"9781684059539 (Volume 13)";"9781684059850 (Volume 14)";"9798887240411 (Volume 15)";"9798887240602 (Volume 16)";"9798887240961 (Volume 17)"				
9780778314349 (pbk.);"0778314340 (pbk.)"				
9781628875614				
9780761147633				
9780645069686 (trade);"064506968X (trade)"				
9780316231756 (hbk.);"0316231754 (hbk.)";"9780316505130"				
9781481422024 (paperback);"1481422022 (paperback)"				
9781506708355 (v. 1) (paperback);"1506708358 (v. 1) (paperback)";"9781506718866 (v. 2) (paperback)";"1506718868 (v. 2) (paperback)";"9781506718873 (v. 3 paperback)"				
9780385386173 (v. 1 : hardcover);"0385386176 (v. 1 : hardcover)";"9780385386234 (v. 2 : hardcover)";"9780385386203 (v. 3 : hardcover)";"9781524714932 (v. 4 : hardcover)";"9781524714963 (v. 5 : hardcover)";"9780525644064 (v. 6 : hardcover)";"9780593379660 (v. 8 : hardcover)";"9780593488096 (v. 9 : hardcover)";"9780593488126 (v. 10 : hardcover)"				
9780385386173 (v. 1 : hardcover);"0385386176 (v. 1 : hardcover)";"9780385386234 (v. 2 : hardcover)";"9780385386203 (v. 3 : hardcover)";"9781524714932 (v. 4 : hardcover)";"9781524714963 (v. 5 : hardcover)";"9780525644064 (v. 6 : hardcover)";"9780593379660 (v. 8 : hardcover)";"9780593488096 (v. 9 : hardcover)";"9780593488126 (v. 10 : hardcover)"				
9780593184127 (hardcover);"0593184122"				
9780374602017 (hardcover);"0374602018 (hardcover)";"40030932081"				
9780063268180 (hardcover);"0063268183 (hardcover)"				
9780593449356 hardcover;"0593449355 hardcover"				
9780062939814 (hardcover);"0062939815 (hardcover)"				
9780063204591 (hardcover);"0063204592 (hardcover)"				
9780593439135 (hardcover);"0593439139 (hardcover)"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780374538569 (hardcover);"0374538565 (hardcover)"				
9781771965200 (paperback);"1771965207 (paperback)"				
0825309913 (hardcover);"9780825309915 (hardcover)"				
1639101780 (hardback);"9781639101788 (hardback)"				
9780593098721 (hardcover);"0593098722 (hardcover)"				
9780593336885 (hardcover);"0593336887"				
9781609457983 hardcover;"1609457986 hardcover";"9781787703919 paperback";"1787703916 paperback"				
9781681377087 (paperback);"168137708X";"40031323949"				
9781538710463 (trade paperback);"1538710463"				
9781250844231 (hardcover);"1250844231 (hardcover)"				
9781646221271 hc.;"1646221273 hc."				
9780593420119 hardcover;"059342011X hardcover";"9780593713044 paperback";"0593713044 paperback";"9780593420133 electronic book"				
9781982189730 (hbk.);"1982189738 hc."				
9780593471821 (hardcover);"0593471822 (hardcover)"				
9781639362585 hc;"1639362584 hc"				
9781632061188 (hardcover);"163206118X (hardcover)"				
9781496739827 (hardcover) :;"1496739825 (hardcover) :"				
9781250850973 (hardcover);"1250850975 (hardcover)"				
9781643751962 hardcover;"1643751964 hardcover"				
9780358627913 (hardcover);"0358627915 (hardcover)"				
9780063115118 (hardcover);"0063115115 (hardcover)"				
9781668013786 (hardcover);"1668013789 (hardcover)"				
9781954118058 (hardcover);"1954118058 (hardcover)"				
9780374287702 (hardcover);"0374287708 (hardcover)"				
9781684428007 (hardcover);"1684428009 (hardcover)";"9781684427994 (paperback)";"1684427991 (paperback)"				
9780802160669 (hardcover);"0802160662 (hardcover)"				
9781324001744 (hardcover);"1324001747 (hardcover)"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780525657644 (hardcover);"0525657649 (hardcover)";"9781984898883 (trade paperback)";"1984898884 (trade paperback)"				
9780778387190 (hardcover);"0778387194 (hardcover)"				
9781982171605 (hardcover);"198217160X (hardcover)"				
9780063213388 (hardcover);"0063213389 (hardcover)"				
9780063299405 (hardcover);"0063299402";"9780063299412 (trade paperback)";"0063299410"				
9781662508295;"1662508298";"9781662508288 hardback";"166250828X hardback"				
9780593186763 (hardcover);"0593186761 (hardcover)"				
9780143115915;"0060177969"				
9781628876079				
0826317405 (pbk.)				
0823422917 (hbk.);"9780823422913 (hbk.)"				
1534480722 (hardback);"9781534480728 (hardback)";"9781416925330 (paperback)";"1416925333 (paperback)";"9781428745537 (FollettBound)";"142874553X (FollettBound)"				
9780241677124;"1542-1554"				
9781624142819 (paperback);"1624142818 (paperback)";"9781518236204 (Paw Prints)";"1518236200 (Paw Prints)"				
9780744039603 hc.;"0744039606 hc."				
9798888500200 (paperback)				
9780399160493;"0399160493"				
1760360473 (hardback);"9781760360474 (hardback)"				
9781554988778 (hardback);"1554988772 (hardback)"				
9780739338766;"0739338765"				
9781987162196;"9781987162196";"38878 Findaway World"				
9780425285763 (pbk.);"0425285766"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780545528429 (v. 1);"0545528429 (v. 1)";"9780545528436 (v. 1 : paperback)";"0545528437 (v. 1 : paperback)";"9780545528450 (v. 2 : paperback)";"0545528453 (v. 2 : paperback)";"9780545838689 (v. 3)";"0545838681 (v. 3)";"9780545838719 (v. 4)";"9781338204131 (v. 5)";"9781338204162 (v. 6)"				
9780345497536 (alk. paper);"0345497538 (alk. paper)"				
9781250047540 (cloth);"1250047544 (cloth)"				
9780670022533;"0670022535"				
9780312591823 (hardcover);"0312591829 (hardcover)";"9781429962735 (e-book)";"1429962739 (e-book)"				
9781501111198 hardcover;"1501111191 hardcover";"9781501111204";"1501111205"				
9781335943910 (hardcover);"1335943919 (hardcover)";"065373025999 94391"				
9780425265093 (paperback);"0425265099 (paperback)"				
0441014798;"9780441014798"				
9780345479600 (pbk.);"0345479602 (pbk.)"				
9780727864468 (hbk.);"0727864467 (hbk.)";"9780727891891 (pbk.)";"0727891898 (pbk.)";"9780727864468"				
9780895876607 (softcover acid-free paper);"0895876604 (softcover acid-free paper)"				
9781787300279 (hardcover);"1787300277 (hardcover)";"9781948226165 (hardcover)";"1948226162 (hardcover)";"9781473549784"				
9780399156816;"039915681X"				
9780307379740 (hard cover : alk. paper);"0307379744 (hard cover : alk. paper)"				
9781451689556 (trade paper);"1451689551 (trade paper)"				
9780061241086 (pbk.);"0061241083 (pbk.)"				
9781501146800;"1501146807"				
9781416549673 (alk. paper);"1416549676 (alk. paper)";"9781439177136 (eBook)";"1439177139 (eBook)"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781400067848 (hbk. : acid-free paper);"1400067847 (hbk. : acid-free paper)";"9780679604334 (ebk.)";"0679604332 (ebk.)"				
9780425225974;"0425225976"				
9780385340854 (acid-free paper);"0385340850 (acid-free paper)"				
9780345547682 (acid-free paper);"0345547683 (acid-free paper)"				
9780312347482;"0312347480"				
9780399176111 (hardcover);"039917611X (hardcover)"				
9780446540162 (hardcover : alk. paper);"0446540161 (hardcover : alk. paper)";"9780446540155 (trade pbk. : alk. paper)";"0446540153 (trade pbk. : alk. paper)"				
9781937240059 (pbk. : alk. paper);"1937240053 (pbk. : alk. paper)"				
0758250932;"9780758250933"				
9780735224445 (hardcover);"0735224447 (hardcover)"				
0553091263 :				
9780312365462;"0312365462"				
9780399165276 (hbk.);"0399165274 (hbk.)"				
9780826343369 (pbk. : alk. paper);"0826343368 (pbk. : alk. paper)"				
9780544962538 (hardback);"0544962532 (hardback)"				
9780374280024 (hardcover);"0374280029 (hardcover)"				
9780062672858 (paperback);"0062672851 (paperback)"				
0758201400;"9780758201409"				
9780812995886 (hardcover acid-free paper);"0812995880 (hardcover acid-free paper)";"9780812995893 (ebook)";"40029041309"				
9781552453797 paperback;"1552453790 paperback"				
0345480627;"9780345480620";"0345480635 (mass-market : acid-free paper)";"9780345480637 (mass-market : acid-free paper)";"9780345480620";"9780345480637"				
9781101985786 (hardcover);"110198578X (hardcover)"				
9781627797641 (hardback);"9781250160157 (paperback)"				
9780226279206 (paperback);"0226279200 (paperback)"				
9781640091672 hardcover;"164009167X hardcover"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
743223551				
9780525950486 (hardcover);"0525950486 (hardcover)";"40015455717"				
9781101966877 (hardcover : acid-free paper);"1101966874 (hardcover : acid-free paper)"				
9781416549666;"9781416549659";"141654965X"				
9780425250778 (pbk.);"0425250776 (pbk.)"				
9780425245767 (pbk.);"0425245764 (pbk.)"				
9780060585617;"0060585609 (alk. paper)"				
0451204212;"9780451227126"				
821775170				
9780373366286;"0373366280"				
9781939931528 (paperback);"1939931525 (paperback)"				
9780374292270 (cloth);"0374292272"				
9780441018680;"0441018688"				
9781402214318;"1402214316"				
161921055X (pbk.);"9781619210554 (pbk.)"				
9780525521211 (hardcover);"0525521216"				
9781401322410;"1401322417"				
9780310332312 (pbk.);"0310332311 (pbk.)";"9780310332329 (hbk.)";"031033232X (hbk.)"				
9780310250661 (softcover : alk. paper);"9780310321996 (hardcover : alk. paper)";"0310321999 (hardcover : alk. paper)";"0310250668 (softcover : alk. paper)"				
9781555978341 paperback;"1555978347 paperback"				
9781492660293 (trade pbk. alk. paper);"1492660299 (trade pbk. alk. paper)"				
9781250162946 (hardcover);"1250162947 (hardcover)";"9781250162939 (ebook)"				
9780062131836 (paperback);"0062131834 (paperback)"				
9781635760422 (paperback);"1635760429"				
9780385536318 (hbk.);"0385536313 (hbk.)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780312385187;"0312385188"				
9781595544704;"1595544704"				
9780525954859 (hardcover);"0525954856 (hardcover)"				
045149380X;"9780451493804"				
9781101874080;"1101874082"				
9780765332714 (hardcover);"076533271X (hardcover)"				
9781510736412 (hardback : alk. paper);"1510736417"				
9780743246439				
9781451661514 (pbk.);"1451661517 (pbk.)"				
9780425243480;"0425243486"				
9781503953345 (hardcover);"1503953343 (hardcover)";"9781503952232 (paperback)";"1503952231 (paperback)"				
9781635060577 (hardcover);"1635060575";"9781635060584 (pbk.)";"1635060583"				
156947463X;"9781569474631"				
9781631495632 hardcover;"1631495631 hardcover"				
1569474265 (cloth);"9781569474266"				
9780765383068 (hardcover : alk. paper);"0765383063 (hardcover : alk. paper)";"9780765383112 (limited edition)";"076538311X (limited edition)"				
9780802128454 (hardcover);"0802128459 (hardcover)"				
9780872867000 (softcover);"0872867005 (softcover)"				
9780440000785 (hardcover);"0440000785";"9780440000822 (ebook)";"9781984802491";"1984802496";"0440000823";"9780440000822"				
9780312564537 (hbk.);"0312564538 (hbk.)"				
0544483936 (pbk.);"9780544236158 (hbk.)";"0544236157 (hbk.)";"9780544483934 (pbk.)"				
9780062429254 (hardback);"0062429256 (hardback)"				
9781476736471;"1476736472"				
9780385538893;"0385538898";"9780385537438";"0385537433"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781416598954 (alk. paper);"1416598952 (alk. paper)"				
9780312591830 (hardcover);"0312591837 (hardcover)"				
9781451639346 (hbk.);"1451639341 (hbk.)"				
0756402093;"0756401933"				
9781250079503 (hardcover);"1250079500 (hardcover)"				
0060831162;"9780060831165"				
9780345511812 (hardcover : alk. paper);"0345511816 (hardcover : alk. paper)"				
9781616952884 (hbk.);"1616952881 (hbk.)"				
1634097661;"9781634097666"				
9780385540070 (alk. paper);"0385540078 (alk. paper)"				
9780062092816;"0062092812"				
9780316393874;"0316393878"				
9781538711514 hardcover;"1538711516 hardcover"				
9780063244092 (hardcover);"0063244098 (hardcover)"				
9780063138186 (hardcover);"0063138182 (hardcover)"				
9781476794266 (hardback);"147679426X (hardback)"				
9780374604059 (hardcover);"0374604053 (hardcover)"				
9780063224421 (hardcover);"0063224429 (hardcover)"				
9780802159748 (hardcover);"0802159745 (hardcover)"				
9781644452233 (paperback);"1644452235 (paperback)"				
9781946022547 (paperback);"1946022543 (paperback)"				
9781982143022 (hardcover);"1982143029 (hardcover)"				
0063116995 (hardcover);"9780063116993 (hardcover)"				
9781538706596 (hardcover);"1538706598 (hardcover)"				
9780063144767 (softcover) :;"006314476X (sc.)"				
1542039355;"9781542039352"				
9781982188702 (hardcover);"1982188707 (hardcover)";"40031225995"				
9781538706756 (trade paperback);"153870675X"				
9781250867636 (trade paperback);"1250867630 (trade paperback)"				
9781786185129 (hardcover);"1786185121 (hardcover)"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
1915202213 paperback;"9781915202215 paperback"				
9781609458171 (hardcover);"1609458176 (hardcover)"				
9780062979094 (hardcover);"0062979094 (hardcover)"				
9781324021728 (hardcover cloth);"1324021721 (hardcover cloth)"				
9781646221011 (hardcover);"164622101X (hardcover)"				
9781640096042 (hardcover);"1640096043 (hardcover)"				
9780593316535 (hardcover);"0593316533 (hardcover)"				
9781525899997 (pbk.);"1525899996 (pbk.)"				
9781538755167 hardcover;"1538755165 hardcover";"9781538740392 Barnes & Noble edition";"1538740397 Barnes & Noble edition"				
9780374277758 hardcover;"0374277753 hardcover"				
9780393868074 (hardcover);"0393868079 (hardcover)";"9781324050469 (paperback)";"1324050462 (paperback)"				
9781641294119;"1641294116"				
9781728248448 (trade paperback);"1728248442 (trade paperback)"				
9780778311881;"0778311880"				
9781641293457 (hardcover);"1641293454 (hardcover)"				
9781501187988 (hardcover);"1501187988 (hardcover)"				
9780062959379 (hardback);"0062959379 (hardback)";"9780062959386 (trade paperback)";"0062959387 (trade paperback)";"9780062959393 (ebook)"				
9781250819321 hardcover;"1250819326 hardcover"				
9781496739322 (pbk.);"1496739329 (pbk.)"				
9780593185575 hardcover;"0593185579 hardcover";"9780593185599 trade paperback";"0593185595 trade paperback"				
9781496740328 (paperback);"1496740327 (paperback)"				
9780358622369 (hardcover);"0358622360 (hardcover)";"0028310345"				
9781538710012 paperback;"1538710013 paperback"				

Exhibit A - Disposal of Property
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February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780593298350 (hardcover);"0593298357 (hardcover)";"40031215678"				
9781538720295 (hardcover);"1538720299 (hardcover)"				
9780800739515 (paperback);"0800739515 (paperback)"				
9780593329344 (hardcover);"0593329341"				
9781448308446 (hbk);"1448308445 (hbk)"				
9781542035583 paperback;"1542035589 paperback"				
9780316504386 (pbk.);"0316504386 (pbk.)"				
9780778386865 (hardcover);"0778386864 (hardcover)";"9780778333104 (paperback)";"0778333108 (paperback)"				
9780778333043 (hardcover);"0778333043 (hardcover)"				
9780063218062 hardcover;"0063218062 hardcover"				
9781982185572 hardcover;"1982185570 hardcover"				
9781542039024 paperback;"1542039029"				
9780778311294 (paperback);"0778311295 (paperback)"				
9781613163900 hardback;"1613163908";"9781613163955 paperback";"1613163959"				
9781982112790 (hardcover);"1982112794 (hardcover)"				
0812827139 :;"9780812827132"				
9781441819215;"1441819215";"9781441819215"				
0763625159 (alk. paper)				
9780802795540 (trade bdg.);"0802795544 (trade bdg.)";"9780802795557 (reinforced)";"0802795552 (reinforced)"				
0399218858;"9780399218859"				
9781619636101;"1619636107"				
9780593349892				
9780545581608 (v. 1);"0545581605 (v. 1)";"9781338741032 (v. 1)";"9780545935203 (v. 2)";"9781338741049 (v. 2)";"9780545935210 (v. 3)";"9781338611991 (v. 3)";"9781338741056 (v. 3)";"9780545935180 (v. 4)";"9780545935173 (v. 5)";"9781338741070 (v. 5)";"9781338236576 (v. 6)";"9781338290929 (v.				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
6)";"9781338236590 (v. 7)";"9781338323214 (v. 8)";"9781338535624 (v. 9)";"9781338680454 (v. 10)";"9781338801910 (v. 11)";"9781338896435 (v. 12)";"9781338896459 (v. 13)"				
9780399152597				
43144023009				
078601296X (pbk.);"9780786012961 (pbk.)"				
9780063282902 (paperback);"0063282909"				
9780525516477 (hardcover);"0525516476 (hardcover)"				
9780307711779;"9780307711779";"YA 1553ACD Random House/Listening Library"				
9780439136358 (hc);"9781480614994 (Paw Prints)";"0439136350 (hc)";"0439136369 (pb)";"9780439136365 (pb)";"1480614998 (Paw Prints)";"9780545582933"				
9781368072243 (hardcover);"1368072240 (hardcover)"				
9780375856112 (hbk.);"9780307930743 (intl. tr. pbk.)";"0307930742 (intl. tr. pbk.)";"0375856110 (hbk.)";"9780375956119";"0375956115"				
9781569319017 (v. 1);"1569319014 (v. 1)";"9781591161844 (v. 3)";"9781591163374 (v. 4)";"9781421501918 (v. 9)";"1421501910 (v. 9)";"9781591166153 (v. 5)";"159116723X (v. 6)";"9781591167235 (v. 6)";"159116852X (v. 7)";"9781591168522 (v. 7)";"1421500752 (v. 8)";"9781421500751 (v. 8)";"1421504065 (v. 10)";"9781421504063 (v. 10)";"9781421506630 (v. 11)";"9781417784875 (v. 12)";"9781421506654 (v. 13)";"9781421515120 (v. 18)";"9781421534459 (v. 29)";"9781421534503 (v. 34)";"9781421534657 (v. 49)";"9781421539591 (v. 59)";"9781421573441 (v. 72)";"9781421580296 (v. 75)";"9781421582603 (v. 76)";"9781421585147 (v. 77)";"9781421588155 (v. 79)";"9781421590240 (v. 80)";"9781421591599 (v. 81)";"9781421592695 (v. 82)";"9781421594330 (v. 83)";"9781421597003 (v. 84)";"9781421598208 (v. 85)";"9781974700424 (v. 86)";"9781974701414 (v. 87)";"9781974703784 (v.				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
88)";"9781974705214 (v. 89)";"9781974707003 (v. 90)";"9781974707010 (v. 91)";"9781974710157 (v. 92)";"9781974712557 (v. 93)";"9781974715374 (v. 94)";"9781974718139 (v. 95)";"9781974719990 (v. 96)";"9781974722891 (v. 97)";"9781974725199 (v. 98)";"9781974729005 (v. 99)";"9781974732173 (v. 100)";"9781974734207 (v. 101)";"9781974736553 (v. 102)";"9781974738700 (v. 103)";"9781974741298 (v. 104)";"9781974743278 (v. 105)";"9781974745869 (v. 106)";"9781974749799 (v. 107)"				
0399147969 (alk. paper)				
9781616206307 (hardcover alk. paper);"1616206306 (hardcover alk. paper)"				
9781939454485;"1939454484"				
9781476778556 (hbk.);"1476778558 (hbk.)"				
9780385538619;"0385538618"				
9780143124955;"0143124951"				
9781501150838 (hardcover) :;"1501150839 (hardcover) :"				
9780385540070 (alk. paper);"0385540078 (alk. paper)"				
9781250016843 (hbk.);"1250016843 (hbk.)"				
9780385536691 (alk. paper);"0385536690 (alk. paper)"				
684839539				
156512510X				
9781416555698 (hc);"1416555692 (hc)"				
9780881462579 (hardcover : alk. paper);"0881462578 (hardcover : alk. paper)"				
9780374257118 (hardcover : alk. paper);"0374257116 (hardcover : alk. paper)"				
375500081				
0786247045 (alk. paper)				
9780451496324;"0451496329"				
9780385350112 (Hardcover);"0385350112 (Hardcover)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780805090925 (hbk.);"0805090924 (hbk.)"				
006018650X :				
9780385541527 (hardcover);"038554152X (hardcover)";"9781101973097 (softcover)";"1101973099 (softcover)"				
9780312354626;"0312354622"				
9780802123343 (hardback);"0802123341 (hardback)"				
0312865082 (acid-free paper)				
0312873328 (acid-free paper)				
0425210197;"9780425210192";"9780425210192"				
886777348				
9781594487446 (hbk.);"1594487448 (hbk.)"				
9780375425318;"0375425314"				
0312291426 :				
1594632146 (hardback);"9781594632143 (hardback)"				
0688172962 (hard cover)				
9780062423368 (hardcover alk. paper);"0062423363 (hardcover alk. paper)";"9780062423382 (pb alk. paper)";"006242338X (pb alk. paper)"				
9781501146879 hardcover;"1501146874 hardcover"				
9781616953980 (hardback);"1616953985 (hardback)"				
9780062302472 (paperback);"0062302477 (paperback)"				
1609453778 (paperback) :;"9781609453770 (paperback) :"				
9780575094192 (pbk.);"0575094192 (pbk.)";"9781407230092 (pbk.)";"1407230093 (pbk.)"				
9780307730442 (pbk.);"0307730441 (pbk.)"				
9780061452024 (acid-free paper);"0061452025 (acid-free paper)"				
9781601627049;"1601627041";"9780991152834";"0991152832"				
0515094978 :;"9780515094978"				
9781420119671;"1420119672"				
0727885464 (cased);"9780727885463 (cased)";"9781847516541 (trade paper)";"1847516548 (trade paper)"				
0385240880 (pbk.) :				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781455554621 hardcover;"1455554626 hardcover"				
9780316373807 (hardcover);"031637380X (hardcover)"				
9780547687124;"0547687125";"40022594568"				
9780802124579 (hardcover);"0802124577 (hardcover)"				
9780062641311 (hardcover);"006264131X (hardcover)"				
9780871406828 (hardcover);"0871406829 (hardcover)"				
9780062033680 (pbk.);"0062033689 (pbk.)"				
9780451493781 hardcover;"0451493788 hardcover";"9781101973387 paperback";"1101973382 paperback"				
9781501191152 (hardcover);"9781501173349 (softcover)";"1501173340 (softcover)";"1501191152 (hardcover)"				
0743417984 (pbk.);"9780743417983 (pbk.)";"0743211847 (hbk.)";"9780743211840 (hbk.)"				
0312273053 (alk. paper)				
9780727883582 (cased);"0727883585 (cased)"				
9781101947180 (hardcover);"1101947187 (hardcover)";"9781101971161 (softcover)";"1101971169 (softcover)"				
0316466808;"9780316466806"				
9781101906545 hardcover;"1101906545 hardcover"				
9780756406608;"0756406609"				
9780802128249 (hardcover alk. paper);"0802128246"				
0060841664 (acid-free paper);"9780060841669 (acid-free paper)";"9780060841669"				
0345476131 (hc. : alk. paper);"034547614X (mm. : alk. paper)";"9780345504401"				
0802125913 (hardcover);"9780802125910 (hardcover)"				
9781250159892 (hardcover);"125015989X (hardcover)"				
030726310X				
9780062676139;"006267613X"				
9780425238714 (pbk.);"0425238717 (pbk.)"				
9780758232021 (pbk.);"0758232020 (pbk.)"				
9780307272799 (alk. paper);"0307272796 (alk. paper)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780399160967 (alk. paper);"0399160965 (alk. paper)"				
9781451633924 (hardcover);"1451633920 (hardcover)"				
0425210049;"9780425210048"				
9780316232784;"0316232785"				
9780802125767 hardcover;"080212576X hardcover"				
9781594631719 (hbk.);"1594631719 (hbk.)"				
9781619026124 (hardback);"1619026120 (hardback)"				
1909807540;"9781909807549"				
9780399590245;"0399590242"				
9780307961716;"0307961710"				
1555976808 (paperback);"9781555976804 (paperback)"				
9781641716079;"9781631218163";"1085-7206 1085-7206 1084-7206 1"				
9798886470147;"1531-5568 1531-5568 1"				
9781641715614;"1538-1587 1538-1587 1"				
9781641715546;"1522-3280 1522-3280"				
9781641716130;"1541-1621 1541-1621 1090-6843 1"				
375421343				
9781439134122 (omni trade pbk.);"143913412X (omni trade pbk.)"				
9780451497543 (hardcover);"0451497546 (hardcover)";"9780451497550 (softcover)";"0451497554 (softcover)"				
9781501196881 (hbk.);"150119688X (hbk.)"				
9780553392654 (hardcover);"0553392654 (hardcover)"				
553380400				
9781400068388 (hardcover);"140006838X (hardcover)"				
9781250146113 (hardcover);"1250146119 (hardcover)";"9781250177315 (Canada & international)";"1250177316 (Canada & international)"				
9780062400796 (hardcover);"0062400797 (hardcover)"				
9781455595211 (hardcover);"1455595217 (hardcover)"				
9781607013600 (pbk.);"1607013606 (pbk.)"				
9780451477385 (hardcover);"0451477383 (hardcover)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781250169730 (hardcover);"1250169739 (hardcover)"				
9781785651342;"178565134X"				
1941393357;"9781941393352"				
765307995				
145168861X;"9781451688610"				
9780345542601 (hardcover : alk. paper);"0345542606 (hardcover : alk. paper)"				
1416555609 (hc);"9781416555605 (hc)"				
9780765317865 (trade);"0765317869 (trade)"				
9780345511836 (hbk.);"0345511832 (hbk.)"				
9781481482592;"1481482599"				
9780399583407 hardcover;"0399583408 hardcover"				
553099728				
9780374123666 (hbk.);"0374123667 (hbk.)"				
9781480828780;"1480828785"				
9781476736471;"1476736472"				
9780425238882 (trade pbk.);"0425238881 (trade pbk.)"				
9781612195100 paperback;"1612195105 paperback"				
9780802118707;"0802118704"				
9780451231284 (pbk.);"0451231287 (pbk.)";"9781611290462";"1611290465"				
9780765333063 (pbk.);"0765333066 (pbk.)"				
9780312341404;"0312341407"				
9780312341428;"0312341423"				
9780765396372 (hardcover alk. paper);"0765396378 (hardcover alk. paper)"				
9781324000747 (hardcover);"1324000740 (hardcover)"				
9780670022366;"0670022365"				
0670032808 (alk. paper)				
0380976544 (alk. paper)				
0765309238 (acid-free paper)				
0765382881 (hardcover);"9780765382887 (hardcover)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
670033731				
9780758217202 (pbk.);"075821720X (pbk.)"				
9780765344366 (pbk.);"076534436X (pbk.)"				
9780765323866;"0765323869";"9780765363589"				
0440236711 (pbk.) :;"9780440236719 (pbk.)"				
0061030996 (pbk.);"9780061030994 (pbk.)"				
9781416556015 (pbk.);"141655601X (pbk.)"				
0812515226 (pbk.) :;"9780812515220 (pbk.)"				
0812506898 :;"9780812506891 :"				
0425209571 (pbk.);"9780425209578 (pbk.)"				
553096044				
9781250072573 (paperback);"1250072573 (paperback)"				
1101903708;"9781101903704"				
9780062469687 (hardcover);"0062469681 (hardcover)"				
9781250049728 (hardback);"1250049725 (hardback)"				
1594205337 (hardcover);"9781594205330 (hardcover)"				
9781402241284;"1402241283"				
553802089				
9780804138840;"0804138842"				
1250039010 (hbk.);"9781250039019 (hbk.)"				
9780307589255;"0307589250"				
9781250073075 (hardback);"1250073073 (hardback)"				
9781250040466 (hbk.);"1250040469 (hbk.)"				
9780525520177 (hardcover acid-free paper);"0525520171 (hardcover acid-free paper)"				
0679745661 (pbk.)				
9781590517116 (pbk.);"1590517113 (pbk.)"				
312304269				
9781101982730 (hardcover);"110198273X (hardcover)"				
9780765327345 (hardcover);"0765327341 (hardcover)";"9781429946438 (e-book)";"1429946431 (e-book)"				
9780312367114;"0312367112"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
0307263711 (alk. paper);"9780307263711"				
9781629536040 (hardcover);"1629536040 (hardcover)";"9781629536361 (paperback)";"1629536369 (paperback)"				
9781617737060 (pbk.);"1617737062 (pbk.)"				
1617737089;"9781617737084"				
739424955				
031286034X (alk. paper)				
9781594488085;"1594488088"				
0765300931 (alk. paper);"9780765346575"				
9780758284709 (softcover);"0758284705 (softcover)"				
9781462050857;"1462050859";"1462050840";"9781462050840"				
9781491756829;"1491756829"				
9781481474986 (hardcover);"1481474987 (hardcover)";"9781481461689 (paperback)";"1481461680 (paperback)"				
9781481444262 (hardcover);"1481444263 (hardcover)"				
9780399181061 (hardcover : alk. paper);"0399181067"				
375506306				
9780375423291;"037542329X"				
0743444531;"9780743444538"				
9780061783449 (pbk.);"0061783447"				
9780451415707 paperback;"0451415701 paperback"				
9780743444507;"0684803437"				
9780143116608;"0143116606"				
9780143121497 (paperback);"0143121499 (paperback)"				
9780143131137 (trade paperback);"0143131133 (trade paperback)"				
9780143114055;"0143114050"				
0380973324 (acid-free paper)				
9780692662779 (pbk.);"0692662774 (pbk.)"				
0307262820 (alk. paper);"9781439157176"				
9781416589631;"1416589635";"9781416589648"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781250047243 (hardcover);"1250047242 (hardcover)"				
9780743294775;"0743294777"				
9781402279058 (pbk. : alk. paper);"1402279051 (pbk. : alk. paper)"				
9781402279850 (pbk. : alk. paper);"140227985X (pbk. : alk. paper)"				
0316254002 :;"9780316254007 :"				
9781607013556 (pbk.);"160701355X (pbk.)"				
9781250047250 (hardcover);"1250047250 (hardcover)"				
0517582740 :				
9780778318033 (pbk.);"0778318036 (pbk.)"				
9780062671127 hardcover;"006267112X hardcover"				
0062021362 (pbk.);"9780062021366 (pbk.)"				
0374500010;"9780553272536";"0374399972";"0553272535";"9780374399979";"9780374500016"				
0018-165X 0018-165X 1				
0739337203;"9780739337202";"9780739337790";"YA 1115A Listening Library"				
9781496730671 (paperback);"1496730674 (paperback)"				
1562476661				
0316430021 (paperback);"9780316430029 (paperback)"				
191329152799;"1946213932 Universal (container)";"3992132094 Universal (container)";"1194545 Universal (disc)";"2992132093 Universal (disc)"				
9780593658420				
9781338297133 (hardcover);"1338297139 (hardcover)";"9781443170369";"1443170364"				
9789681684792;"9681684796"				
9781646382286;"1646382285";"9781474839266";"1474839266"				
9781596439771 (hardback);"1596439777 (hardback)";"9781250103802";"1250103800"				
9781467696883;"9781467696883";"31726 Playaway"				
9780525577645 (trade);"0525577645 (trade)"				
9781628876116				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
0446579815;"9780446579810"				
0375507345 (alk. paper) :				
9781940769462;"1940769469"				
1416521410 (hc);"9781416521419 (hc)"				
067157812X				
9781510723092 (hardcover : alk. paper);"1510723099 (hardcover : alk. paper)"				
9781605977867;"1605977861"				
9781250091598 (hardback);"1250091594 (hardback)"				
9780826338945 (alk. paper);"0826338941 (alk. paper)"				
0743439775;"0684855526"				
9780307263186 (alk. paper);"0307263185 (alk. paper)"				
9780307272676 (alk. paper);"0307272672 (alk. paper)"				
9781432831110 (hardcover);"1432831119 (hardcover)"				
159606854X (hardcover);"9781596068544 (hardcover)"				
078686818X				
0743273850;"9780743273855"				
0544077792;"9780544077799"				
9781510719217;"1510719210"				
9780312643133;"0312643136"				
9780756407155;"075640715X"				
9780385543521 (hardback);"0385543522";"9780525436416 (paperback)";"0525436413"				
9780312340933;"0312340931"				
052594978X (hardcover);"9780525949787 (hardcover)"				
0871404273 (hbk.);"9780871404275 (hbk.)"				
9780451417749 (pbk.);"0451417747 (pbk.)"				
9780062225009;"0062225006"				
0756402530 (hc)				
9780345476043 (hardback);"0345476042 (hardback)"				
1250018196 (hardback);"9781250018199 (hardback)"				
9780802313584 (hardcover);"0802313582 (hardcover)"				

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9780804178747 (acid-free paper);"0804178747 (acid-free paper)"				
9780307269980 (alk. paper);"9781847245564";"0307269981 (alk. paper)";"9780307476159";"9780307454553";"9780307949509"				
9781524708696;"1524708690"				
9780670025114;"0670025119"				
9781640977075;"9781640976306";"0149-1288 0149-1288 1"				
6519662475458				
6519073804419				
6518485133382				
9781684056170 (Volume 5);"9781684053278 (Volume 1)";"1684053277 (Volume 1)";"9781684054060 (Volume 2)";"1684054060 (Volume 2)";"9781684054985 (Volume 3)";"9781684055449 (Volume 4)";"9781684056729 (Volume 6)";"9781684057221 (Volume 7)";"9781684057887 (Volume 8)";"9781684057627 (Volume 9)";"9781684058518 (Volume 10)";"9781684059089 (Volume 11)";"9781684059300 (Volume 12)";"9781684059539 (Volume 13)";"9781684059850 (Volume 14)";"9798887240411 (Volume 15)";"9798887240602 (Volume 16)";"9798887240961 (Volume 17)"				
9780778314349 (pbk.);"0778314340 (pbk.)"				
9779893419652				
9779025691671				
9780645069686 (trade);"064506968X (trade)"				
9780316231756 (hbk.);"0316231754 (hbk.)";"9780316505130"				
9781481422024 (paperback);"1481422022 (paperback)"				
9781506708355 (v. 1) (paperback);"1506708358 (v. 1) (paperback)";"9781506718866 (v. 2) (paperback)";"1506718868 (v. 2) (paperback)";"9781506718873 (v. 3 paperback)"				
9780385386173 (v. 1 : hardcover);"0385386176 (v. 1 : hardcover)";"9780385386234 (v. 2 : hardcover)";"9780385386203 (v. 3 : hardcover)";"9781524714932 (v. 4 : hardcover)";"9781524714963 (v. 5 : hardcover)";"9780525644064 (v. 6 :				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
hardcover)";"9780593379660 (v. 8 : hardcover)";"9780593488096 (v. 9 : hardcover)";"9780593488126 (v. 10 : hardcover)"				
9780385386173 (v. 1 : hardcover);"0385386176 (v. 1 : hardcover)";"9780385386234 (v. 2 : hardcover)";"9780385386203 (v. 3 : hardcover)";"9781524714932 (v. 4 : hardcover)";"9781524714963 (v. 5 : hardcover)";"9780525644064 (v. 6 : hardcover)";"9780593379660 (v. 8 : hardcover)";"9780593488096 (v. 9 : hardcover)";"9780593488126 (v. 10 : hardcover)"				
9780593184127 (hardcover);"0593184122"				
9780374602017 (hardcover);"0374602018 (hardcover)";"40030932081"				
9780063268180 (hardcover);"0063268183 (hardcover)"				
9780593449356 hardcover;"0593449355 hardcover"				
9780062939814 (hardcover);"0062939815 (hardcover)"				
9780063204591 (hardcover);"0063204592 (hardcover)"				
9780593439135 (hardcover);"0593439139 (hardcover)"				
9780374538569 (hardcover);"0374538565 (hardcover)"				
9781771965200 (paperback);"1771965207 (paperback)"				
0825309913 (hardcover);"9780825309915 (hardcover)"				
1639101780 (hardback);"9781639101788 (hardback)"				
9780593098721 (hardcover);"0593098722 (hardcover)"				
9780593336885 (hardcover);"0593336887"				
9781609457983 hardcover;"1609457986 hardcover";"9781787703919 paperback";"1787703916 paperback"				
9781681377087 (paperback);"168137708X";"40031323949"				
9781538710463 (trade paperback);"1538710463"				
9781250844231 (hardcover);"1250844231 (hardcover)"				
9781646221271 hc.;"1646221273 hc."				
9780593420119 hardcover;"059342011X hardcover";"9780593713044 paperback";"0593713044 paperback";"9780593420133 electronic book"				
9781982189730 (hbk.);"1982189738 hc."				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780593471821 (hardcover);"0593471822 (hardcover)"				
9781639362585 hc;"1639362584 hc"				
9781632061188 (hardcover);"163206118X (hardcover)"				
9781496739827 (hardcover) :;"1496739825 (hardcover) :"				
9781250850973 (hardcover);"1250850975 (hardcover)"				
9781643751962 hardcover;"1643751964 hardcover"				
9780358627913 (hardcover);"0358627915 (hardcover)"				
9780063115118 (hardcover);"0063115115 (hardcover)"				
9781668013786 (hardcover);"1668013789 (hardcover)"				
9781954118058 (hardcover);"1954118058 (hardcover)"				
9780374287702 (hardcover);"0374287708 (hardcover)"				
9781684428007 (hardcover);"1684428009 (hardcover)";"9781684427994 (paperback)";"1684427991 (paperback)"				
9780802160669 (hardcover);"0802160662 (hardcover)"				
9781324001744 (hardcover);"1324001747 (hardcover)"				
9780525657644 (hardcover);"0525657649 (hardcover)";"9781984898883 (trade paperback)";"1984898884 (trade paperback)"				
9780778387190 (hardcover);"0778387194 (hardcover)"				
9781982171605 (hardcover);"198217160X (hardcover)"				
9780063213388 (hardcover);"0063213389 (hardcover)"				
9780063299405 (hardcover);"0063299402";"9780063299412 (trade paperback)";"0063299410"				
9781662508295;"1662508298";"9781662508288 hardback";"166250828X hardback"				
9780593186763 (hardcover);"0593186761 (hardcover)"				
9780143115915;"0060177969"				
9781628876080				
0826317405 (pbk.)				
0823422917 (hbk.);"9780823422913 (hbk.)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
1534480722 (hardback);"9781534480728 (hardback)";"9781416925330 (paperback)";"1416925333 (paperback)";"9781428745537 (FollettBound)";"142874553X (FollettBound)"				
9780241677124;"1542-1554"				
9781624142819 (paperback);"1624142818 (paperback)";"9781518236204 (Paw Prints)";"1518236200 (Paw Prints)"				
9780744039603 hc.;"0744039606 hc."				
9798888500200 (paperback)				
9780399160493;"0399160493"				
1760360473 (hardback);"9781760360474 (hardback)"				
9781554988778 (hardback);"1554988772 (hardback)"				
9780739338766;"0739338765"				
9781987162196;"9781987162196";"38878 Findaway World"				
9780425285763 (pbk.);"0425285766"				
9780545528429 (v. 1);"0545528429 (v. 1)";"9780545528436 (v. 1 : paperback)";"0545528437 (v. 1 : paperback)";"9780545528450 (v. 2 : paperback)";"0545528453 (v. 2 : paperback)";"9780545838689 (v. 3)";"0545838681 (v. 3)";"9780545838719 (v. 4)";"9781338204131 (v. 5)";"9781338204162 (v. 6)"				
9780345497536 (alk. paper);"0345497538 (alk. paper)"				
9781250047540 (cloth);"1250047544 (cloth)"				
9780670022533;"0670022535"				
9780312591823 (hardcover);"0312591829 (hardcover)";"9781429962735 (e-book)";"1429962739 (e-book)"				
9781501111198 hardcover;"1501111191 hardcover";"9781501111204";"1501111205"				
9781335943910 (hardcover);"1335943919 (hardcover)";"065373025999 94391"				
9780425265093 (paperback);"0425265099 (paperback)"				
0441014798;"9780441014798"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780345479600 (pbk.);"0345479602 (pbk.)"				
9780727864468 (hbk.);"0727864467 (hbk.)";"9780727891891 (pbk.)";"0727891898 (pbk.)";"9780727864468"				
9780895876607 (softcover acid-free paper);"0895876604 (softcover acid-free paper)"				
9781787300279 (hardcover);"1787300277 (hardcover)";"9781948226165 (hardcover)";"1948226162 (hardcover)";"9781473549784"				
9780399156816;"039915681X"				
9780307379740 (hard cover : alk. paper);"0307379744 (hard cover : alk. paper)"				
9781451689556 (trade paper);"1451689551 (trade paper)"				
9780061241086 (pbk.);"0061241083 (pbk.)"				
9781501146800;"1501146807"				
9781416549673 (alk. paper);"1416549676 (alk. paper)";"9781439177136 (eBook)";"1439177139 (eBook)"				
9781400067848 (hbk. : acid-free paper);"1400067847 (hbk. : acid-free paper)";"9780679604334 (ebk.)";"0679604332 (ebk.)"				
9780425225974;"0425225976"				
9780385340854 (acid-free paper);"0385340850 (acid-free paper)"				
9780345547682 (acid-free paper);"0345547683 (acid-free paper)"				
9780312347482;"0312347480"				
9780399176111 (hardcover);"039917611X (hardcover)"				
9780446540162 (hardcover : alk. paper);"0446540161 (hardcover : alk. paper)";"9780446540155 (trade pbk. : alk. paper)";"0446540153 (trade pbk. : alk. paper)"				
9781937240059 (pbk. : alk. paper);"1937240053 (pbk. : alk. paper)"				
0758250932;"9780758250933"				
9780735224445 (hardcover);"0735224447 (hardcover)"				
0553091263 :				
9780312365462;"0312365462"				
9780399165276 (hbk.);"0399165274 (hbk.)"				

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9780826343369 (pbk. : alk. paper);"0826343368 (pbk. : alk. paper)"				
9780544962538 (hardback);"0544962532 (hardback)"				
9780374280024 (hardcover);"0374280029 (hardcover)"				
9780062672858 (paperback);"0062672851 (paperback)"				
0758201400;"9780758201409"				
9780812995886 (hardcover acid-free paper);"0812995880 (hardcover acid-free paper)";"9780812995893 (ebook)";"40029041309"				
9781552453797 paperback;"1552453790 paperback"				
0345480627;"9780345480620";"0345480635 (mass-market : acid-free paper)";"9780345480637 (mass-market : acid-free paper)";"9780345480620";"9780345480637"				
9781101985786 (hardcover);"110198578X (hardcover)"				
9781627797641 (hardback);"9781250160157 (paperback)"				
9780226279206 (paperback);"0226279200 (paperback)"				
9781640091672 hardcover;"164009167X hardcover"				
743223552				
9780525950486 (hardcover);"0525950486 (hardcover)";"40015455717"				
9781101966877 (hardcover : acid-free paper);"1101966874 (hardcover : acid-free paper)"				
9781416549666;"9781416549659";"141654965X"				
9780425250778 (pbk.);"0425250776 (pbk.)"				
9780425245767 (pbk.);"0425245764 (pbk.)"				
9780060585617;"0060585609 (alk. paper)"				
0451204212;"9780451227126"				
821775171				
9780373366286;"0373366280"				
9781939931528 (paperback);"1939931525 (paperback)"				
9780374292270 (cloth);"0374292272"				
9780441018680;"0441018688"				
9781402214318;"1402214316"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
161921055X (pbk.);"9781619210554 (pbk.)"				
9780525521211 (hardcover);"0525521216"				
9781401322410;"1401322417"				
9780310332312 (pbk.);"0310332311 (pbk.)";"9780310332329 (hbk.)";"031033232X (hbk.)"				
9780310250661 (softcover : alk. paper);"9780310321996 (hardcover : alk. paper)";"0310321999 (hardcover : alk. paper)";"0310250668 (softcover : alk. paper)"				
9781555978341 paperback;"1555978347 paperback"				
9781492660293 (trade pbk. alk. paper);"1492660299 (trade pbk. alk. paper)"				
9781250162946 (hardcover);"1250162947 (hardcover)";"9781250162939 (ebook)"				
9780062131836 (paperback);"0062131834 (paperback)"				
9781635760422 (paperback);"1635760429"				
9780385536318 (hbk.);"0385536313 (hbk.)"				
9780312385187;"0312385188"				
9781595544704;"1595544704"				
9780525954859 (hardcover);"0525954856 (hardcover)"				
045149380X;"9780451493804"				
9781101874080;"1101874082"				
9780765332714 (hardcover);"076533271X (hardcover)"				
9781510736412 (hardback : alk. paper);"1510736417"				
9780743246440				
9781451661514 (pbk.);"1451661517 (pbk.)"				
9780425243480;"0425243486"				
9781503953345 (hardcover);"1503953343 (hardcover)";"9781503952232 (paperback)";"1503952231 (paperback)"				
9781635060577 (hardcover);"1635060575";"9781635060584 (pbk.)";"1635060583"				
156947463X;"9781569474631"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781631495632 hardcover;"1631495631 hardcover"				
1569474265 (cloth);"9781569474266"				
9780765383068 (hardcover : alk. paper);"0765383063 (hardcover : alk. paper)";"9780765383112 (limited edition)";"076538311X (limited edition)"				
9780802128454 (hardcover);"0802128459 (hardcover)"				
9780872867000 (softcover);"0872867005 (softcover)"				
9780440000785 (hardcover);"0440000785";"9780440000822 (ebook)";"9781984802491";"1984802496";"0440000823";"9780440000822"				
9780312564537 (hbk.);"0312564538 (hbk.)"				
0544483936 (pbk.);"9780544236158 (hbk.)";"0544236157 (hbk.)";"9780544483934 (pbk.)"				
9780062429254 (hardback);"0062429256 (hardback)"				
9781476736471;"1476736472"				
9780385538893;"0385538898";"9780385537438";"0385537433"				
9781416598954 (alk. paper);"1416598952 (alk. paper)"				
9780312591830 (hardcover);"0312591837 (hardcover)"				
9781451639346 (hbk.);"1451639341 (hbk.)"				
0756402093;"0756401933"				
9781250079503 (hardcover);"1250079500 (hardcover)"				
0060831162;"9780060831165"				
9780345511812 (hardcover : alk. paper);"0345511816 (hardcover : alk. paper)"				
9781616952884 (hbk.);"1616952881 (hbk.)"				
1634097661;"9781634097666"				
9780385540070 (alk. paper);"0385540078 (alk. paper)"				
9780062092816;"0062092812"				
9780316393874;"0316393878"				
9781538711514 hardcover;"1538711516 hardcover"				
9780063244092 (hardcover);"0063244098 (hardcover)"				
9780063138186 (hardcover);"0063138182 (hardcover)"				

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9781476794266 (hardback);"147679426X (hardback)"				
9780374604059 (hardcover);"0374604053 (hardcover)"				
9780063224421 (hardcover);"0063224429 (hardcover)"				
9780802159748 (hardcover);"0802159745 (hardcover)"				
9781644452233 (paperback);"1644452235 (paperback)"				
9781946022547 (paperback);"1946022543 (paperback)"				
9781982143022 (hardcover);"1982143029 (hardcover)"				
0063116995 (hardcover);"9780063116993 (hardcover)"				
9781538706596 (hardcover);"1538706598 (hardcover)"				
9780063144767 (softcover) :;"006314476X (sc.)"				
1542039355;"9781542039352"				
9781982188702 (hardcover);"1982188707 (hardcover)";"40031225995"				
9781538706756 (trade paperback);"153870675X"				
9781250867636 (trade paperback);"1250867630 (trade paperback)"				
9781786185129 (hardcover);"1786185121 (hardcover)"				
1915202213 paperback;"9781915202215 paperback"				
9781609458171 (hardcover);"1609458176 (hardcover)"				
9780062979094 (hardcover);"0062979094 (hardcover)"				
9781324021728 (hardcover cloth);"1324021721 (hardcover cloth)"				
9781646221011 (hardcover);"164622101X (hardcover)"				
9781640096042 (hardcover);"1640096043 (hardcover)"				
9780593316535 (hardcover);"0593316533 (hardcover)"				
9781525899997 (pbk.);"1525899996 (pbk.)"				
9781538755167 hardcover;"1538755165 hardcover";"9781538740392 Barnes & Noble edition";"1538740397 Barnes & Noble edition"				
9780374277758 hardcover;"0374277753 hardcover"				
9780393868074 (hardcover);"0393868079 (hardcover)";"9781324050469 (paperback)";"1324050462 (paperback)"				
9781641294119;"1641294116"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781728248448 (trade paperback);"1728248442 (trade paperback)"				
9780778311881;"0778311880"				
9781641293457 (hardcover);"1641293454 (hardcover)"				
9781501187988 (hardcover);"1501187988 (hardcover)"				
9780062959379 (hardback);"0062959379 (hardback)";"9780062959386 (trade paperback)";"0062959387 (trade paperback)";"9780062959393 (ebook)"				
9781250819321 hardcover;"1250819326 hardcover"				
9781496739322 (pbk.);"1496739329 (pbk.)"				
9780593185575 hardcover;"0593185579 hardcover";"9780593185599 trade paperback";"0593185595 trade paperback"				
9781496740328 (paperback);"1496740327 (paperback)"				
9780358622369 (hardcover);"0358622360 (hardcover)";"0028310345"				
9781538710012 paperback;"1538710013 paperback"				
9780593298350 (hardcover);"0593298357 (hardcover)";"40031215678"				
9781538720295 (hardcover);"1538720299 (hardcover)"				
9780800739515 (paperback);"0800739515 (paperback)"				
9780593329344 (hardcover);"0593329341"				
9781448308446 (hbk);"1448308445 (hbk)"				
9781542035583 paperback;"1542035589 paperback"				
9780316504386 (pbk.);"0316504386 (pbk.)"				
9780778386865 (hardcover);"0778386864 (hardcover)";"9780778333104 (paperback)";"0778333108 (paperback)"				
9780778333043 (hardcover);"0778333043 (hardcover)"				
9780063218062 hardcover;"0063218062 hardcover"				
9781982185572 hardcover;"1982185570 hardcover"				
9781542039024 paperback;"1542039029"				
9780778311294 (paperback);"0778311295 (paperback)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781613163900 hardback;"1613163908";"9781613163955 paperback";"1613163959"				
9781982112790 (hardcover);"1982112794 (hardcover)"				
0812827139 :;"9780812827132"				
9781441819215;"1441819215";"9781441819215"				
0763625159 (alk. paper)				
9780802795540 (trade bdg.);"0802795544 (trade bdg.)";"9780802795557 (reinforced)";"0802795552 (reinforced)"				
0399218858;"9780399218859"				
9781619636101;"1619636107"				
9780593349893				
9780545581608 (v. 1);"0545581605 (v. 1)";"9781338741032 (v. 1)";"9780545935203 (v. 2)";"9781338741049 (v. 2)";"9780545935210 (v. 3)";"9781338611991 (v. 3)";"9781338741056 (v. 3)";"9780545935180 (v. 4)";"9780545935173 (v. 5)";"9781338741070 (v. 5)";"9781338236576 (v. 6)";"9781338290929 (v. 6)";"9781338236590 (v. 7)";"9781338323214 (v. 8)";"9781338535624 (v. 9)";"9781338680454 (v. 10)";"9781338801910 (v. 11)";"9781338896435 (v. 12)";"9781338896459 (v. 13)"				
-9694111106579				
-19431366236167				
078601296X (pbk.);"9780786012961 (pbk.)"				
9780063282902 (paperback);"0063282909"				
9780525516477 (hardcover);"0525516476 (hardcover)"				
9780307711779;"9780307711779";"YA 1553ACD Random House/Listening Library"				
9780439136358 (hc);"9781480614994 (Paw Prints)";"0439136350 (hc)";"0439136369 (pb)";"9780439136365 (pb)";"1480614998 (Paw Prints)";"9780545582933"				
9781368072243 (hardcover);"1368072240 (hardcover)"				
9780375856112 (hbk.);"9780307930743 (intl. tr. pbk.)";"0307930742 (intl. tr. pbk.)";"0375856110 (hbk.)";"9780375956119";"0375956115"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781569319017 (v. 1);"1569319014 (v. 1)";"9781591161844 (v. 3)";"9781591163374 (v. 4)";"9781421501918 (v. 9)";"1421501910 (v. 9)";"9781591166153 (v. 5)";"159116723X (v. 6)";"9781591167235 (v. 6)";"159116852X (v. 7)";"9781591168522 (v. 7)";"1421500752 (v. 8)";"9781421500751 (v. 8)";"1421504065 (v. 10)";"9781421504063 (v. 10)";"9781421506630 (v. 11)";"9781417784875 (v. 12)";"9781421506654 (v. 13)";"9781421515120 (v. 18)";"9781421534459 (v. 29)";"9781421534503 (v. 34)";"9781421534657 (v. 49)";"9781421539591 (v. 59)";"9781421573441 (v. 72)";"9781421580296 (v. 75)";"9781421582603 (v. 76)";"9781421585147 (v. 77)";"9781421588155 (v. 79)";"9781421590240 (v. 80)";"9781421591599 (v. 81)";"9781421592695 (v. 82)";"9781421594330 (v. 83)";"9781421597003 (v. 84)";"9781421598208 (v. 85)";"9781974700424 (v. 86)";"9781974701414 (v. 87)";"9781974703784 (v. 88)";"9781974705214 (v. 89)";"9781974707003 (v. 90)";"9781974707010 (v. 91)";"9781974710157 (v. 92)";"9781974712557 (v. 93)";"9781974715374 (v. 94)";"9781974718139 (v. 95)";"9781974719990 (v. 96)";"9781974722891 (v. 97)";"9781974725199 (v. 98)";"9781974729005 (v. 99)";"9781974732173 (v. 100)";"9781974734207 (v. 101)";"9781974736553 (v. 102)";"9781974738700 (v. 103)";"9781974741298 (v. 104)";"9781974743278 (v. 105)";"9781974745869 (v. 106)";"9781974749799 (v. 107)"				
0399147969 (alk. paper)				
9781616206307 (hardcover alk. paper);"1616206306 (hardcover alk. paper)"				
9781939454485;"1939454484"				
9781476778556 (hbk.);"1476778558 (hbk.)"				
9780385538619;"0385538618"				

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9780143124955;"0143124951"				
9781501150838 (hardcover) :;"1501150839 (hardcover) :"				
9780385540070 (alk. paper);"0385540078 (alk. paper)"				
9781250016843 (hbk.);"1250016843 (hbk.)"				
9780385536691 (alk. paper);"0385536690 (alk. paper)"				
684839540				
156512510X				
9781416555698 (hc);"1416555692 (hc)"				
9780881462579 (hardcover : alk. paper);"0881462578 (hardcover : alk. paper)"				
9780374257118 (hardcover : alk. paper);"0374257116 (hardcover : alk. paper)"				
375500082				
0786247045 (alk. paper)				
9780451496324;"0451496329"				
9780385350112 (Hardcover);"0385350112 (Hardcover)"				
9780805090925 (hbk.);"0805090924 (hbk.)"				
006018650X :				
9780385541527 (hardcover);"038554152X (hardcover)";"9781101973097 (softcover)";"1101973099 (softcover)"				
9780312354626;"0312354622"				
9780802123343 (hardback);"0802123341 (hardback)"				
0312865082 (acid-free paper)				
0312873328 (acid-free paper)				
0425210197;"9780425210192";"9780425210192"				
886777349				
9781594487446 (hbk.);"1594487448 (hbk.)"				
9780375425318;"0375425314"				
0312291426 :				
1594632146 (hardback);"9781594632143 (hardback)"				
0688172962 (hard cover)				

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9780062423368 (hardcover alk. paper);"0062423363 (hardcover alk. paper)";"9780062423382 (pb alk. paper)";"006242338X (pb alk. paper)"				
9781501146879 hardcover;"1501146874 hardcover"				
9781616953980 (hardback);"1616953985 (hardback)"				
9780062302472 (paperback);"0062302477 (paperback)"				
1609453778 (paperback) :;"9781609453770 (paperback) :"				
9780575094192 (pbk.);"0575094192 (pbk.)";"9781407230092 (pbk.)";"1407230093 (pbk.)"				
9780307730442 (pbk.);"0307730441 (pbk.)"				
9780061452024 (acid-free paper);"0061452025 (acid-free paper)"				
9781601627049;"1601627041";"9780991152834";"0991152832"				
0515094978 :;"9780515094978"				
9781420119671;"1420119672"				
0727885464 (cased);"9780727885463 (cased)";"9781847516541 (trade paper)";"1847516548 (trade paper)"				
0385240880 (pbk.) :				
9781455554621 hardcover;"1455554626 hardcover"				
9780316373807 (hardcover);"031637380X (hardcover)"				
9780547687124;"0547687125";"40022594568"				
9780802124579 (hardcover);"0802124577 (hardcover)"				
9780062641311 (hardcover);"006264131X (hardcover)"				
9780871406828 (hardcover);"0871406829 (hardcover)"				
9780062033680 (pbk.);"0062033689 (pbk.)"				
9780451493781 hardcover;"0451493788 hardcover";"9781101973387 paperback";"1101973382 paperback"				
9781501191152 (hardcover);"9781501173349 (softcover)";"1501173340 (softcover)";"1501191152 (hardcover)"				
0743417984 (pbk.);"9780743417983 (pbk.)";"0743211847 (hbk.)";"9780743211840 (hbk.)"				
0312273053 (alk. paper)				
9780727883582 (cased);"0727883585 (cased)"				

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9781101947180 (hardcover);"1101947187 (hardcover)";"9781101971161 (softcover)";"1101971169 (softcover)"				
0316466808;"9780316466806"				
9781101906545 hardcover;"1101906545 hardcover"				
9780756406608;"0756406609"				
9780802128249 (hardcover alk. paper);"0802128246"				
0060841664 (acid-free paper);"9780060841669 (acid-free paper)";"9780060841669"				
0345476131 (hc. : alk. paper);"034547614X (mm. : alk. paper)";"9780345504401"				
0802125913 (hardcover);"9780802125910 (hardcover)"				
9781250159892 (hardcover);"125015989X (hardcover)"				
030726310X				
9780062676139;"006267613X"				
9780425238714 (pbk.);"0425238717 (pbk.)"				
9780758232021 (pbk.);"0758232020 (pbk.)"				
9780307272799 (alk. paper);"0307272796 (alk. paper)"				
9780399160967 (alk. paper);"0399160965 (alk. paper)"				
9781451633924 (hardcover);"1451633920 (hardcover)"				
0425210049;"9780425210048"				
9780316232784;"0316232785"				
9780802125767 hardcover;"080212576X hardcover"				
9781594631719 (hbk.);"1594631719 (hbk.)"				
9781619026124 (hardback);"1619026120 (hardback)"				
1909807540;"9781909807549"				
9780399590245;"0399590242"				
9780307961716;"0307961710"				
1555976808 (paperback);"9781555976804 (paperback)"				
9781641716079;"9781631218163";"1085-7206 1085-7206 1084-7206 1"				
9798886470147;"1531-5568 1531-5568 1"				
9781641715614;"1538-1587 1538-1587 1"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781641715546;"1522-3280 1522-3280"				
9781641716130;"1541-1621 1541-1621 1090-6843 1"				
375421344				
9781439134122 (omni trade pbk.);"143913412X (omni trade pbk.)"				
9780451497543 (hardcover);"0451497546 (hardcover)";"9780451497550 (softcover)";"0451497554 (softcover)"				
9781501196881 (hbk.);"150119688X (hbk.)"				
9780553392654 (hardcover);"0553392654 (hardcover)"				
553380401				
9781400068388 (hardcover);"140006838X (hardcover)"				
9781250146113 (hardcover);"1250146119 (hardcover)";"9781250177315 (Canada & international)";"1250177316 (Canada & international)"				
9780062400796 (hardcover);"0062400797 (hardcover)"				
9781455595211 (hardcover);"1455595217 (hardcover)"				
9781607013600 (pbk.);"1607013606 (pbk.)"				
9780451477385 (hardcover);"0451477383 (hardcover)"				
9781250169730 (hardcover);"1250169739 (hardcover)"				
9781785651342;"178565134X"				
1941393357;"9781941393352"				
765307996				
145168861X;"9781451688610"				
9780345542601 (hardcover : alk. paper);"0345542606 (hardcover : alk. paper)"				
1416555609 (hc);"9781416555605 (hc)"				
9780765317865 (trade);"0765317869 (trade)"				
9780345511836 (hbk.);"0345511832 (hbk.)"				
9781481482592;"1481482599"				
9780399583407 hardcover;"0399583408 hardcover"				
553099729				
9780374123666 (hbk.);"0374123667 (hbk.)"				
9781480828780;"1480828785"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781476736471;"1476736472"				
9780425238882 (trade pbk.);"0425238881 (trade pbk.)"				
9781612195100 paperback;"1612195105 paperback"				
9780802118707;"0802118704"				
9780451231284 (pbk.);"0451231287 (pbk.)";"9781611290462";"1611290465"				
9780765333063 (pbk.);"0765333066 (pbk.)"				
9780312341404;"0312341407"				
9780312341428;"0312341423"				
9780765396372 (hardcover alk. paper);"0765396378 (hardcover alk. paper)"				
9781324000747 (hardcover);"1324000740 (hardcover)"				
9780670022366;"0670022365"				
0670032808 (alk. paper)				
0380976544 (alk. paper)				
0765309238 (acid-free paper)				
0765382881 (hardcover);"9780765382887 (hardcover)"				
670033732				
9780758217202 (pbk.);"075821720X (pbk.)"				
9780765344366 (pbk.);"076534436X (pbk.)"				
9780765323866;"0765323869";"9780765363589"				
0440236711 (pbk.) :;"9780440236719 (pbk.)"				
0061030996 (pbk.);"9780061030994 (pbk.)"				
9781416556015 (pbk.);"141655601X (pbk.)"				
0812515226 (pbk.) :;"9780812515220 (pbk.)"				
0812506898 :;"9780812506891 :"				
0425209571 (pbk.);"9780425209578 (pbk.)"				
553096045				
9781250072573 (paperback);"1250072573 (paperback)"				
1101903708;"9781101903704"				
9780062469687 (hardcover);"0062469681 (hardcover)"				
9781250049728 (hardback);"1250049725 (hardback)"				

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1594205337 (hardcover);"9781594205330 (hardcover)"				
9781402241284;"1402241283"				
553802090				
9780804138840;"0804138842"				
1250039010 (hbk.);"9781250039019 (hbk.)"				
9780307589255;"0307589250"				
9781250073075 (hardback);"1250073073 (hardback)"				
9781250040466 (hbk.);"1250040469 (hbk.)"				
9780525520177 (hardcover acid-free paper);"0525520171 (hardcover acid-free paper)"				
0679745661 (pbk.)				
9781590517116 (pbk.);"1590517113 (pbk.)"				
312304270				
9781101982730 (hardcover);"110198273X (hardcover)"				
9780765327345 (hardcover);"0765327341 (hardcover)";"9781429946438 (e-book)";"1429946431 (e-book)"				
9780312367114;"0312367112"				
0307263711 (alk. paper);"9780307263711"				
9781629536040 (hardcover);"1629536040 (hardcover)";"9781629536361 (paperback)";"1629536369 (paperback)"				
9781617737060 (pbk.);"1617737062 (pbk.)"				
1617737089;"9781617737084"				
739424956				
031286034X (alk. paper)				
9781594488085;"1594488088"				
0765300931 (alk. paper);"9780765346575"				
9780758284709 (softcover);"0758284705 (softcover)"				
9781462050857;"1462050859";"1462050840";"9781462050840"				
9781491756829;"1491756829"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781481474986 (hardcover);"1481474987 (hardcover)";"9781481461689 (paperback)";"1481461680 (paperback)"				
9781481444262 (hardcover);"1481444263 (hardcover)"				
9780399181061 (hardcover : alk. paper);"0399181067"				
375506307				
9780375423291;"037542329X"				
0743444531;"9780743444538"				
9780061783449 (pbk.);"0061783447"				
9780451415707 paperback;"0451415701 paperback"				
9780743444507;"0684803437"				
9780143116608;"0143116606"				
9780143121497 (paperback);"0143121499 (paperback)"				
9780143131137 (trade paperback);"0143131133 (trade paperback)"				
9780143114055;"0143114050"				
0380973324 (acid-free paper)				
9780692662779 (pbk.);"0692662774 (pbk.)"				
0307262820 (alk. paper);"9781439157176"				
9781416589631;"1416589635";"9781416589648"				
9781250047243 (hardcover);"1250047242 (hardcover)"				
9780743294775;"0743294777"				
9781402279058 (pbk. : alk. paper);"1402279051 (pbk. : alk. paper)"				
9781402279850 (pbk. : alk. paper);"140227985X (pbk. : alk. paper)"				
0316254002 :;"9780316254007 :"				
9781607013556 (pbk.);"160701355X (pbk.)"				
9781250047250 (hardcover);"1250047250 (hardcover)"				
0517582740 :				
9780778318033 (pbk.);"0778318036 (pbk.)"				
9780062671127 hardcover;"006267112X hardcover"				
0062021362 (pbk.);"9780062021366 (pbk.)"				
0374500010;"9780553272536";"0374399972";"0553272535";"9780374399979";"9780374500016"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
0018-165X 0018-165X 2				
9781619021754 (hardback);"1619021757 (hardback)"				
1619021692;"9781619021693"				
9780778319306 (paperback);"077831930X (paperback)"				
0399147500 (alk. paper)				
0312319517;"0312997221"				
0345461282 (hc.)				
345450388				
9780151013661;"0151013667"				
9781400068807 (hc);"1400068800 (hc)"				
9781250117397 (hardback);"1250117399 (hardback)"				
9780312580858;"0312580851"				
9780805464306;"0805464301"				
1558850694 :				
9781599952000;"1599952009";"9781599951997";"1599951991"				
9780316394963;"0316394963"				
399141294				
9780812997538 (hardcover : acid-free paper);"0812997530 (hardcover : acid-free paper)"				
9780425225974;"0425225976"				
865343918				
9780312678357 (hbk.);"0312678355 (hbk.)"				
9780385341448;"038534144X"				
9781590203187 (hbk.);"1590203186 (hbk.)"				
9781455528967 (hardcover);"145552896X (hardcover)"				
9780099537458 (pbk.);"0099537451 (pbk.)";"9780061825897";"0061825891"				
9780061995347 (hardcover);"0061995347 (hardcover)"				
9781451661514 (pbk.);"1451661517 (pbk.)"				
9780765390905 (hardcover);"0765390906 (hardcover)"				
9780765383693 hardcover;"0765383691 hardcover"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
0312856679 (acid-free paper) :				
9780765315755;"0765315750"				
9780765329967;"0765329964";"9780765329998 (trade pbk.)";"0765329999 (trade pbk.)"				
9781609452742;"1609452747"				
9780765319562;"076531956X"				
0395346363 :;"0743407296"				
9781941040294 paperback acid-free paper;"1941040292 paperback acid-free paper";"40025992048"				
1944700234 paperback;"9781944700232 paperback"				
0765315629;"9780765315625"				
9780770437299 hardcover;"077043729X hardcover";"9780770437312 paperback";"0770437311 paperback"				
9780765315762 (alk. paper);"0765315769 (alk. paper)"				
9780399158483;"0399158480"				
0312305001 (cloth) :				
1585671967				
0312352182;"9780312352189";"9780312352189"				
9780312379742;"0312379749"				
9780312367350;"031236735X"				
9780765330024 (hardcover);"0765330024 (hardcover)";"9780765330031 (trade pbk.)";"0765330032 (trade pbk.)"				
159780004X (trade hardcover);"9781597800044 (trade hardcover)";"1597800058 (limited edition)";"9781597800051 (limited edition)"				
9781597801447 (hbk.);"1597801445 (hbk.)"				
9780670015658 (hardback);"0670015652 (hardback)"				
0593051114 (hbk.);"0593051122 (pbk.)";"9780593051115";"9780593051122"				
9781524732738 (hardback);"1524732737 (hardback)"				
1773740121 (hardcover);"9781773740126 (hardcover)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
0765388456 (hardcover);"9780765388452 (hardcover)"				
0765308940 (acid-free paper)				
9780765334541 (hbk.);"0765334542 (hbk.)"				
0312863691 (acid-free paper)				
9781440588457 (hardback);"1440588457 (hardback)";"9781440588440 (softcover)";"1440588449 (softcover)"				
9780826355935 (cloth : alk. paper);"0826355935 (cloth : alk. paper)";"40025176621"				
9780593353103				
9781982180300 hardcover;"1982180307 hardcover"				
9781465485304;"1465485309"				
9780805210576;"0805208496 (pbk.)"				
9781338320251 (paperback);"1338320254 (paperback)"				
9780744079920 lib. bdg.;"0744079926 lib. bdg.";"9780744079913 pbk.";"0744079918 pbk."				
9781643753843 hardcover;"1643753843 hardcover"				
9781442407213				
031070930X (hdbk.);"9780310709305"				
9780593172667 (hc.);"0593172663 (hc.)"				
9781423190875 (hbk.);"1423190874 (hbk.)"				
9780545284165;"9780545284158 (jacketed hardcover)";"0545284155 (jacketed hardcover)"				
9781250068910 hardcover;"1250068916 hardcover"				
9781938103001 (paperback);"1938103009 (paperback)"				
9780670016433 (hardcover);"0670016438 (hardcover)"				
9781250034779 (hardback);"1250034779 (hardback)"				
9780062094667 (pbk.);"0062094661 (pbk.)"				
727859757				
0727863258 (hbk.)				
9780060829681 (pbk.);"0060829680 (pbk.)"				
9780727867445 (hbk.);"072786744X (hbk.)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780061876936 (trade pbk.);"0061876933 (trade pbk.)";"9780061876905 (hardcover)";"0061876909 (hardcover)"				
9780812995862 (hardback);"0812995864 (hardback)"				
0786248467 (alk. paper)				
9780758238955 (trade pbk.);"0758238959 (trade pbk.)"				
9781594146169 (hardcover : alk. paper);"1594146160 (hardcover : alk. paper)"				
9780312361372 (alk. paper);"0312361378 (alk. paper)"				
9781510720671 (hardcover);"1510720677 (hardcover)"				
9780758220158 (trade pbk.);"0758220154 (trade pbk.)"				
9780871403766 (hardcover);"0871403765 (hardcover)"				
9780316320320;"0316320323"				
9780062065896;"0062065890"				
9780307462237;"0307462234"				
0312334567;"9780312334567"				
9780062358325 (hardback);"0062358324 (hardback)";"9780062358332 (paperback)";"0062358332 (paperback)"				
9780374172077 (hbk.);"0374172072 (hbk.)"				
9780374210403 (hardcover);"0374210403"				
9781594149597 (hardcover);"1594149593 (hardcover)"				
1594143633;"9781594143632"				
9780399176081 hardcover;"039917608X hardcover"				
9780307595096 (alk. paper);"0307595099 (alk. paper)"				
1632860643 (hardcover);"9781632860644 (hardcover)"				
9780425245767 (pbk.);"0425245764 (pbk.)"				
9780425241776 (pbk.);"0425241777 (pbk.)"				
0609601008 (alk. paper)				
66214726				
9781936787357 (pbk.);"1936787350 (pbk.)"				
9780425236802 (trade pbk.);"0425236803 (trade pbk.)"				
0394570480 :				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781416567035;"1416567038"				
9780062011473 (trade pbk.);"0062011472 (tradepbk.)"				
9780316013581;"0316013587"				
345430557				
9780609603871;"0609603876"				
9780727885289;"0727885286"				
9780727884268 (hardcover);"0727884263 (hardcover)"				
1564781364 (pbk. : acid-free paper)				
9781250074423 (hardback);"1250074428 (hardback)"				
9781496422347 (hc);"1496422341 (hc)";"9781496415905 (sc)";"1496415906 (sc)"				
9780765322289;"0765322285"				
9781620402986;"162040298X"				
9781439198308 (hbk.);"1439198306 (hbk.)";"9781439199206 (ebk.)";"1439199205 (ebk.)"				
9780547577531 (hbk.);"0547577532 (hbk.)"				
312307535				
9780670021017;"0670021016"				
9781432834159 (hardcover);"1432834150 (hardcover)"				
9780802127143 (hardcover);"0802127142 (hardcover)"				
9780802122544;"080212254X";"9780091953935";"0091953936";"9780091953928";"0091953928"				
9780758289735;"0758289731"				
9781402229480;"1402229488"				
9781492639015 (paperback);"149263901X (paperback)"				
9781492639015 (paperback);"149263901X (paperback)"				
9781402253072 (pbk.);"1402253079 (pbk.)"				
9781402271786 (pbk.);"1402271786 (pbk.)"				
9781416549666;"9781416549659";"141654965X"				
9781416549666;"9781416549659";"141654965X"				
0345480600 (acid-free paper);"0345480619 (pbk. : acid-free paper)";"9780345480606"				

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0345428285;"0345428277 (alk. paper)"				
9781612183480 (pbk.);"1612183484"				
9780345480644 (hardcover : acid-free paper);"0345480643 (hardcover : acid-free paper)"				
9781416549673 (alk. paper);"1416549676 (alk. paper)";"9781439177136 (eBook)";"1439177139 (eBook)"				
9781416549635;"1416549633"				
9780446540230 (hbk.);"0446540234 (hbk.)";"9780446540216 (pbk.)";"0446540218 (pbk.)"				
0765314401 (alk. paper);"9780765314406 (alk. paper)"				
9780765380593 (hardcover);"0765380595"				
0312890397 (acid-free paper);"9780312890391 (acid-free paper)"				
9780525952855 (hardcover : alk. paper);"0525952853 (hardcover : alk. paper)"				
9780525952213 (hbk.);"0525952217 (hbk.)"				
0312327226;"9780312327224";"9780312327224"				
0743477669 (pbk.)				
9780345527899;"0345527895"				
030738280X;"9780307382801"				
0826323049 (cloth : alk. paper);"0826323057 (pbk. : alk. paper)"				
9781569474709;"1569474702"				
9781400064687 (alk. paper);"1400064686 (alk. paper)"				
9780312367251;"0312367252"				
9781476750347 (hardback);"1476750343 (hardback)"				
0451212746 (hardcover)				
9781542048972;"1542048974"				
9780525558835 (hardback);"0525558837"				
031286308X (acid-free paper);"9780312863081 (acid-free paper)"				
9780316074247;"0316074241"				
9781451656329 (pbk.);"1451656327 (pbk.)";"9781451656343 (ebk.)";"1451656343 (ebk.)"				
0802170536;"9780802170538"				

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9781569475140;"1569475148"				
9780670022526 (hbk.);"0670022527 (hbk.)"				
312275714				
0316016381;"9780316016384"				
9780062228918;"0062228919"				
9781616206178 (hardcover);"1616206179 (hardcover)"				
9780061692048;"0061692042"				
9781250032249 (hardcover);"1250032245 (hardcover)";"9781250032256 (e-book)";"1250032253 (e-book)"				
9780374239213 (hardcover);"0374239215 (hardcover)"				
312284993				
9781250127525 (hardcover);"1250127521 (hardcover)"				
9781597802895 (pbk.);"1597802891 (pbk.)"				
9780425265086 (pbk.);"0425265080 (pbk.)"				
9780735223349 (hardcover);"0735223343 (hardcover)"				
0312284713;"9780312284718"				
0525939857 (acid-free paper)				
0345480627;"9780345480620";"0345480635 (mass-market : acid-free paper)";"9780345480637 (mass-market : acid-free paper)";"9780345480620";"9780345480637"				
9781564787965 (hbk.);"1564787966 (hbk.)"				
9781250027597 (hardcover);"1250027594 (hardcover)"				
525939865				
9781616956028 (hardback);"161695602X (hardback)"				
425195988				
345480589				
345457587				
0345443268 :				
743246039				
0060542640 (acid-free paper)				
9780399591143 (hardcover);"0399591141 (hardcover)"				

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9781941411193 paperback acid-free paper;"1941411193 paperback acid-free paper"				
9781250079039 (hbk.);"1250079039 (hbk.)"				
9780385527217;"0385527217"				
9781250116093 (hardcover);"1250116090 (hardcover)"				
345483189				
9781451661101 (pbk.);"145166110X (pbk.)"				
0061143405;"9780061143403"				
9780345527950 (hardcover : alk. paper);"034552795X (hardcover : alk. paper)"				
9780399162589 (hardcover);"0399162585 (hardcover)"				
9780312580803 (hbk.);"0312580800 (hbk.)";"9781250015174 (ebk.)";"1250015170 (ebk.)"				
9780312580780 (alk. paper);"0312580789 (alk. paper)"				
9781681775524 (hardcover);"1681775522 (hardcover)"				
1594144370 (hardcover : alk. paper)				
9780399156823;"0399156828"				
9780895876607 (softcover acid-free paper);"0895876604 (softcover acid-free paper)"				
0553802585;"055338242x"				
0727863355 (hbk.)				
9781400067091 (hbk. : acid-free paper);"140006709X (hbk. : acid-free paper)"				
9780307377937 (hardcover);"0307377938 (hardcover)"				
9780758210593 (hbk.);"0758210590 (hbk.)"				
9781558616066 (pbk.);"1558616063 (pbk.)"				
031287457X (acid-free paper);"9780312874575 (acid-free paper)"				
9781594633294 (hbk.) :;"1594633290 (hbk.)"				
9781250071668 (hardback);"1250071666 (hardback)"				
9781451667370;"145166737X"				
9780544114531 (hardback);"0544114531 (hardback)"				
0727885499;"9780727885494"				

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9780727880574 (hbk.);"0727880578 (hbk.)"				
9780451412553 (pbk.);"0451412559 (pbk.)";"9780996946469";"0996946462";"071162007992"				
9781451654608 (trade pbk. original : alk. paper);"145165460X (trade pbk. original : alk. paper)"				
9780544279292 (hbk.);"0544279298 (hbk.)";"9780544484030 (pbk.)";"0544484037 (pbk.)"				
9781623170349 (softcover);"1623170346 (softcover)"				
9781468316339 (US hardcover);"1468316338 (US hardcover)";"9780715652916 (UK hardcover)";"0715652915 (UK hardcover)"				
9781250076427 (hardback);"1250076420 (hardback)"				
9780062391452 (hardcover);"0062391453 (hardcover)"				
0375507760 (acid-free paper)				
9781617730603 (paperback) :;"1617730602 (paperback) :"				
9780441020935 (hardcover);"0441020933 (hardcover)"				
9781619023444 (hardback);"161902344X (hardback)"				
9780312363512;"0312363516"				
9780385523219 (acid-free paper);"0385523211 (acid-free paper)"				
9780393244465 (hbk.);"0393244466 (hbk.)"				
0758254245 (pbk.);"9780758254245 (pbk.)"				
9780312382308;"0312382308"				
9781101903513;"1101903511"				
9780061655982;"0061655988"				
0727887769 (hardcover);"9780727887764 (hardcover)"				
9781594489358;"1594489351"				
0060006366 (cloth)				
9781451623680 (pbk.);"1451623682 (pbk.)"				
055310134X;"9780553101348"				
9780778369073 (paperback);"0778369072 (paperback)"				
9780778369073 (paperback);"0778369072 (paperback)"				
9780553418774;"9781410481702"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780778369073 (paperback);"0778369072 (paperback)"				
9780778369073 (paperback);"0778369072 (paperback)"				
9780553418774;"9781410481702"				
9780553418774;"9781410481702"				
9780553418774;"9781410481702"				
9780553418774;"9781410481702"				
9780553418774;"9781410481702"				
9780553418774;"9781410481702"				
9781410472922 (hardcover);"1410472922 (hardcover)"				
9781410472922 (hardcover);"1410472922 (hardcover)"				
9781410472922 (hardcover);"1410472922 (hardcover)"				
9781410472922 (hardcover);"1410472922 (hardcover)"				
9781410472922 (hardcover);"1410472922 (hardcover)"				
9781410472922 (hardcover);"1410472922 (hardcover)"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780062472984 (hardcover);"9780062472991"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780399583582 (paperback);"0399583580 (paperback)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780316435031 (hardcover);"0316435031 (hardcover)"				
9780142180785 (paperback);"0142180785 (paperback)"				
9780142180785 (paperback);"0142180785 (paperback)"				
9780142180785 (paperback);"0142180785 (paperback)"				
9780142180785 (paperback);"0142180785 (paperback)"				
9780399172922;"0399172920"				
006051518X (acid-free paper)				
9781451655780;"1451655789"				
9781410499646 (large print hardcover);"1410499642 (large print hardcover)"				
9781410490261 (hardcover);"1410490262 (hardcover)"				
9781839054006;"9781640977419"				
191329202548;"SDS1000803478 Paramount";"3000086718 Paramount (container)"				
9781416954859;"1416954856"				
9780439672436;"0439672430";"0439672449 (alk. paper)";"0439830192";"9780439672436";"56592628"				
9780618968633 (hbk.);"0618968636 (hbk.)"				
9781401293611 (paperback);"1401293611 (paperback)"				
9781455576265 (large print);"1455576263 (large print)"				
9781432846695 (large print hardcover);"1432846698 (large print hardcover)"				
9781468317022 (hardcover);"1468317024 (hardcover)";"9781419742422 (paperback)";"1419742426 (paperback)"				
9781529421217 hardback;"1529421217"				
9781538750568 (hardcover);"1538750562 (hardcover)"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780593237830 (hardcover acid-free paper) :;"0593237838 (hardcover acid-free paper) :"				
9781616081829 (hbk.);"1616081821 (hbk.)"				
9781839054006;"9781640977419"				
1419882198;"9781419882197";"883929073405";"3000022865 BBC Video";"2000017572-200017585 BBC Video"				
9781452145426 (alk. paper);"1452145423 (alk. paper)"				
741952788294;"EOE-DV-7882 EOne Films";"271188DV EOne Films"				
9780778387497 hc.;"0778387496 hc."				
9781664350342				
9780593172636				
9780794536367				
9781423142638 (hbk.);"1423142632 (hbk.)"				
0810984121;"9780810984127"				
0195150996;"0195151003 (pbk.)";"9780195151008"				
9781465458971 (hardback);"1465458972 (hardback)";"9781465480743 (paperback)";"1465480749 (paperback)"				
9780385544764 (hardcover);"0385544766 (hardcover)"				
9780593641361 (hardcover);"0593641361"				
9781631985065 (hardcover);"163198506X (hardcover)"				
9780062947925 (hardcover);"9780062947918 (paperback)";"0062947923 (hardcover)";"0062947915 (paperback)"				
0593639855;"9780593639856"				
078884508X;"9780788845086";"786936215595";"786936251507";"30078 Buena Vista Home Entertainment (container)";"I2624 Buena Vista Home Entertainment (disc 1)";"I2625 Buena Vista Home Entertainment (disc 2)"				
9781728296197 (paperback);"1728296196 (paperback)";"1464221391";"9781464221392"				
0515125024 (pbk.);"9780515125023 (pbk.)";"0425264386 (pbk.)";"9780425264386 (pbk.)"				

Exhibit A - Disposal of Property
Library and Information Services
February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780440245995 (pbk.);"0440245990 (pbk.)"				
9781455550722;"1455550728";"9780316734950";"0316734950"				
9780374281731 (hbk. : alk. paper);"0374281734 (hbk. : alk. paper)"				
9781501111679 (hardcover);"1501111671 (hardcover)"				
0375719202;"0679601104 :"				
9781410485373 (hardcover);"1410485374 (hardcover)"				
9781626250611 (pbk. : alk. paper);"1626250618 (pbk. : alk. paper)"				
9781400006007;"9781400006007"				
1419872028;"883929032037";"1000040999 Warner Home Video";"3000017664 Warner Home Video"				
9781668049778 (hardcover);"1668049775 (hardcover)"				
9780593466094				
9780399180668 (hardback : acid-free paper);"0399180664"				
9781667001937;"9781667001937";"42031 Findaway World"				
9788496708501;"8496708500"				
0316486981 (paperback);"9780316486989 (paperback)";"9781544441009 (FollettBound)";"1544441002 (FollettBound)"				
1524792497;"9781524792497"				
9781640093690 (hardcover);"1640093699 (hardcover)"				
9781646220502 (paperback);"1646220501 (paperback)"				
9780593159446 (Hardcover);"0593159446 (Hardcover)"				
9780778334200 (paperback);"0778334201 (paperback)"				
9780374602666 (paperback);"0374602662 (paperback)"				
9780593422021 (trade paperback);"0593422023 (trade paperback)"				
9780063213289 hardcover;"0063213281 hardcover";"9780063213296 paperback";"006321329X paperback"				
9781335621948 (paperback);"1335621946 (paperback)"				
9781538709252 (trade paperback);"1538709252 (trade paperback)"				
9780593598344 (trade paperback);"0593598342 (trade paperback)"				
9781250842268 (trade paperback);"1250842263 (trade paperback)"				
9780593469262 (paperback);"0593469267 (paperback)"				

Exhibit A - Disposal of Property
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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780143136514 (paperback);"0143136518 (paperback)"				
9781642861051 paperback;"1642861057 paperback";"9781912987283 paperback";"1912987287 paperback"				
9781982185381 (hardcover);"1982185384 (hardcover)"				
9781250827197 hardcover;"1250827191 hardcover"				
9780778333227 (hardcover);"0778333221 (hardcover)"				
9780593546130 paperback;"059354613X paperback"				
9781250809070 hardcover;"125080907X hardcover";"40031246104"				
9780593471630 (hardcover);"0593471636 (hardcover)"				
9780593335505 (hardcover);"0593335503"				
9780385547932 (hardcover);"0385547935 (hardcover)";"9780385548410 (open market)";"0385548419 (open market)"				
9780802162199 hardcover;"0802162193 hardcover"				
9780063267053 (hardcover);"0063267055 (hardcover)";"9780063267091 (paperback)";"0063267098 (paperback)"				
9781250272065 (hardcover);"1250272068 (hardcover)"				
9780593100080 (hardcover);"0593100085";"9780593100103 (trade paperback)";"0593100107 (trade paperback)"				
9780593489505 (hardcover);"0593489500 (hardcover)"				
9781645564706 (hardcover);"1645564703 (hardcover)"				
9781662505287 (hardcover);"1662505280 (hardcover)";"9781662505041 (paperback)";"1662505043 (paperback)"				
9781641293983 hardcover;"1641293985 hardcover";"40031402541"				
9780393541755 hardcover;"0393541754 hardcover"				
9781250814975 (hardcover);"1250814979 (hardcover)"				
9781250826084 (hardcover);"125082608X (hardcover)"				
9781250810298 hardcover;"1250810299 hardcover"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780358716891 (hardcover);"0358716896 (hardcover)";"9780063266315 (trade paperback)";"0063266318 (trade paperback)"				
9781250788979 (hardcover);"1250788978 (hardcover)"				
9781250191816 (hardcover);"1250191815 (hardcover)"				
9781250275141 (hardcover);"1250275148 (hardcover)"				
9780385547833 (hardcover);"0385547838 (hardcover)"				
9781982182700 (hardcover);"1982182709 (hardcover)"				
9781608095247 hardcover;"160809524X hardcover"				
9780812989113 (hardcover);"0812989112 (hardcover)"				
1419759752 (hardback);"9781419759758 (hardback)"				
9780374185725 hardcover;"0374185727 hardcover"				
9780805243697 (hardcover);"0805243690 (hardcover)"				
9781644452134 (paperback);"1644452138 (paperback)"				
9780593316443 hardcover;"0593316444 hardcover"				
1612199828 hardcover;"9781612199825 hardcover"				
9781250788832 hardcover;"1250788838 hardcover";"40031213179"				
9780063209749 hardcover;"0063209748 hardcover"				
9781618732019 (paperback);"1618732013 (paperback)"				
9780374604516 hardcover;"0374604517 hardcover";"40031214005"				
9780316430340 (hardcover);"031643034X (hardcover)"				
9780593438619 (trade paperback);"0593438612 (trade paperback)"				
9780063097582 paperback;"0063097583 paperback"				
9780593356319 (hardcover acid-free paper);"0593356314"				
9780593321096 (hardcover);"059332109X (hardcover)"				
9780593356562 (hardback);"059335656X (hardback)"				
9780593547304 (trade paperback);"0593547306"				
9780593534229 (hardcover);"0593534220 (hardcover)"				
9780593185919 (hardcover);"0593185919 (hardcover)"				
1913505367 (paperback);"9781913505363 (paperback)"				
9781636140636 (hardcover);"1636140637 (hardcover)"				
9781250198945 (pbk.);"1250198941 (pbk.)"				

Exhibit A - Disposal of Property
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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781668003022 hardcover;"1668003023 hardcover";"9781668003039 paperback";"1668003031 paperback"				
9780593355039 (hardcover);"0593355032 (hardcover)"				
9781335449528 (hardcover);"1335449523 (hardcover)"				
9780802159199 hardcover;"0802159192 hardcover";"40031069294"				
9780593299333 hardcover;"0593299337 hardcover"				
9781646221691 (paperback);"1646221699 (paperback)"				
9781646221486 (hardcover);"1646221486 (hardcover)"				
9780358251873 hardcover;"0358251877 hardcover";"9780063270145 paperback";"0063270145 paperback";"40031215648"				
9781616963620 (paperback);"161696362X (paperback)"				
9781250811783 (hardcover);"1250811783 (hardcover)"				
9781250799395 hardcover;"1250799392 hardcover"				
14 newspapers				
32 magazines				
9781335218728 hardcover;"1335218726 hardcover";"065373026996"				
9780312681951 (hardcover);"031268195X (hardcover)"				
9781501168772 (hardcover);"1501168770 (hardcover)"				
9780553807790 (acid-free paper);"055380779X (acid-free paper)";"9780440423119 (ebk.)";"0440423112 (ebk.)"				
9780670785964 : HRD;"0670785962 : HRD"				
9780062266552 (hardcover);"0062266551 (hardcover)";"9780062266569 (pbk.)";"006226656X (pbk.)"				
9780062195340;"0062195344"				
0062643045;"9780062643049"				
9780670022359 (hbk.);"0670022357 (hbk.)"				
9780373776726;"0373776721"				
9781451682694 (hbk.);"1451682697 (hbk.)"				
9780062231703;"0062231707";"0062234358";"9780062234353"				
9780373777716;"037377771X"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780373775798;"0373775792"				
9780758274793;"0758274793"				
9780751568363 (paperback);"1478948566 (paperback)";"9781478948568";"0751568368";"0751573051";"97807 51573053 (hardback)"				
9780764209048 (pbk.);"0764209043 (pbk.)"				
9780375424502;"0375424504"				
9780451229151;"0451229150"				
9780316036269 (hbk.);"0316036269 (hbk.)"				
9781933354859;"1933354852"				
9781640092402 hardcover;"1640092404 hardcover"				
0316693316;"0316693359 (cover p. [4])"				
9780452296237;"0452296234"				
1617754390 (hardcover);"9781617754395 (hardcover)";"9781617754401";"1617754404"				
9780373779291;"0373779291"				
9780758241795 (pbk.);"0758241798 (pbk.)"				
9781947793347 (pbk.);"1947793349 (pbk.)"				
9780373788439 (hardcover);"0373788436 (hardcover)"				
9780385350198 (hardcover) :;"0385350198 (hardcover)"				
9780307700285;"0307700283"				
9780451494429 (hard cover);"0451494423 (hard cover)"				
0525949860 (hardcover);"9780525949862 (hardcover)"				
9781507204054 (hardcover);"1507204051 (hardcover)"				
9780544464049 (hardback);"0544464044 (hardback)"				
0007149824 (acid-free paper);"9780007149827 (acid-free paper)"				
9780735219861 (hardcover);"0735219869 (hardcover)"				
9780553417883 (hardback);"0553417886 (hardback)"				
9781620401514 (hardback);"1620401517 (hardback)";"9781620401521 (e-book)"				
031398209096;"20909 Lionsgate"				

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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9780061242618 (trade bdg.);"0061242616 (trade bdg.)";"9780061242625 (lib. bdg.)";"0061242624 (lib. bdg.)"				
9780786838653;"0786838655";"9781423116967";"9780786856299";"0786282258";"0439865999";"9780545241809";"9781423134947";"0786856297 (hardcover)";"9780439861304"				
9781640976924;"2578-3068 1"				
9780241679029;"1548-1069 1548-1069 1"				
9781486716692				
0717288943;"9780717288946"				
9781452144252 (alk. paper) :;"1452144257 (alk. paper)"				
9781524769789 (paper over board);"1524769789 (paper over board)"				
0525462708;"9780525462705"				
078681988X (hardcover);"9780786819881 (hardcover)";"144874301X (PawPrints)";"9781448743018 (PawPrints)";"9780780457287 (PermaBound)";"0780457285 (PermaBound)";"0329374478";"9780329374471";"1413162673";"9781413162677";"9780439701808 (paperback)";"0439701805 (paperback)";"9781844280131 (hardcover Walker 2004)";"1844280136 (hardcover Walker 2004)";"1844285138 (paperback Walker 2004)";"9781844285136 (paperback Walker 2004)";"9780439686174";"0439686172"				
9780439358064;"9780545582971 (pbk.)";"0545582970 (pbk.)";"9780606323499";"060632349X";"043935806X"				
9780063065185 (trade);"0063065185 (trade)";"9780063065178 (pbk.)";"0063065177 (pbk.)"				
9780385386173 (v. 1 : hardcover);"0385386176 (v. 1 : hardcover)";"9780385386234 (v. 2 : hardcover)";"9780385386203 (v. 3 : hardcover)";"9781524714932 (v. 4 : hardcover)";"9781524714963 (v. 5 : hardcover)";"9780525644064 (v. 6 : hardcover)";"9780593379660 (v. 8 : hardcover)";"9780593488096 (v. 9 : hardcover)";"9780593488126 (v. 10 : hardcover)"				

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February 13, 2025

Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
9781631494130 (hardcover);"1631494139"				
9780802124883 (hardcover);"0802124887 (hardcover)"				
9781558614307 (paperback);"1558614303 (paperback)"				
0060928433 (pbk.);"9780060928438 (pbk.)"				
9780316519106 (hardcover);"0316519103 (hardcover)"				
039330907X;"0393029743 :"				
9781400034376;"9781400041169";"1400041163"				
0385354207;"9780385354202"				
9781780290201 (hbk.);"1780290209 (hbk.)"				
9781524747350 (hardcover acid-free paper);"1524747351 (hardcover acid-free paper)"				
0393312445;"0393035581"				
9780345530752 (hbk. : acid-free paper);"0345530756 (hbk. : acid-free paper)"				
0440225817;"9780440225812"				
9780399181221 (hardcover : alk. paper);"0399181229 (hardcover : alk. paper)"				
9780393652598 (hardcover);"0393652599"				
9781492632429 (pbk. : alk. paper);"1492632422 (pbk. : alk. paper)"				
1555977987;"9781555977986"				
0826328601;"0345379284 :"				
9780812997170 (alk. paper);"0812997174 (alk. paper)"				
9781250030894 (hardcover);"1250030897 (hardcover)"				
0062356941;"9780062356949"				
9781594204937 (hardback);"1594204934"				
9781582436449 (hbk.);"1582436444 (hbk.)"				
9781250065261 (hardcover);"1250065267 (hardcover)"				
9781585679591 (hbk.);"1585679593 (hbk.)"				
9781524761509 (hardcover);"1524761508 (hardcover)";"9781524761523 (ebook)"				
9780312358341;"0312358342"				
9781250016300 (hardback);"1250016304 (hardback)"				

Exhibit A - Disposal of Property
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Item Description	Location	Reason for Disposal	Estimated Current Value	Item Image
0385348452 (hbk.);"9780385348454 (hbk.)" 9781501167799 (hardcover);"1501167790 (hardcover)" 9780316216791;"0316216798" 9780802129376 (hardcover);"0802129374 (hardcover)" 9780062281258 (hbk.);"0062281259 (hbk.)";"9780062281272 (pbk.)";"0062281275 (pbk.)" 9780316323932 (hardcover);"0316323934 (hardcover)" 9780345543998 (hardback);"0345543998 (hardback)" 9780393292909 (hardcover);"0393292908 (hardcover)" 1681776162;"9781681776163"				
Total Estimated Current Value:			$2,095.00	

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: D10

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Administration

SUBJECT:
D10, Appointment of Van Billops to the Investment Advisory Board

BACKGROUND AND ANALYSIS:
The Investment Advisory Board provides input to the Governing Body regarding the management of a City Charter established Permanent Fund and associated investment policy, as well as other local government investment portfolios and associated policies.

The Board consists of seven members that are municipal residents. One member of the Board is appointed from each of the six City Council Districts and one member is appointed at-large. Knowledge or professional experience in public finance or public funds investing is desirable for Board members to possess.

Billops resides in City Council District 1 and previously served on the Board. If reappointed, Billops will serve a term (District 1) that expires on February 23, 2028.

IMPACT:
The appointment will fill a vacancy on the Investment Advisory Board caused by term expiration.

ALTERNATIVES:
Approve the appointment.

Do not approve the appointment.

DEPARTMENT RECOMMENDATION:
Mayor Hull recommends the appointment of Van Billops to the Investment Advisory Board.

ATTACHMENT: Billops Resume

[redacted] [redacted]

Van J. Billops, CPA/PFS, AIF, CEP

Objective

Compliance and Regulation Oversight, Tax Preparation, Audit, Personal Financial Specialist, Accredited Investment Fiduciary, and Certified Estate Planning

Current Boards

Rio Rancho Investment Advisory Board
Meals on Wheels
South ABQ Cooperative Ministries (Food Pantry)

Experience

2021–Current NM Gaming Control Board Albuquerque, NM
Board Commissioner – CPA Member

Oversee and monitor the state's policy on gaming consistent with the provisions of the Gaming Control Act, the Bingo and Raffle Act, and the 2015 Indian Gaming Compact.

2020–2021 Germer & Co Santa Fe, NM
Tax Manager
(Seasonal tax preparation and consulting)

2019–2020 REDW Wealth Albuquerque, NM
Tax and Investment Manager

Work with high-net-worth individuals on their investments and retirement planning. Assist clients with their year-end taxes and tax planning

2017–2019 REDW Stanley Albuquerque, NM
Tax Senior Manger

Accounting, Tax, Audit, Bookkeeping, Personal Financial and Estate Planning – (C-Corp; S-Corp; Partnerships; Trusts; Individuals; and Nonprofit)

2015–2017 Hinkle + Landers, PC Albuquerque, NM
Tax and Accounting Manager

- Accounting, Tax, Audit, Bookkeeping, Personal Financial and Estate Planning – (C-Corp; S-Corp; Partnerships; Trusts; Individuals; and Nonprofit)

2009–2015 Billops & Associates, LLC Santa Fe, NM
Owner – CPA Practice (small business)

- Accounting, Tax, Audit, Bookkeeping, Personal Financial and Estate Planning – 310 clients (C-Corp; S-Corp; Partnerships; Trusts; Individuals; and Nonprofit)

2009–2012

- Accounting – Zeno Capital – Family owned investment office (Hedge Funds, Limited Partnerships, Oil and Gas interests); Charitable Trust

2008–2009 Thornburg Mortgage Co Santa Fe, NM

SEC Financial Reporting Manager

- Oversee production, review and filing of company 10Q, 10K, 8K, and various SEC required filings.

1993–2008 Thornburg Investment Mgt Santa Fe, NM

Mutual Fund Accountant

- Conduct/oversee distribution of daily correspondence with company officers, department heads, legal, compliance, custodian, and firm trustees.
- Function as liaison to PricewaterhouseCoopers for annual audits (participated in 150+ audits)
- Prepare annual/semi-annual financial statements for 14 mutual funds -- including multiple classes or shares. (300+ financials prepared)
- Prepare materials for quarterly trustee/presidents meetings
- Coordinate with legal and marketing staff for yearly prospectus/SAI updates
- Perform internal audits and monitor internal controls on an ongoing basis

Other skills

- Work with senior managers to assess department competencies and requirements in order to develop ongoing strategic development and maintain and manage a recruiting plan
- Work with hiring managers to assess accuracy of departmental job descriptions as well as to ensure incoming candidates for senior departmental hires are a "good fit" by participating in interviews, phone assessments and face-to-face dialogues
- Spearheading/conducting training for incoming senior level managers
- Leading and actively participating in decision-making meetings for accounting department as well as for interdepartmental support events (corporate fundraising, teambuilding, recruitment, etc.)

Education

CPA (certified public accountant) – Licensed in NM

CPA/PFS

CEP (Certified Estate Planner)

Series 65

University of New Mexico Albuquerque, NM

- B.B.A., Business Administration and Accounting

Hobbies/Interests

Ironman triathlete and multiple marathon finisher

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: D11

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Administration

SUBJECT:
D11, Appointment of David Jablonski to the Investment Advisory Board

BACKGROUND AND ANALYSIS:
The Investment Advisory Board provides input to the Governing Body regarding the management of a City Charter established Permanent Fund and associated investment policy, as well as other local government investment portfolios and associated policies.

The Board consists of seven members that are municipal residents. One member of the Board is appointed from each of the six City Council Districts and one member is appointed at-large. Knowledge or professional experience in public finance or public funds investing is desirable for Board members to possess.

Jablonski resides in City Council District 4 and previously served on the Board. If reappointed, Jablonski will serve a term (at-large seat) that expires on February 23, 2028.

IMPACT:
The appointment will fill a vacancy on the Investment Advisory Board caused by term expiration.

ALTERNATIVES:
Approve the appointment.

Do not approve the appointment.

DEPARTMENT RECOMMENDATION:
Mayor Hull recommends the appointment of David Jablonski to the Investment Advisory Board.

ATTACHMENT: Jablonski Resume

DAVID R. JABLONSKI

[redacted]

EDUCATION

Bachelor of Arts from the University of New Mexico, 1994
Major in Criminal Justice/Minor Political Science

PROFESSIONAL EXPERIENCE

Strategic Operations Director, University of New Mexico Health Sciences-Project ECHO
January 2020-Current (Full Time)

- Promoting and expanding ECHO programs to other healthcare and corrections professionals statewide and nationally, developing relations with other corrections officials to replicate ECHO model, providing guidance/recommendations to ECHO leadership on legislative policies/govt affairs, assistance in the AHRQ ECHO Nursing Home COVID Project, and facilitating new contracts between ECHO and government agencies, senior advisor to the Director of Project ECHO.

Cabinet Secretary, NM Corrections Department
November 2016-December 2018 (Full Time)

- Appointment by the governor and unanimously confirmed by NM Senate as Corrections Secretary which includes managing operations of the Adult Prisons Division, Facilities Management, Probation/Parole Division, ASD/Budget Office, Information Technology, Legal Office, Inspector General, Medical Services/Behavioral Health, Training Academy, Human Resources, Audit/Compliance Office, Corrections Industry, Education Bureau, and Office of Security Intelligence. Providing testimony for various legislative committees, development of policies/procedures for the department, and responsible for 330 million dollar budget.

Deputy Superintendent, NM Regulation and Licensing Department
November 2015-November 2016 (Full Time)

- Management and supervision of various regulatory divisions including Securities, Boards/Commissions, Alcohol/Gaming, Financial Institutions, Recycled Metals, and Construction Industries. Oversight of ASD which includes budget office, law enforcement bureaus, Human Resources and Information Technology. Review and implementation of policies/procedures and legislative proposals.

Cabinet Director, Office of the Governor
August 2011-November 2015 (Full Time)

- Appointment by the governor to oversee (8) cabinets which included Public Safety, Corrections, Veterans Affairs, Military Affairs, Homeland Security, Game/Fish, Children, Youth, and Families, and Energy/Minerals Natural Resource Department. Duties include management of operations, policies/procedures, and budget. Involved in legislative sessions and high level advisor to the chief of staff/governor.

Director, Probation/Parole Division-NM Corrections Department
February 2011-August 2011 (Full Time)

- Appointment by the governor as Director of the Probation/Parole Division which included oversight of 500 employees/32 million-dollar budget. Other areas of supervision included human resources, budget, Interstate Compact Office, Fugitive Apprehension Units, Training, and Audit/Compliance Office. Directly managed the operations and policies for all the region managers, supervisors and probation/parole staff.

Deputy Director, Probation/Parole Division-NM Corrections Department
February 2007-February 2011 (Full Time)

- Manage and oversee probation/parole staff statewide which included Budget Office, Human Resources, Audit/Compliance, Community Corrections, Training Division, Interstate Office and five Region Managers. Responsible for creation and implementation of correctional policies, approval of disciplinary actions statewide, union mediation, and submission of budget performance measures.

Region II Manager, Probation/Parole Division-NM Corrections Department
May 2004-February 2007 (Full Time)

- Manage and oversee over (70) probation/parole staff, which includes support staff, compliance officer, probation/parole officers, and district supervisors. Duties include disciplinary action, budget procurement, district audits, providing training, enforce department polices/procedures and directives from upper management, hiring of staff, and management of resources within the region.

Law Enforcement Training Instructor, NM Corrections Academy
April 2003-May 2004 (Full Time)

- Development of lesson plans for probation/parole staff for the state and coordinating all in-service and basic training courses at the Corrections Academy including firearms program; providing curriculum and scheduling for training; ensuring record keeping of training certificates and hours; and making recommendations to the Director of the Training Academy.

District Supervisor, Probation/Parole Division- NM Corrections Department
June 2001-April 2003 (Full Time)

- Supervising probation/parole officers and support staff to ensure compliance with policies and procedures; responsible for disciplinary action and evaluations of staff; providing training and direction on case management; assignment of new cases and conducting weekly audits of cases.

Probation/Parole Officer, Probation/Parole Division-NM Corrections Department
July 1997-June 2001 (Full Time)

- Supervising and monitoring convicted felons placed on probation and/or parole; enforcing orders from the Court and Parole Board; acting as a Peace Officer by issuing warrants and making arrests; conducting investigations and field visits; testifying in court and making recommendations.

Military Law Enforcement Officer, United States Air Force
October 1987-September 1991(Full Time)

- Enforcement of federal laws on military installations; apprehending violators of federal laws; conducting investigations and testimony in federal courts; providing security for military resources and personnel.

PROFESSIONAL ACCOMPLISHMENTS

Public Information Officer Certification; Prior board member of the NM Criminal Justice Association; authored article entitled “Innovative Approach to Sex Offender Supervision” published in ACA Annual Review; Presenter at ACA Annual Conference, Nashville, TN (01/06) on Sex Offender Management; Center Sex Offender Management Seminar, Washington DC (12/06); Appointed by the NM Supreme Court to serve on the NM Drug Court Advisory Committee; Appointment to the NM Interstate Compact Commission by Governor Martinez; Appointments by Governor Martinez to serve on the NM Supreme Court Judicial Nominating Commission (10/2015 & 01/2019) and NM Court of Appeals Judicial Nominating Commission (01/2016,12/2016, & 01/2019); Chief Financial Officer for NM RLD; Recipient of the NM Medal of Merit from Governor Martinez and NM National Guard General; Honorable Discharge from US Air Force recipient of AF Achievement Medal with oak leaf cluster, AF Good Conduct Medal, National Defense Service Medal in support of Operation Desert Storm/Shield, AF Overseas Short Tour Ribbon, and NCO PME Graduate Ribbon.

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: D12

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Administration

SUBJECT:
D12, Appointment of Kelly Wainwright to the Investment Advisory Board

BACKGROUND AND ANALYSIS:
The Investment Advisory Board provides input to the Governing Body regarding the management of a City Charter established Permanent Fund and associated investment policy, as well as other local government investment portfolios and associated policies.

The Board consists of seven members that are municipal residents. One member of the Board is appointed from each of the six City Council Districts and one member is appointed at-large. Knowledge or professional experience in public finance or public funds investing is desirable for Board members to possess.

Wainwright resides in City Council District 6 and previously served on the Board. If reappointed, Wainwright will serve a term (District 6) that expires on February 23, 2028.

IMPACT:
The appointment will fill a vacancy on the Investment Advisory Board caused by term expiration.

ALTERNATIVES:
Approve the appointment.

Do not approve the appointment.

DEPARTMENT RECOMMENDATION:
Mayor Hull recommends the appointment of Kelly Wainwright to the Investment Advisory Board.

ATTACHMENT: Wainwright Resume

KELLY M. WAINWRIGHT

[redacted]

Bachelor of Business Administration
NEW MEXICO STATE UNIVERSITY; Las Cruces, New Mexico
Emphasis: Finance

PROFESSIONAL EXPERIENCE

SANDIA LABORATORY FEDERAL CREDIT UNION; Albuquerque, New Mexico Jun 22 to Present

COMMERCIAL LENDER 1

- Responsible for Building a commercial loan and deposit portfolio for the Credit Union through the acquisition, development and maintenance of all business member relationships. Develops referral sources and implements sales plans in accordance with Credit Union sales and lending strategies. Approves loans within designated loan authority and policy guidelines.
- Identify, prospect and originate new business with the Credit Union's target market. Drive the loan application and closing process for all new commercial credit relationships. Oversee and/or execute loan agreements by business borrowers and manage complex, high-level business deposit relationships.
- Manage the sales process through development of leads, pipeline management and marketing strategy implementation. Provide recommendations and solutions that lead to better commercial loan and deposit development and sales strategies.
- Provide a superior member experience by actively listening to and assessing the needs of the member, identifying and recommending solutions, and referring members to the appropriate person or department.
- Work with the Marketing team on the development and execution of marketing strategy as it relates to business services.

NEW MEXICO BANK & TRUST; Albuquerque and Rio Rancho, New Mexico Feb 05 to Jun 22

VICE PRESIDENT
Sales Area Manager/Banking Center Manager / Business Banker / Business Loan Officer

- Responsible for overall performance of 3 branches – Directly manages the 3 banking center teams as well as enhancing inside and outside sales. Develops new business relationships through community involvement and creates exceptional customer experience by handling all customer needs.
- Continually develops and maintains revenue-generating business and retail/consumer client relationships through the use of strong communication, sales-closing, organization and relationship-building skills
- Consistently guides associates in developing their careers by providing leadership, on-going coaching, individual development plans and annual reviews
- Accurately analyzes clients' financial and operating strategies and recommends alternative or additional financial services to best meet their immediate and longer-term business needs
- Efficiently processes loans, including taking applications, inputting information to the system, obtaining loan document signatures and expertly answering any client questions
- Ranked as one of the top business lenders in both new growth and net growth (2018) for similar sized branches in the entire holding company of Heartland Financial
- Branches under my management have repeatedly grown in both deposits and profitability

BANK OF AMERICA; Albuquerque, New Mexico Nov 97 to Feb 05

ASSISTANT VICE PRESIDENT
Commercial Banking Client Manager Nov 03 to Feb 05

- Managed a client portfolio of approximately 175 high-value business clients in such a way that they regarded me as "their banker", the first person to whom they would come with their banking needs
- Responsible for developing new business for the bank through outside & inside sales activities geared toward both personal and business clients
- Accountable for sales, retention of clients, new client development, revenue growth, client satisfaction, and demonstrating product knowledge expertise

Banking Center Manager Apr 99 to Nov 03

- Accountable for banking center achieving sales goals and exceeding customer service expectations
- Guided associates in developing their careers with Bank of America

Personal Banker IV Nov 97 to Apr 99

- Contacted portfolio clients to help them with their banking needs
- Opened all types of accounts for customers

ENT FEDERAL CREDIT UNION; Colorado Springs, Colorado May 95 to Oct 97

Consumer Loan Processor/Closer Nov 96 to Oct 97

- Prepared home equity loans, lines of credit and FHA Title One home improvement loans for closing
- Closed, funded and disbursed consumer real estate loans with members

Mortgage Loan Processor Sep 95 to Nov 96

- Prepared FHA, VA, and Conventional loans for closing
- Dealt directly with real estate agents, loan officers and closers
- Ordered required documentation, including credit reports, title work, and appraisals
- Finalized processing of loan file prior to closing

NORWEST BANKS OF NEW MEXICO; Albuquerque, New Mexico Jul 94 to May 95

Loan Analyst

- Performed analysis of Commercial loan proposals using various computer-generated spreadsheets
- Prepared detailed loan packages for approval
- Managed several commercial loan portfolios

WESTERN BANK OF LAS CRUCES; Las Cruces, New Mexico Mar 91 to Jan 94

Loan Analyst May 93 to Jan 94

- Analyzed financial statements and tax returns on commercial loans
- Prepared loan proposals for Loan Officers
- Assisted with conducting loan presentations
- Maintained loan analysis database computer system on a daily basis

Head Teller/Loan Teller Mar 91 to May 93

- Supervised and audited tellers at three branches
- Assisted customers with problem resolutions and inquiries
- Provided assistance with customer loan payments and concerns

COMMUNITY SERVICE

City of Rio Rancho Investment Advisory Committee member – Nominated by Mayor
Sandoval Treasurer's Investment Committee member – Nominated by County Treasurer
Rio Rancho Public Schools Audit Committee member – appointed by Superintendent Dr. Sue Cleveland
Rio Rancho Regional Chamber of Commerce Board of Directors – Treasurer
Rotary Club of Rio Rancho Sunrise – served as President, Vice President,
Treasurer and Chair of several committees
YMCA of Rio Rancho – Board member

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: D13

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Development Services

SUBJECT:
D13, Site Plan Approval for a Medical Office Building at the Property Legally Described as The Village, Tract G4

BACKGROUND AND ANALYSIS:
The subject property is legally described as The Village, Tract G4, and consists of approximately 1.29 acres. The subject property is zoned SU: Special Use per Ordinance No. 21, Enactment No. 07-22. This Ordinance designates this area as SU for Commercial/Office District as described in the Cabezon Communities Mater Plan, which governs this area.

The main purpose of this Master Plan is to designate land uses and anticipated zoning categories for those land uses, along with providing design guidelines. It states that the intent is to provide for most uses that are allowed in the City's C-1 and O-1 districts. Among the permissive uses listed in this category are "Medical complexes, professional offices associated with medical complexes, and veterinarians" which matches the proposed use.

CONFORMANCE WITH THE CITY ZONING ORDINANCE:
The Rio Rancho Code of Ordinances (R.O. 2003) §154.43 (3) requires “All SU zoned property must have a Site Plan approved by the Governing Body. The Site Plan may accompany the application for a change in zoning designation or may be submitted for approval at a later date.

Approval of the Site Plan must be obtained prior to any development of the property.” Pursuant to the criteria provided by R.O. 2003 § 154.43 (3)(a) through (3)(j), the Site Plan, at a minimum, shall contain the following:

a. Scale and north arrow; criteria is satisfied.
b. Lot boundaries and easements; A 10 ft Public Utility Easement surrounds the property to the west and south; criteria is satisfied.
c. Existing and proposed utilities; this has been added to the list of conditions.
d. Existing and proposed rights-of-way; criteria is satisfied.
e. Proposed structure with uses, dimension, and setbacks; The building height at the highest point is 20 feet, in compliance with the Cabezon Communities Mater Plan, which states buildings that are up to 75 feet in height or 5 stories above ground level are permissible. Building setbacks are over 10 ft from all rights-of-way, and the parking areas are a minimum of 15 feet from the rights-of-way, also in compliance with the Cabezon Communities Mater Plan; criteria is satisfied.
f. Proposed ingress, egress, parking, and circulation; One access point to the site will be provided to the northwest end of the property, off of Trail Side Rd. SE. The office and professional use of the property requires 1 space per 300 sq. ft. which equates to 47 required parking spaces for a 14,000 sq ft building; the Site Plan proposes 55 spaces and meets the required ADA parking spaces (4);

criteria is satisfied.
g. Landscaping and landscape buffers; Per the landscape plan, 16,453 square feet of landscaping will be provided. The required landscape area is a minimum of 10%, which would be 12,632 square feet. The plan also states that there will be at least one tree for every 10 parking spaces (5 total). Applicant has provided detailed landscape plan with species type. Enhanced landscaping requirements outlined in the Cabezon Communities Master Plan will be confirmed at Building Permit review as listed in conditions of approval; criteria is satisfied.
h. Elevations; Per the Cabezon Communities Master Plan: "Building materials will be natural rather than synthetic, in warm colors ranging from light to dark tans, terracotta red to deep browns." The elevations show the building materials as stone in warm brown and beige tones; criteria is satisfied.
i. Adjacent property characteristics; The property to the east, west and north are zoned SU: Special Use under the same Ordinance as the subject property. The property to the south is zoned SU: Special Use per Ordinance No. 21, Enactment No. 07-22.
j. Preliminary drainage plan; criteria is satisfied.

NOTIFICATIONS:
Adjacent property owners were notified of this hearing by mail. A notice sign was posted on the property on February 6, 2025. A legal notice was published in the January 29, 2025 edition of the Albuquerque Journal for the Governing Body meeting. All legal notification requirements for this project have been met.

INTERDEPARTMENTAL/INTERAGENCY REVIEW:

Reviewing Agency	Received Application for Review	Comments
DSD Planning and Zoning	X	Provided within this document
DSD Engineering	X	Comments attached
Rio Rancho Public Schools	X	No comments provided
Fire and Rescue	X	Comments attached
Police Department	X	No comments provided
SSCAFCA	X	No adverse comments
MRCOG	X	No adverse comments
Parks, Recreation and Community Services	X	Comments attached

IMPACT:
The Development Services Department recommends the Governing Body approve the applicant's request for a Site Plan approval with the following findings of fact and conditions of approval.

GENERAL FINDINGS:
1. R.O. 2003 Section 154.43 (3) requires Site Plan approval by the Governing Body;
2. The applicant has the authority to apply for Site Plan approval;
3. The applicant and adjacent property owners received due process as proper notice and a full opportunity to present views were given.

SPECIFIC FINDINGS AND CONDITIONS OF APPROVAL:
1. The subject property is zoned SU: Special Use District by Ordinance No. 21, Enactment No. 07-22. The SU: Special Use zoning designation requires that a Site Plan be reviewed and approved by the Governing Body.
2. The Site Plan conforms to the Rio Rancho Code of Ordinances (R.O. 2003) Section 154.43.
3. Development of the site will conform to all City ordinances, standards, and specifications.
4. The review and subsequent building permit applications will ensure conformance to the approved

Site Plan and City ordinances, standards, and specifications.
5. Landscaping and design shall comply with the Cabezon Communities Mater Plan.
6. The signage of the development shall adhere to the Sign Code Ordinance.
7. The applicant shall address all of the Site Plan reviewer comments including but not limited to: access may be subject to change based on further review of the access spacing.
8. Existing and proposed utilities shall be included with the building application.
9. The applicant shall obtain a water, wastewater approval.
10. The Director of the Development Services Department may approve minor changes to this Site Plan if the changes are consistent with the use and other written requirements and/or conditions of approval, if the buildings are the same general configuration, if the total square footage is not greater than 10% of the approved plan, the site circulation is similar in its effect on adjacent property or streets, and the approving official finds that neither the City nor any person will be substantially aggrieved by the altered Site Plan.
11. This approval is valid for a period of three years from date of approval, in which time a building permit for the proposed structures must be applied for and issued, remain active, and the authorized construction shall be started and diligently pursued to completion without cessation of 30 days.

ALTERNATIVES:

1. The Governing Body may approve the site plan.
2. The Governing Body may deny the site plan.
3. The Governing Body may modify the site plan request and approve such modifications.
4. The Governing Body may continue the public hearing to request additional information or to consider testimony provided at the public hearing.

DEPARTMENT RECOMMENDATION:

The Development Services Department recommends the Governing Body approve the applicant's request for a Site Plan approval with the following findings of fact and conditions of approval.

ATTACHMENT: Application
ATTACHMENT: Agent Authorization
ATTACHMENT: Map
ATTACHMENT: Plans
ATTACHMENT: Staff Comments
ATTACHMENT: Reproduction of Notices

Development Services Department, Ste. 130
3200 Civic Center Circle NE, Rio Rancho, NM 87144
(505) 891-5005

PLANNING & ZONING LAND USE APPLICATION

Please check appropriate box

Administrative Permit	Plan	Subdivision	Zoning
☐ Community Residential Care Facility	☐ Comprehensive Plan Amendment	☐ Final Plat	☐ Annexation
☐ Development Review Committee (DRC)	☐ Corridor Plan Amendment	☐ Preliminary Plat	☐ Appeal
☐ Home Occupation	☐ Master Plan	☐ Summary Plat	☐ Conditional Use Permit
☐ Model Home / Sales Office	☐ Master Plan Amendment	☐ Vacation of Plat/Street	☐ Master Sign Plan
☐ Residential Child Care Facility 6 or <	☐ Specific Area Plan Amendment	☐ Street Name Change	X Site Plan
☐ Sign Permit	☐ Text Amendment	☐ Subdivision Interpretation	☐ Special Exception
☐ Other		☐ Subdivision Variance	☐ Variance
			☐ Zone Map Amendment
			☐ Zoning Certification
			☐ Zoning Interpretation

Please Print In Ink Only or Type
Application must be complete. Please attach the appropriate checklist for the action you are requesting, if applicable.

APPLICANT/AGENT INFORMATION

Applicant Name: D. McCall		Phone: 505-345-4444
Address: 703 Osuna Road NE, Ste 6		E-Mail: dmccall@midwayleasing.net
City: Albuquerque	State: NM	Zip: 87113
Proprietary Interest: Property under contract	List Owners: Sandia View LLC	
Deed or Ownership Verification Provided: (Initials) SAE	Letter of Authorization Provided: (Initials) SAE	
Agent Name: Huitt-Zollars, Inc. (Scott Eddings)		Phone: 505-235-7211
Address: 333 Rio Rancho, Suite 101		E-Mail: seddings@huitt-zollars.com
City: Rio Rancho	State: NM	ZIP Code: 87124

DESCRIPTION OF REQUEST: (PLEASE ADD ADDITIONAL SHEET(S) IF NECESSARY)

Site Plan Approval

SITE INFORMATION: (PLEASE PROVIDE ACCURATE LEGAL DESCRIPTION)

Subdivision/Unit : The Village	Block(s):	Lot(s): G
Existing Zoning:SU	Proposed Zoning: SU	
No. of existing lots: 1	No. of proposed lots:1	Total area of site (acres) 1.29

ACKNOWLEDGEMENT

I hereby acknowledge that I have read this entire application and affirm that all information provided is correct. I agree to comply with the requirements of the City of Rio Rancho as outlined in all applicable laws, ordinances and regulations.

Print Name: Scott Eddings	Applicant:	Agent: X
Signature: Scott Eddings		Date: 1/14/25

FOR OFFICIAL USE ONLY

H.T.E. PROJECT #	FEE	RECEIPT #
25-160-00001		

APPLICATION ACCEPTED BY: Michelle Costilla **DATE:** 1/16/25

Form revised January 26, 2017

CCC&S FAMILY, LLC
703 Osuna Rd. NE, Ste. 6
Albuquerque, NM 87113
dmccall@midwayleasing.net
505-345-4444
Fax: 344-9618

January 15, 2025

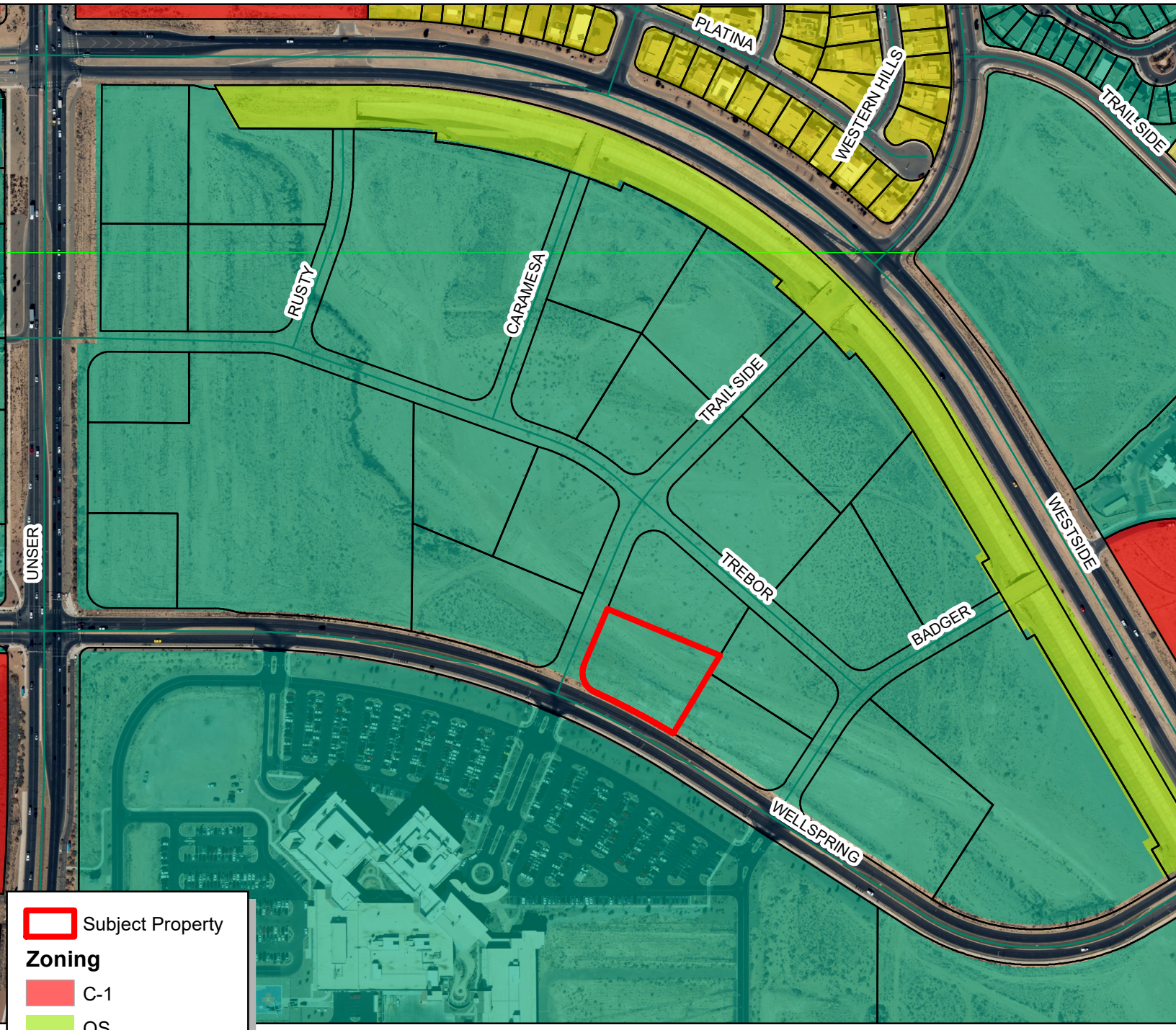
City of Rio Rancho
Planning Dept.

CCC&S Family, LLC hereby authorizes Scott Eddings of Huitt-Zollars, Inc. or Tate Fishburn, Architect, to act as agent for the property described as Tract G4, The Village, in Rio Rancho for the site plan submittal for building permit.

CCC&S Family, LLC

D. McCall
Managing Member

THE VILLAGE, TRACT G4



GIS
Moving Spatial Data Forward

N
W E
S

RioRancho
City of Vision

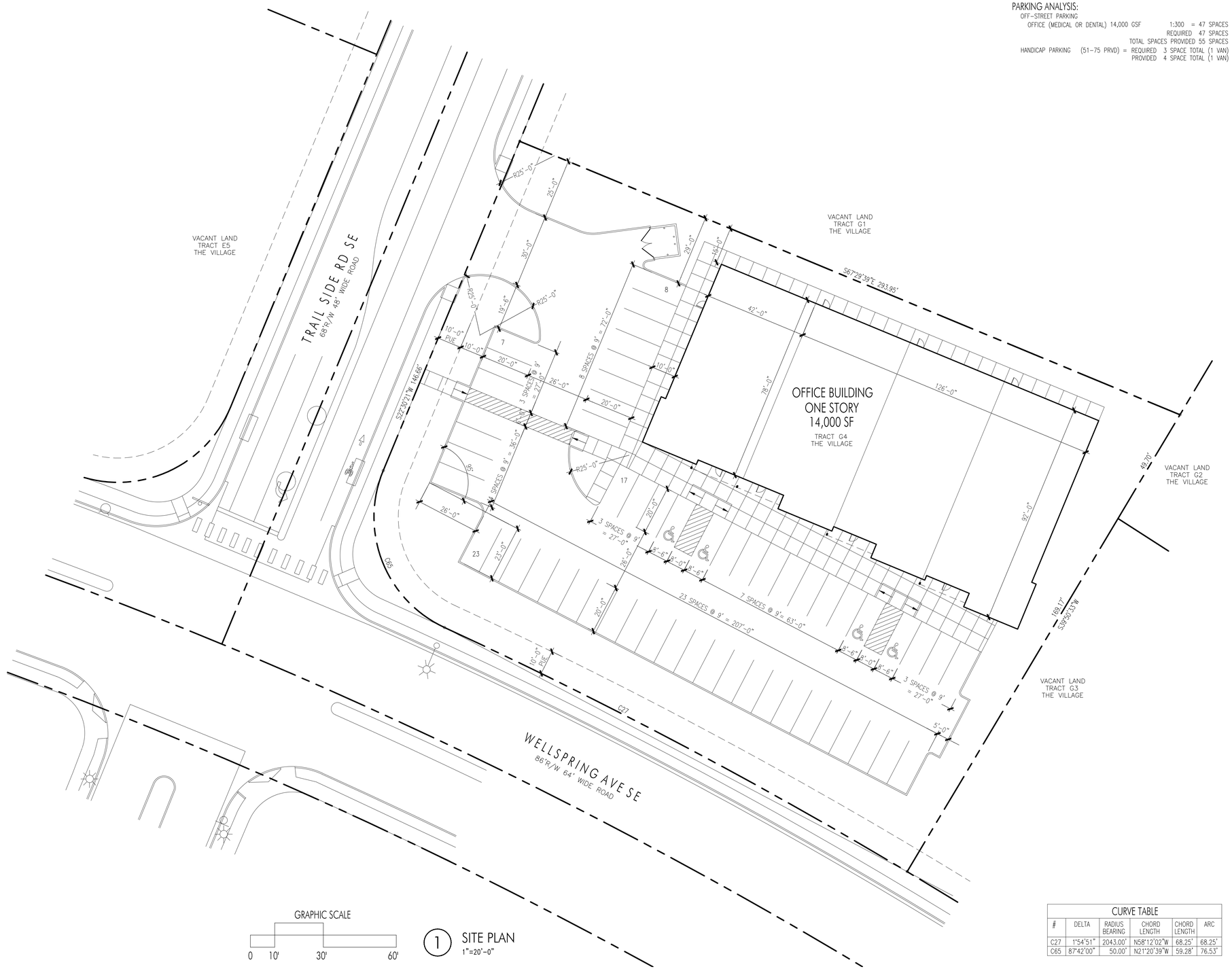
DISCLAIMER: All information in this map is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. This map is not a survey and should be used for graphical purposes only.

0 295 590 1,180
Feet

Map created by: Michelle Costilla 1/24/2025

PROJECT INFORMATION

PROJECT:	NEW MEDICAL OFFICE BUILDING
LOCATION:	2275 WELLSPRING AVE., SE RIO RANCHO, NEW MEXICO
ARCHITECT:	TATE FISHBURN ARCHITECT
LEGAL DESCRIPTION:	TRACT G4 TRACT 14A-1A OF CABEZON SUBDIVISION, UNIT 16, RIO RANCHO ESTATES
CURRENT ZONING CLASSIFICATION:	SU
NET SITE AREA:	56,187.41SF 1.2899 ACRES
BUILDING AREA:	OFFICE 14,000 SF
PARKING ANALYSIS:	
OFF-STREET PARKING	
OFFICE (MEDICAL OR DENTAL) 14,000 GSF	1:300 = 47 SPACES REQUIRED 47 SPACES TOTAL SPACES PROVIDED 55 SPACES
HANDICAP PARKING (51-75 PRVD) =	REQUIRED 3 SPACE TOTAL (1 VAN) PROVIDED 4 SPACE TOTAL (1 VAN)



GRAPHIC SCALE

0 10' 30' 60'

1 SITE PLAN
1"=20'-0"

CURVE TABLE					
#	DELTA	RADIUS BEARING	CHORD LENGTH	CHORD LENGTH	ARC
C27	1°54'51"	2043.00'	N58°12'02"W	68.25'	68.25'
C65	87°42'00"	50.00'	N21°20'39"W	59.28'	76.53'

TATE FISHBURN ARCHITECT
BOX 2941 CORRALES NEW MEXICO 87048 PHONE 505 899 9338 FAX 899 9328

ARCHITECT SEAL

ENGINEER SEAL

PROJECT

NEW MEDICAL OFFICE BUILDING
2275 WELLSPRING AVE., SE
RIO RANCHO, NEW MEXICO

REVISIONS

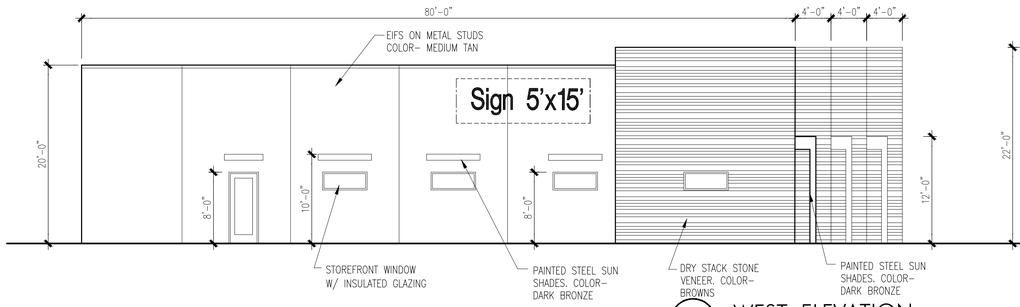
DATE
JANUARY 2025

NORTH

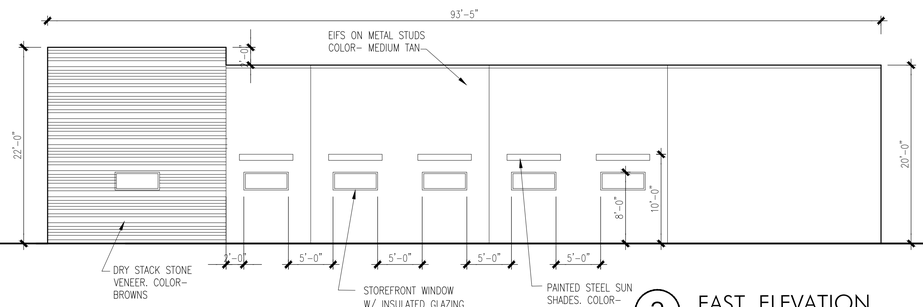
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1" = 20'
U.N.O.

DRAWING NAME
SITE PLAN

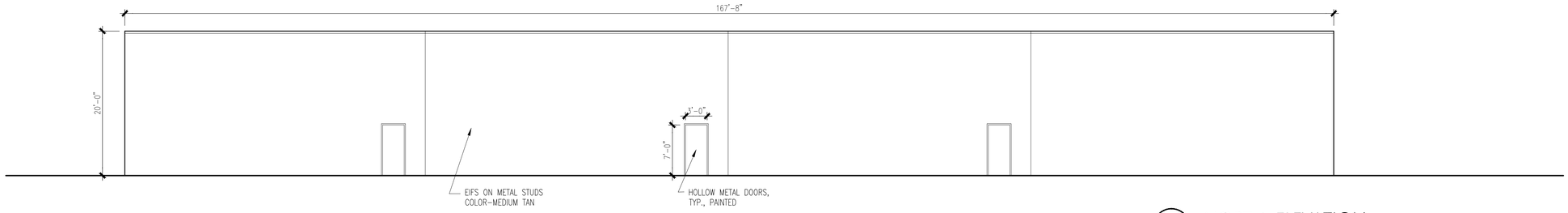
SHEET NUMBER
SP-1



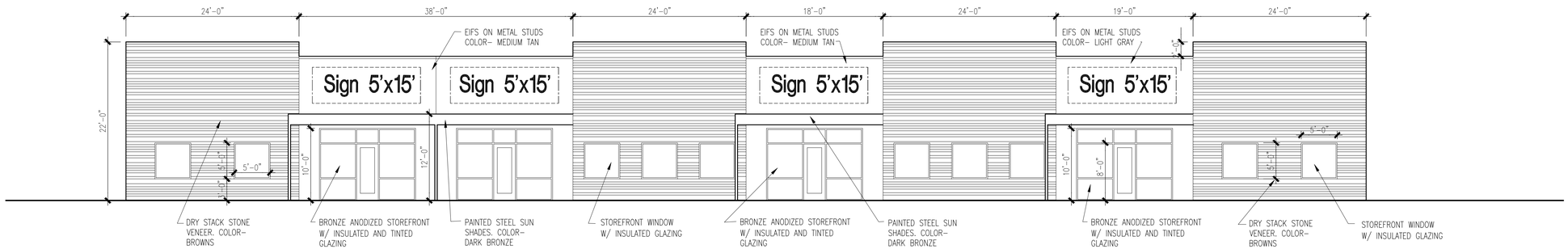
4 WEST ELEVATION
1/8"=1'-0"



3 EAST ELEVATION
1/8"=1'-0"



2 NORTH ELEVATION
1/8"=1'-0"



1 SOUTH ELEVATION
1/8"=1'-0"



COLOR RENDERING
1/8"=1'-0"

TATE FISHBURN
ARCHITECT
BOX 2941 CORRALES NEW MEXICO 87048 PHONE 505 899 9328 FAX 899 9328

ARCHITECT SEAL

ENGINEER SEAL

PROJECT

NEW MEDICAL OFFICE BUILDING
2275 WELLSPRING AVE., SE
RIO RANCHO, NEW MEXICO

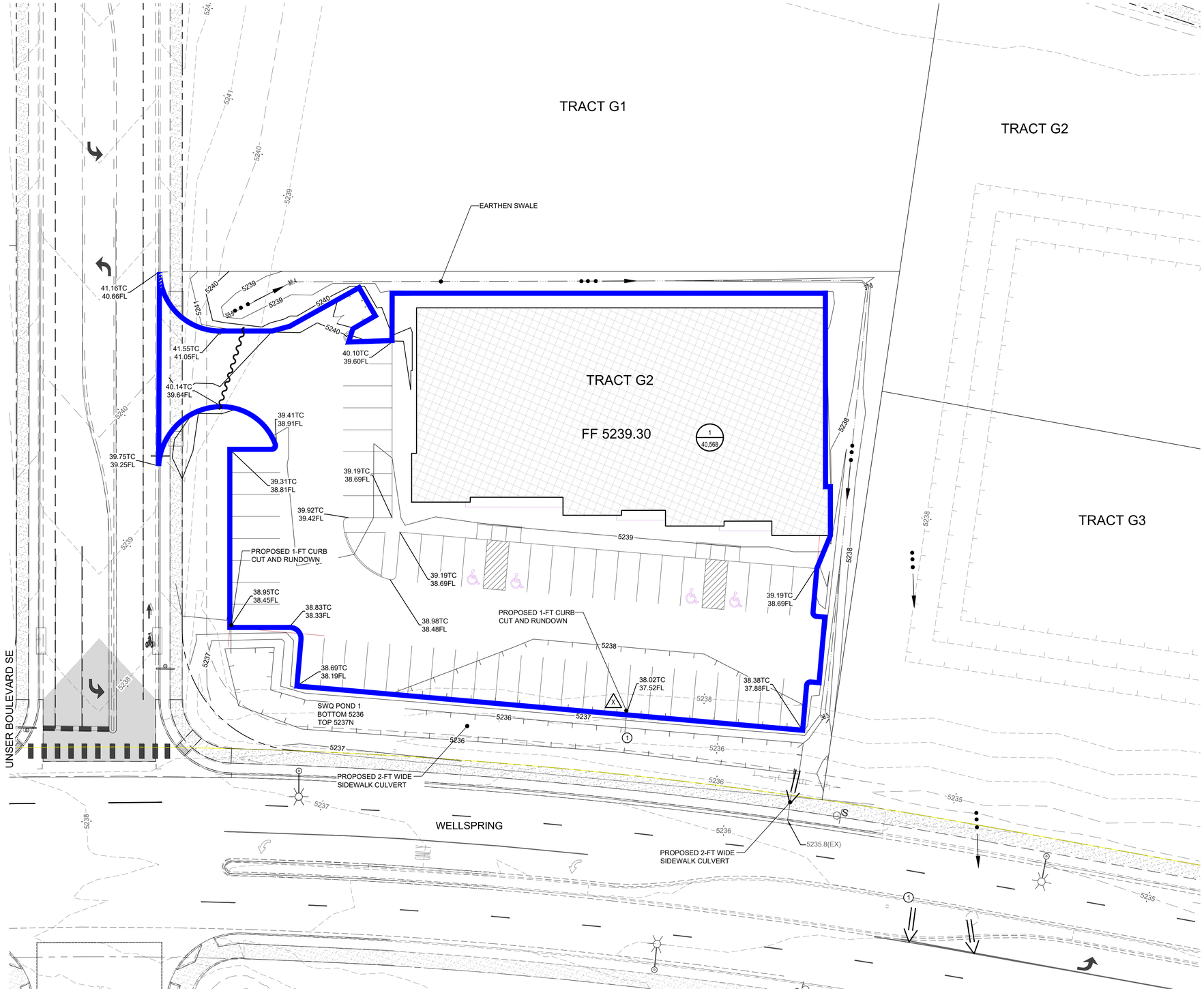
REVISIONS

DATE
JANUARY 2025

SCALE
1/8"= 1'-0"
OR AS NOTED

DRAWING NAME
CONCEPTUAL BLDG.
ELEVATIONS

SHEET NUMBER
A201



STORM WATER QUALITY VOLUME & SUMMARY

STORMWATER QUALITY VOLUME(SWQV) IS 0.42-INCHES MULTIPLIED BY THE IMPERVIOUS AREAS. SEE CALCULATIONS BELOW.

REQUIRED SITE SWQV IS 1,427 CF
PROVIDED SITE SWQV IS 2,201 CF

LEGEND

- BASIN ID / AREA (SF) (XP-X / X.XX)
- ANALYSIS POINT (X)
- SWQ POND # (X)
- DISCHARGE LOCATION
- FLOW DIRECTION
- WATER BLOCK
- 5050 EXISTING (INDEX) CONTOUR
- 5251 EXISTING (INTERMEDIATE) CONTOUR
- 5040 PROPOSED (INDEX) CONTOUR
- 5041 PROPOSED (INTERMEDIATE) CONTOUR

SCALE: 1" = 40'

TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

Rio Rancho City of Vision

NO.	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			

REVISIONS (OR CHANGE NOTICES)

Designed By:
HUITT-ZOLLARS
HZ Huitt-Zollars, Inc
333 Rio Rancho Drive NE Suite 101
Rio Rancho, New Mexico 87124
Phone (505) 892-5141 Fax (505) 892-3259

Designed For:
SANDIA VIEW, LLC

CONCEPTUAL GRADING & DRAINAGE PLAN

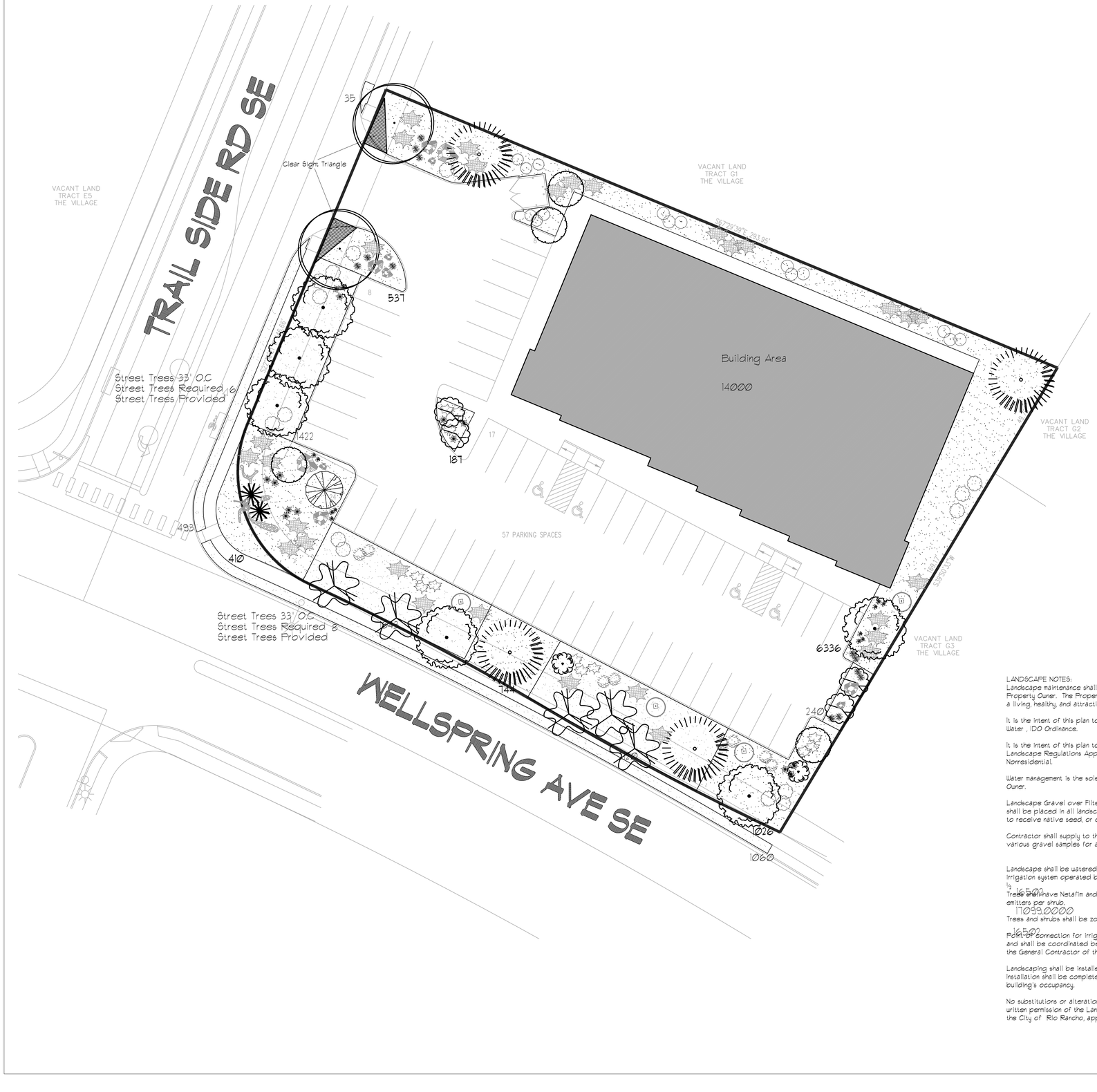
TRACT G4 THE VILLAGE IMPROVEMENTS
RIO RANCHO, NEW MEXICO

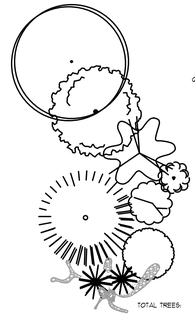
SCOTT A. EDDINGS NEW MEXICO 12856 REGISTERED PROFESSIONAL ENGINEER

PROJECT NO.	R319724.02
DESIGNED BY:	SAE
DRAWN BY:	LRT
CHECKED BY:	SAE
DATE:	Sept. 16, 2022
DPW CHK:	

SHEET: G1

Plotted: 11/4/2025 4:49:30 PM, By:Eddings, Scott
H:\Projects\319724.02\Civil\Entitlement\CONCEPT GRADING PLAN.dwg
Last Saved:11/4/2025 4:46:20 PM, aeddings





LANDSCAPE LEGEND

TREES

QTY.	SIZE	COMMON/BOTANICAL NAME	DIMS	WATER USE	COVERAGE	TOTAL COVERAGE
2	2" CAL	Honey Locust *Gleditsia triacanthos*	50'x45'	M	1960	3180
6	2" CAL	Raywood Ash *Fraxinus angustifolia oxycarpa*	35'x25'	M	491	2946
5	2" CAL	Purple Robe Locust *Robinia pseudoacacia 'purple Robe*	30'x20'	M	314	1570
2	2" CAL	Crape Myrtle Cherokee *Lagerstroemia CherokeeMulti-Trunk Tree Form*	15'x15'	M	177	354
4	2" CAL	Redbud *Cercis canadensis 'Pink pom poms"*	15'x12'	M	113	452
4	6'	Austrian Pine *Pinus nigra*	35'x25'	M	491	1964
4	2" CAL	Paul's Scarlet Hawthorn *Crataegus laevigata 'Paul's Scarlet'*	15'x15'	M	177	708
2	4'-6'	Palm Yucca *Yucca faxoniana*	15'x6'	L	28	56
TOTAL TREES:	29				TOTAL COVERAGE:	11230

Shrubs & Groundcovers

	QTY.	SIZE	COMMON/BOTANICAL NAME	DIMS	WATER USE	COVERAGE	TOTAL COVERAGE
	11	5 Gal	Karl Foerster Grass *Calamagrostis arudinacea*	2.5'x2'	M	3.14	34.54
	12	5 Gal	Blue Rug Juniper *Juniperus horizontalis*	1'x5'	M	20	240
	8	5 Gal	India Hawthorne *Raphiolepis indica*	3'x5'	M	20	160
	30	5 Gal	Buffalo Juniper *Juniperus sabina 'Buffalo'*	1'x8'	M	50	1500
	12	5 Gal	Dwarf Fountain Grass *Pennisetum alopecuroides 'Hamelin'*	3'x3'	M	7	84
	6	5 Gal	Apache Plume *Fallugia paradoxa*	6'x5'	L	20	120
	9	5 Gal	Chamisa *Chrysothamnus nauseosus*	5'x5'	L	20	180
	4	5 Gal	Gro-Low Sumac *Rhus aromatica 'Gro-Low'*	3'x8'	M	50	200
	16	5 Gal	Fern Bush *Chamaebatiaria millefolium*	5'x6'	L	2826	452
	1	5 Gal	Common Lilac *Syringa vulgaris*	15'x15'	M+	176.63	177
	15	5 Gal	Agave *Agave Parryi*	2'x2'	L	177.63	266.4
TOTAL SHRUBS:	124				TOTAL COVERAGE		9812.00

	14	2-3cf	Boulders *To be placed at contractor discretion*
	9240		Landscape Gravel / No Filter Fabric *3/4" Crushed Grey* Submit samples of gravel and cobble for approval
	7213		Santa Fe Brown Crusher Fine / No Filter Fabric Submit samples of gravel and cobble for approval
	120		Oversize Landscape Gravel / No Filter Fabric *2-4" Valley Gold, Accent Cobble around Palm* Submit samples of gravel and cobble for approval
	16453		Total Landscape Area Provided

LANDSCAPE NOTES:
Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain landscaping in a living, healthy, and attractive condition.

It is the intent of this plan to comply with the City Of Rio Rancho Water , IDO Ordinance.

It is the intent of this plan to comply with the City of Rio Rancho Landscape Regulations Applicable to Apartments and Nonresidential.

Water management is the sole responsibility of the Property Owner.

Landscape Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas which are not designated to receive native seed, or other treatment.

Contractor shall supply to the owner samples and prices of various gravel samples for approval prior to installing.

Landscape shall be watered by a complete underground irrigation system operated by automatic timer.
~~1,162.00~~
Trees shall have Netafim and shrubs shall have a minimum of 2 emitters per shrub.
17099.0000
Trees and shrubs shall be zoned separately.
~~1650~~
Point of connection for irrigation system is unknown at current time and shall be coordinated between the Landscape Contractor and the General Contractor of the project prior to construction.

Landscaping shall be installed according to the approved plan. Installation shall be completed within 60 days of the related building's occupancy.

No substitutions or alterations to this plan with out the express written permission of the Landscape Architect, and approval of the City of Rio Rancho, approved permit set.

LANDSCAPE CALCULATIONS

TOTAL LOT AREA (sf)	56518
LANDSCAPE REQUIREMENT	X0.10
TOTAL LANDSCAPE REQUIRED (15%)	5652
TOTAL ON-SITE LANDSCAPE PROVIDED	16453
TOTAL LIVE PLANT COVER REQUIRED (75%)	12340
TOTAL LIVE PLANT COVER PROVIDED	11042

47 PARKING SPACES
PARKING TREE REQUIRED 5
PROVIDED 5

GRAPHIC SCALE
20 10 0 10 20
SCALE: 1" = 20'-0"

REVISIONS		
	Date:	Comment

Designed By: JFT/
Drawn By: JFT/
Approved By: ID. Mitchell
Date: 1/10/2025

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before you dig.

File ID:

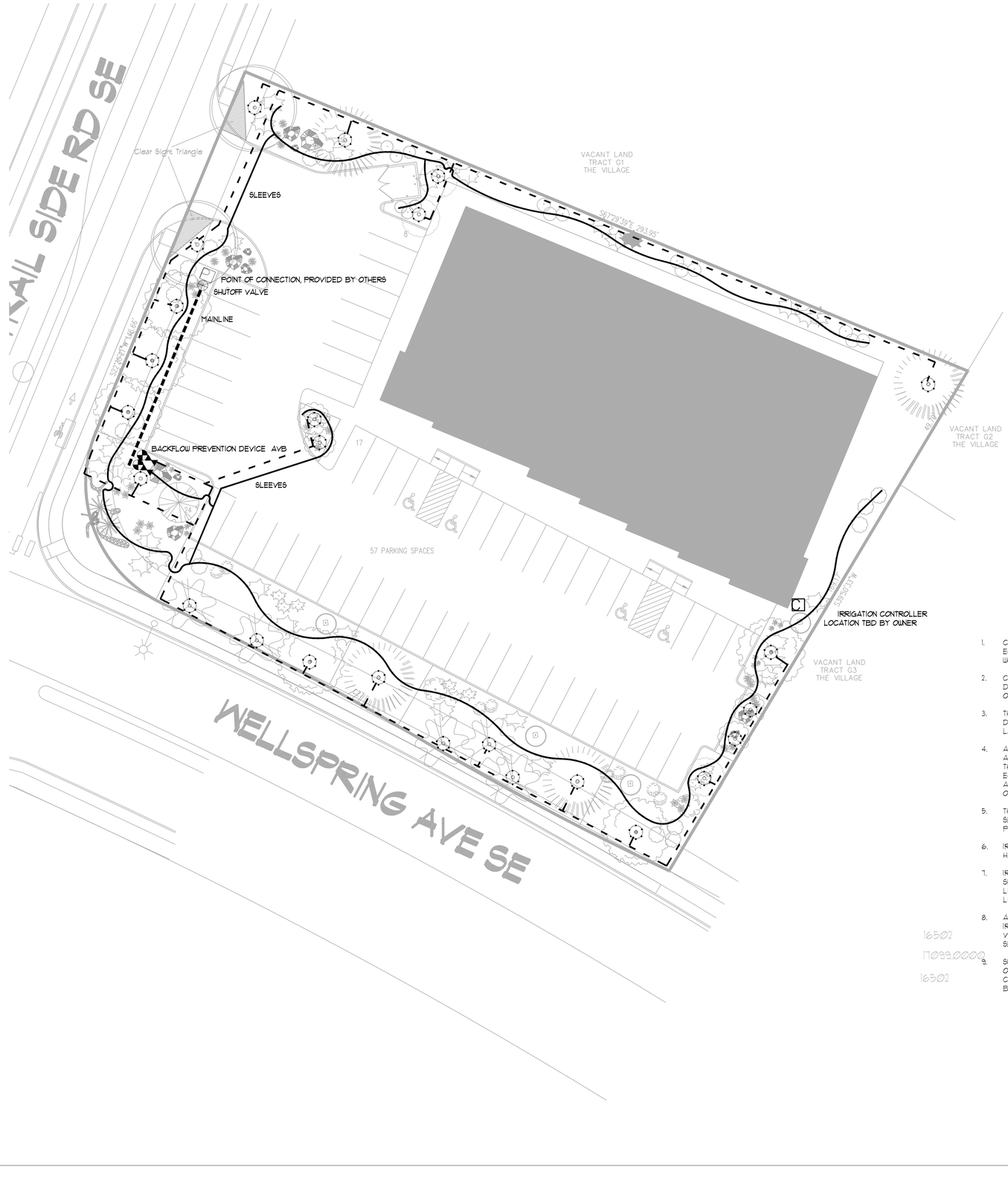
Landscape Plan

The Village,
2275 Wellspring SE,
Rio Rancho, NM

Mitchell Associates, inc
Landscape Architecture
Danny Mitchell
505.639.9583
danny@mitchellassociatesinc.com

Seal:
Landscape Architect
STATE OF NEW MEXICO
DANNY D. MITCHELL
REGISTERED LANDSCAPE ARCHITECT
Jan. 11, 2025

Project NO: 2025-001
DRAWING NO: LS-101



16502

17099.0000

16502

IRRIGATION LEGEND

	COMPONENT	MANUFACTURER	SIZE / NOTES
⊡	POINT OF CONNECTION, PROVIDED BY OTHERS	SEE CIVIL PLANS	1"
⊠	IRRIGATION CONTROLLER	RAINBIRD	As Required
⧗	BACKFLOW PREVENTION DEVICE AVB.	FEBCO (OR EQUAL)	1"
⊕	SHUTOFF VALVE	RAINBIRD	1"
▬▬	MAINLINE	Sch 40 PVC	1"
●	ELECTRIC ZONE VALVE	RAINBIRD	3/4" with Pressure Regulation and Y Filter
═══	SLEEVES	Class 200 PVC	2 SIZES LARGER THAN PIPE TO BE SLEEVED.
═ ═	Drip Line, Tree Netafim Rings	Class 200 PVC	1"
▬▬	Drip Line, Strub Drip Emitter Line	Polyline	3/4"- 1"
⊙	Netafim Tree Irrigation Lines	RAINBIRD,	SEE DETAIL

Size Equipment as Required for Flow Rate

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
3. THE IRRIGATION CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
5. THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
6. IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
7. IRRIGATION LATERAL LINES, MAIN LINES AND EQUIPMENT MAY BE SHOWN OUTSIDE PROPERTY LINES ON THIS PLAN. ALL IRRIGATION LINES AND EQUIPMENT ARE TO BE WITHIN AND INSTALLED WITHIN THE LIMITS OF THE PROPERTY LINE.
8. ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. SEE SLEEVING DETAIL.
9. SUPPLY LINE AND WATER METER TO BE PROVIDED BY OWNERBACKFLOW PREVENTOR TO BE PROVIDED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN DOWNSTREAM OF THE IRRIGATION WATER METER.

GENERAL NOTES

Irrigation shall be a complete underground system.

Trees and shrubs shall be on separate valves.

Point of connection for irrigation system shall be as indicated on the Utility Plan, Civil drawings. Landscape Contractor point of connection and responsibility shall begin downstream of the point of connection.

Irrigation will be operated by smart irrigation system automatic controller, capable of multi-programming ability.

Location of controller to be field determined and power source for controller to be provided by the owner.

Irrigation maintenance shall be the responsibility of the Property Owner.

Water and Power source for irrigation system shall be the responsibility of the Property Owner.

GRAPHIC SCALE

20 10 0 10 20

SCALE: 1" = 20'-0"

		REVISIONS
Designed By:		
Drawn By:	Date:	Comment
Approved By:	D. Mitchell	
Date:		

NEW MEXICO ONE CALL
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File ID:

Irrigation Plan

The Village, 2275 Wellspring SE, Rio Rancho, NM

Mitchell Associates, inc
Landscape Architecture
Danny Mitchell
505.639.9583
danny@mitchellassociatesinc.com

Seal:

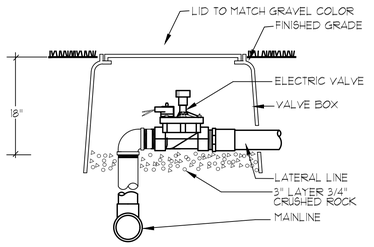
Landscape Architect

STATE OF NEW MEXICO
DANNY D. MITCHELL
2010
REGISTERED LANDSCAPE ARCHITECT

Jan. 11, 2025

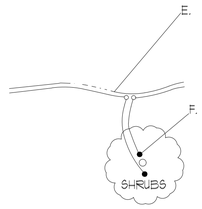
Project NO:

DRAWING NO: LS-102



ELECTRIC VALVE ASSEMBLY

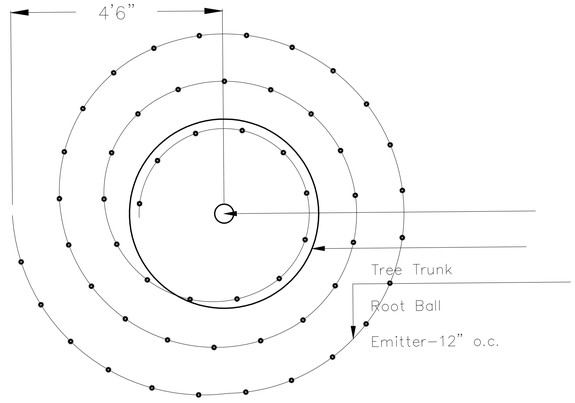
N.T.S.



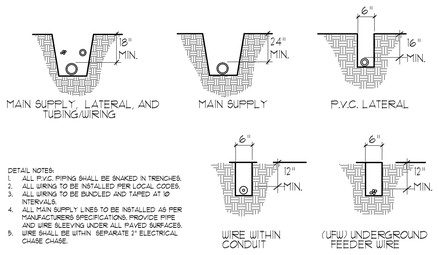
E. PE DRIPLINE
F. EMITTER PLACED WITHIN 6" OF PLANT STEM
NOTE: PLACE EMITTER ABOVE PLANT ON SLOPE

EMITTER PLACEMENT DETAIL

N.T.S.



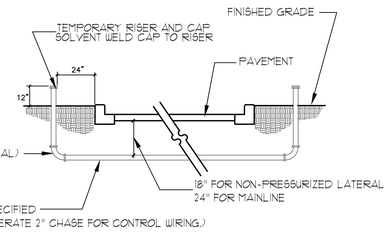
Netafim Spiral Detail



DETAIL NOTES:
1. ALL PVC PIPING SHALL BE SNAKED IN TRENCHES.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODES.
3. ALL WIRING TO BE BUNDLED AND TAPED AT Ø INTERVALS.
4. ALL MAIN SUPPLY LINES TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. PROVIDE PIPE AND WIRE SLEEVING UNDER ALL PAVED SURFACES.
5. WIRE SHALL BE WITHIN SEPARATE 2" ELECTRICAL CHASE CHASE.

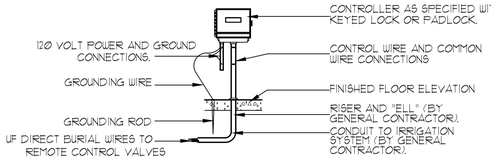
TRENCHING DETAIL

N.T.S.



SLEEVE INSTALLATION DETAIL

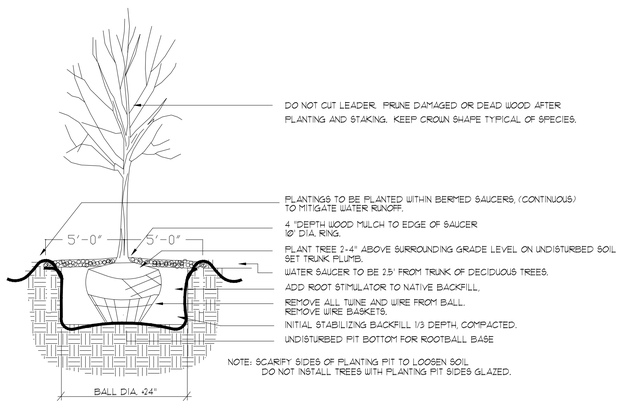
N.T.S.



DETAIL NOTES:
1. ELECTRICAL POWER TO BE SUPPLIED BY OTHERS.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODES.
3. SEE ELECTRICAL PLANS FOR LOCATION OF CONTROLLER.
4. CONTROLLER TO BE MOUNTED APPROXIMATELY 5'-0" ABOVE FINISHED FLOOR ELEVATION.

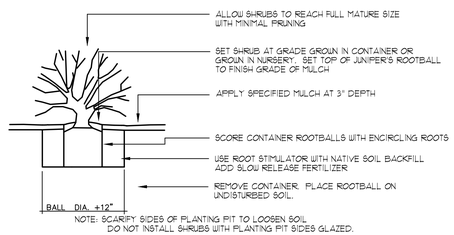
CONTROLLER DETAIL

N.T.S.



TREE PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.

REVISIONS

	Date:	Comment

Designed By:
Drawn By:
Approved By: *D. Mitchell*
Date:

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Landscape Detail

Mitchell Associates, inc
Landscape Architecture
Danny Mitchell
505.639.9583
danny@mitchellassociatesinc.com

Seal:
Landscape Architect
STATE OF NEW MEXICO
DANNY D. MITCHELL
REGISTERED LANDSCAPE ARCHITECT
Jan. 11, 2025

Project NO:
DRAWING NO: LS-103

City of Rio Rancho
Development Services
3200 Civic Center Circle NE - Ste 130
Rio Rancho, NM 87144
(505) 891-5005 Fax: (505) 896-8994

February 3, 2025

TO: Huitt-Zollars, Inc.
333 Rio Rancho, Suite 101
Rio Rancho, NM 87124

RE: Site Plan (25-160-00001)

The following are the comments and feedback received in regards to the site plan application.

Planning and Zoning

1. Provide owner authorization.
2. Existing and proposed utilities shall be included with the building application.
3. The applicant shall obtain a water, wastewater approval.

Fire and Rescue:

1. Fire shall require following 2021 International Fire Code. Builder/ owner shall be advised that without knowledge of what each space will be used for and limited access to entire building (360 degrees) fire alarm and sprinkler will be required. Checklists are attached for reference when submitting for review. Site shall require a fire 1 and fire 2 plan. All turning radius shall be 28'and dead end shall meet table D103.4 in the IFC or have secondary access/ exit for resubmittal.

Engineering:

1. Provide pond calculations.
2. No Utilities shown.
3. Access is restricted and will need to comply with SAMM
4. Full engineering review will occur with building permit.

Parks and Recreation:

1. Ensure the planting palette meets any SU zoning or The Village Master Plan requirements. On page 6 note – trees should be staked and strapped (not knotted) with a webbing material like arbor-tie for at least one year after planting.
2. Verify that handicap parking spaces are designed and constructed as ADA compliant – with no slope (run, cross slope, etc.) within the handicap parking space and aisle – greater than 2.083% in any given direction. For the HC accessible route to the building, the route shall also have a cross slope no greater than 2.083% and the run (direction of travel between parking space and building) has a slope no greater than 5%. For the accessible aisle adjacent to the handicap parking space, follow the NM Statute which requires that the striped area meet the requirements set out in NMSA 66-1- 4.1.B] and that 1' high letters that are at least 2" wide stating NO PARKING are stenciled in the aisle. Please reference the Parking Lot Checklist provided by the NM Governor's Commission on Disability for parking space and sign requirements found at: http://gcd.state.nm.us/wp-content/uploads/2018/11/2015-NM-Accessible-Parking-FINAL2.pdf. Page 7 of this checklist also clearly shows the type and color/s of handicap parking signs (New Mexico specific) to be installed, as well as the language required per State Statute.

If you have any additional questions or concerns please feel free to contact me.

Respectfully,



Michelle Costilla
Municipal Planner II
Development Services Department
City of Rio Rancho
(505) 896-8362 mcostilla@rrnm.gov

Fire Chief
James DeFillippo
1526 Stephanie Rd SE
Rio Rancho, NM 87124

Fire Marshal
James Wenzel
1526 Stephanie Rd SE
Rio Rancho, NM 87124

Rio Rancho Fire Rescue
AUTOMATIC SPRINKLER SYSTEM CHECKLIST

Project Information		**Revised 01/15/2024**
Project Name	Address and/Legal Description	Building Permit Number

	Pass	Fail	N/A	Requirement	Code Ref.
1	☐	☐	☐	NICET III & FPE Certificate number/Credentials, and signature	**NFPA 13, 23.1.3**
2	☐	☐	☐	Name of owner and occupant, location, including street address.	**NFPA 13, 23.1.3**
3	☐	☐	☐	Name and address of contractor.	**NFPA 13, 23.1.3**
4	☐	☐	☐	Code Data: construction type, occupancy group, Square Footage	**NFPA 13, 23.1.3**
5	☐	☐	☐	Edition year of NFPA 13 that the sprinkler system is designed to.	**NFPA 13, 23.1.3**
6	☐	☐	☐	A graphic representation of the scale used on all plans.	**NFPA 13, 23.1.3**
7	☐	☐	☐	Point of compass.	**NFPA 13, 23.1.3**
8	☐	☐	☐	Occupancy class of each area or room.	**NFPA 13, 23.1.3**
9	☐	☐	☐	Size of city main in street, city main test results, and system elevation relative to test hydrant.	**NFPA 13, 23.1.3**
10	☐	☐	☐	Size, location, and piping arrangement of fire department connections.	**NFPA 13, 23.1.3**
11	☐	☐	☐	Information about backflow preventers (manufacturer, size, type).	**NFPA 13, 23.1.3**
12	☐	☐	☐	All control valves, check valves, drainpipes, and test connections.	**NFPA 13, 23.1.3**
13	☐	☐	☐	Full height cross section, or schematic diagram, including structural member information if required for clarity and including ceiling construction and method of protection for nonmetallic piping.	**NFPA 13, 23.1.3**
14	☐	☐	☐	Total area protected by each system on each floor.	**NFPA 13, 23.1.3**
15	☐	☐	☐	Location of partitions.	**NFPA 13, 23.1.3**
16	☐	☐	☐	Location of fire walls	**NFPA 13, 23.1.3**
17	☐	☐	☐	Location and size of concealed spaces, closets, attics, and bathrooms.	**NFPA 13, 23.1.3**
18	☐	☐	☐	Any small enclosures in which no sprinklers are to be installed.	**NFPA 13, 23.1.3**
19	☐	☐	☐	Make, type, model, and nominal k-factor of sprinklers including sprinkler identification number.	**NFPA 13, 23.1.3**
20	☐	☐	☐	Number of sprinklers on each riser per floor.	**NFPA 13, 23.1.3**
21	☐	☐	☐	Total number of sprinklers on each dry pipe system, pre-action system, or action system, combined dry pipe pre-action system, or deluge system	**NFPA 13, 23.1.3**

Fire Chief
James DeFillippo
1526 Stephanie Rd SE
Rio Rancho, NM 87124

Fire Marshal
Jessica Duron-Martinez
1526 Stephanie Rd SE
Rio Rancho, NM 87124

Rio Rancho Fire Rescue

22	☐	☐	☐	Approximate capacity in gallons of each dry pipe system.	**NFPA 13, 23.1.3**
23	☐	☐	☐	Pipe type and schedule of wall thickness,	**NFPA 13, 23.1.3**
24	☐	☐	☐	Nominal pipe size and cutting lengths of pipe (or center to center dimensions). Where typical branch lines prevail, it shall be necessary to size only one typical line	**NFPA 13, 23.1.3**
25	☐	☐	☐	Location and size of riser nipples.	**NFPA 13, 23.1.3**
26	☐	☐	☐	Type and locations of hangers, sleeves, braces, and methods of securing sprinklers when applicable.	**NFPA 13, 23.1.3**
27	☐	☐	☐	Make, type, model, and size of alarm or dry pipe valve.	**NFPA 13, 23.1.3**
28	☐	☐	☐	Make, type, model, and size of pre-action or deluge valve.	**NFPA 13, 23.1.3**
29	☐	☐	☐	Kind and location of alarm bells	**NFPA 13, 23.1.3**
30	☐	☐	☐	Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles, and related equipment.	**NFPA 13, 23.1.3**
31	☐	☐	☐	Piping provisions for flushing.	**NFPA 13, 23.1.3**
32	☐	☐	☐	Where the equipment is to be installed as an addition to an existing system, enough of the existing system indicated on the plans to make all conditions clear.	**NFPA 13, 23.1.3**
33	☐	☐	☐	Hydraulic reference points shown on the plan that correspond with comparable reference points on the hydraulic calculation sheets.	**NFPA 13, 23.1.3**
34	☐	☐	☐	The minimum rate of water application (density of flow or discharge pressure), the design area of water application, in-rack sprinkler demand, and the water required for hose streams both inside and outside.	**NFPA 13, 23.1.3**
35	☐	☐	☐	The total quantity of water and the pressure required noted at a common reference point for each system.	**NFPA 13, 23.1.3**
36	☐	☐	☐	For hydraulically designed systems, the information on the hydraulic data nameplate.	**NFPA 13, 23.1.3**
37	☐	☐	☐	Relative elevations of sprinkler, junction points, and supply or reference points.	**NFPA 13, 23.1.3**
38	☐	☐	☐	The setting for pressure-reducing valves	**NFPA 13, 23.1.3**
39	☐	☐	☐	Ceiling/roof heights and slopes not shown in the full height cross section.	**NFPA 13, 23.1.3**
40	☐	☐	☐	Calculation of loads for sizing and details of sway bracing.	**NFPA 13, 23.1.3**

Fire Chief
James DeFillippo
1526 Stephanie Rd SE
Rio Rancho, NM 87124

Fire Marshal
James Wenzel
1526 Stephanie Rd SE
Rio Rancho, NM 87124

Rio Rancho Fire Rescue
FIRE 1 SITE PLAN CHECKLIST

Project Information	Current Code 2021 IFC	**Revised 01/15/2024**
Project Name	Address and/Legal Description	Building Permit Number

	Pass	Fail	N/A	Requirement	Code Ref.
1	☐	☐	☐	**Fire 1 Plans** shall have all information on 1 page and labeled as **Fire 1. Note: The fire 1 plans shall be submitted prior to building plan and submittal. The approved set needs to be inserted with the fire 2 page along with the building plan set.**	**AHJ/FMO**
2	☐	☐	☐	**Fire Flow Requirements:** The construction type and the total square footage shall be indicated under the code criteria. Construction Type: Square Footage: Fire Flow:	**IFC Appendix B**
3	☐	☐	☐	**Number of Hydrants Required and Spacing:** Our office will provide these numbers for you, or you can reference The Numbers off **Table C102.1**	**IFC Appendix C**
4	☐	☐	☐	**Existing Fire hydrants**: Existing fire hydrants may be considered for a new project if their use doesn't restrict fire department access or restrict traffic to busy or arterial streets.	**AHJ/FMO**
5	☐	☐	☐	**Existing or proposed fire hydrants:** All fire hydrants shall be shown on the plan shall be labeled as existing or proposed.	**AHJ/FMO**
6	☐	☐	☐	**Fire Hydrant supply line location and dimensions:** Fire hydrant supply lines that branch off from the water mains shall be indicated with their diameters. Showing the hydrants, they serve.	**IFC 507.1**
7	☐	☐	☐	**Public water main location and dimensions:** The public water mains shall be on the plans. The public water main diameters supplying the required existing and proposed fire hydrants shall be indicated.	**IFC 507.1**
8	☐	☐	☐	**Apparatus Access around buildings:** Fire apparatus access roads shall extend to within 150 feet of all portions of the first floor of the facility and all portions of the exterior walls.	**IFC 503.1.1**
9	☐	☐	☐	**Buildings Exceeding Three Stories or 30 feet in Height:** Buildings or facilities exceeding 30 feet or three stories in height shall have at least two means of fire apparatus access for each structure.	**IFC D104.1**
10	☐	☐	☐	**Buildings exceeding 62,000 SQFT**: Buildings exceeding 62,000 gross square feet in area shall be provided with two separate and approved fire apparatus access roads.	**IFC D104.2**
11	☐	☐	☐	**Multiple Family Residential Projects with more than 100 units:** Multiple Family Residential Projects having more than 100 dwelling units shall be equipped throughout with two separate and approved fire apparatus access roads.	**IFC D106.1**
12	☐	☐	☐	**One- or two-Family Dwelling Residential Developments:** Developments of one- or two-family dwellings where the number dwelling units exceed 30 shall be provided with separate and approved fire apparatus access roads and shall meet the requirements of Section D104.3.	**IFC D107.1**
13	☐	☐	☐	**Remoteness:** Where two access roads are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the property or area to be served, Measured in a straight line between accesses.	**IFC D104.3**
14	☐	☐	☐	**Aerial Apparatus Road Width and Proximity**: Buildings which exceed 30 feet in height require unobstructed aerial apparatus access roads not less than 26 feet in width exclusive of shoulders. Access is required on two sides of the structure and overhead obstructions are prohibited. At least one of the required access routes shall be located Within a minimum 15 feet and a maximum of 30 feet from the building and shall be positioned parallel to one entire side of the building.	**IFC D105.2, D105.3**

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15	☐	☐	☐	**Fire Apparatus Road Dimensions**: Fire apparatus roads shall have an unobstructed width not less than 20 feet and an unobstructed height not less than 13 feet 6 inches. They shall have an unobstructed width not less than 26 feet in width when fire department access road exceeds 300 feet.	**IFC 503.2.1**
16	☐	☐	☐	**Access road width with a Hydrant:** Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet, exclusive of shoulders.	**IFC D103.1**
17	☐	☐	☐	**Fire Lanes:** Fire apparatus access roads 20 ft. to 26 ft. shall have a fire lane marked on both sides of the road. Roads 26 ft. to 32 ft. wide shall be marked fire lane on one side. Refer to fire ord. 503.3.1 for fire lane curb marking requirements.	**IFC D103.6.1 D103.6.2**
18	☐	☐	☐	**Turning Radius:** The minimum turning radius shall be 28 feet as determined by the fire code official. The 28ft. radius will be measured from the inside radius.	**IFC 103.3**
19	☐	☐	☐	**Dead End:** Apparatus access roads which exceed 150 feet require an approved turnaround area for the fire apparatus. Refer to Appendix D for approved turnarounds.	**IFC 503.2.5**
20	☐	☐	☐	**Access and Loading:** An approved fire apparatus access roads shall have an asphalt, concrete, or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds.	**IFC D102.1**
21	☐	☐	☐	**Engineering data:** Engineering data shall be submitted to substantiate weight bearing capacity and all-weather driving capabilities for fire apparatus access roads.	**AHJ/FMO**
22	☐	☐	☐	**Grade:** Fire apparatus access roads shall not exceed 10 percent in grade	**IFC D103.2**
23	☐	☐	☐	**Security Gates:** Security gates that extend across fire apparatus access roads or impede fire apparatus access shall have an approved means of operation to allow fire department access.	**IFC 503.6**
24	☐	☐	☐	**Fire Separation**: In order for occupancies to be considered separated they shall meet the International Building Code 2021 section 508.4. The separation shall be constructed as fire barriers in accordance with IBC section 707. Fire separation shall be indicated on the plan. The level (hour rating) of the separation shall also be indicated.	**IBC 508.4 508.4.4.1 707.3.9 707.3.10**
25	☐	☐	☐	**Sprinkler Systems:** New and existing sprinkler systems shall be indicated on the Plans. It shall be indicated as "sprinklered or nonsprinklered" under the code criteria.	**IFC 901.2**
26	☐	☐	☐	**Sprinkler Fire Department Connection (FDC):** The FDC shall be located within 100 feet of a hydrant. The inlet shall be between 18in. and 48in. above grade.	**IFC 507.5.1.1**
27	☐	☐	☐	**Sprinkler FDC Obstructions:** The FDC shall be unobstructed from any permanent object for a minimum distance of A 3ft. radius around the connection and 6.5 feet in height.	**IFC 912.4.2**
28	☐	☐	☐	**The Post or Wall Indicator Valve (PIV or WIV)** shall be located on the Plans and installed as per NFPA 13	**IFC 903.3**
29	☐	☐	☐	**Class 1 Standpipe:** Standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet above the lowest level of the fire dept. vehicle access.	**IFC 905.3**
30	☐	☐	☐	**Standpipe FDC:** The standpipe FDC shall be located within 100 feet of a hydrant.	**NFPA 14.6.4.5.4**
31	☐	☐	☐	**Premise ID:** Buildings shall have approved address numbers or building identification placed in a position plainly legible and visible from the street or the road fronting the property.	**IFC 505.1**
32	☐	☐	☐	**Multiple buildings with a single address:** Each building shall display its specific alphabetical or numerical designation and be clearly distinguishable from the fire apparatus road.	**IFC 505.1**
33	☐	☐	☐	**Key Box:** A key box (Knox Box) is required if access to the building is necessary for life safety or firefighting purposes. All key boxes shall be mounted between 4 and 6 feet above grade. The key boxes shall be illuminated so as to be immediately visible to fire personnel upon approach. One key box shall be located at the main entrance	**IFC 506.1**

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FIRE 2 FLOOR PLAN CHECKLIST

Project Information		**Revised 01/15/2024**
		Building Permit Number

	Pass	Fail	N/A	Requirement	Code Ref.
1	☐	☐	☐	**Fire 2 Plans: Fire 2 Plans shall be a part of the construction documents.** All the information should be provided on one sheet. In some cases, projects may be too complex to fir all the information on one sheet. If additional pages are needed to complete the required Fire 2 criteria, Mark the as "fire" with the corresponding number noting the order.	**AHJ/FMO**
2	☐	☐	☐	**General Notes for fire protection systems:** Fire protection systems shall be deferred submittals and shall be noted as such on the plan. Examples: 1) Shop drawings will be submitted to the fire marshal's office for review and approval of any installation or modification to the sprinkler system, fire alarm system, or any other fire related system 2) The fire sprinkler system will be supervised when required by the 2021 international fire code.	**IFC 105.4.2.1**
3	☐	☐	☐	**General Notes for Elevators**: Elevators shall meet all the requirements of NFPA 13, Chapter 8, 72, and 21.	**NFPA 13 NFPA 72**
4	☐	☐	☐	**Fire 2 Designation:** The plan shall be marked as "Fire2". No other designation will be accepted	**AHJ/FMO**
5	☐	☐	☐	**Seating and equipment fixtures:** The fixtures are required to be placed on the plan	**IFC 105.4.2**
6	☐	☐	☐	**Scaled Plans:** The plans shall be scaled, and a true north shall be identified	**IFC 105.4.2**
7	☐	☐	☐	**Code Data:** The code data shall be noted on the plan. Address, construction type, occupant load, premise ID, sprinklered, non-sprinklered, square footage, occupancy type	**IFC 105.4.2**
8	☐	☐	☐	**Fire Extinguishers:** Fire extinguishers are required in all occupancies. Reference IFC for distance and size requirements	**IFC 906.1**
9	☐	☐	☐	**Means of Egress:** The exits, exit hardware, emergency lighting, and exit lighting/signage shall be indicated on the plan.	**IFC 1001.1**
10	☐	☐	☐	**Scope of Work:** The scope of work being done shall be noted on the plan	**IFC 105.4.2**
11	☐	☐	☐	**Hazardous Materials:** Storage, handling, and use shall be noted and shown on the plans and comply with IFC chapter 27. Hazardous materials shall include but not be limited to combustible (liquids, solids, gasses), combustible fibers, cryogenic oxidizing, consumer fireworks, explosives, flammable (liquids, solids, gasses), oxidizers, pyrophoric, unstable, water reactive, corrosives, toxics.	**IFC 5003.1**
12	☐	☐	☐	**MSDS:** MSDS/SDS sheets for each hazardous material shall be included with the plans	**IFC 5003.4**
13	☐	☐	☐	**Room Identifiers:** Each room shall be given a designation and marked on the plan	**IFC 105.4.2**

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FIRE ALARM CHECKLIST

Project Information		Revised 01/15/2024
		Building Permit Number

	Pass	Fail	N/A	Requirement	Code Ref.
1	☐	☐	☐	**NICET III & FPE:** Provide certificate number with signature	**AHJ/FMO**
2	☐	☐	☐	**PROJECT INFORMATION:** Name and address to include quadrant and zip code. Include Building Permit Number if applicable.	**NFPA 7.4.4**
3	☐	☐	☐	**COMPANY INFORMATION:** Name and address of designer and installer.	**NFPA 7.4.4**
4	☐	☐	☐	**SCOPE OF WORK:** Describe work to be performed.	**AHJ/FMO**
5	☐	☐	☐	**OCCUPANCY CLASSIFICATION:** Indicate project occupancy classification.	**AHJ/FMO**
6	☐	☐	☐	**TOTAL SQUARE FOOTAGE:** Provide total square footage of the area covered by the fire alarm system	**AHJ/FMO**
7	☐	☐	☐	**SPRINKLER SYSTEM:** Indicate the project as sprinkled or non-sprinkled.	**AHJ/FMO**
8	☐	☐	☐	**LEGEND:** Create a legend identifying the fire alarm devices.	**AHJ/FMO**
9	☐	☐	☐	**FIRE ALARM MATRIX:** Fire alarm input/output.	**NFPA 7.4.9**
10	☐	☐	☐	**FIRE ALARM RISER DIAGRAM:** Fire alarm riser location shall be indicated on plans.	**NFPA 7.4.5**
11	☐	☐	☐	**CUT SHEETS:** Provide manufacture's cut sheets indicating model numbers and listing information for equipment, devices, and materials.	**IFC 907.1.2**
12	☐	☐	☐	**MODE OF TRANSMISSION:** Indicate the mode of signal transmission for monitored systems (ie, POTS, IP, Cellular, Radio Frequency).	**AHJ/FMO**
13	☐	☐	☐	**24 HR BATTERY BACK-UP:** All forms of local transmission shall have 24hr battery back-up. Battery calculations required.	**NFPA 7.4.9**
14	☐	☐	☐	**SCALED PLANS:** Plans shall be drawn to scale and indicated on plans.	**NFPA 7.4.5**
15	☐	☐	☐	**TRUE NORTH:** Provide true north indicator on plans.	**NFPA 7.4.5**
16	☐	☐	☐	**ROOM IDENTIFICATION:** Identify the use of all rooms and spaces.	**IFC 907.1.2** **NFPA 7.4.5**
17	☐	☐	☐	**CEILING DETAILS:** Provide details of ceiling height and construction (Beams, open joists, etc.).	**IFC 907.1.2**
18	☐	☐	☐	**WALLS:** Provide all walls and doorways on plans.	**NFPA 7.4.5**
19	☐	☐	☐	**PARTITIONS:** Identify all partitions extending up to or above 15% of the ceiling height.	**NFPA 7.4.5**
20	☐	☐	☐	**MULTIPLE FLOORS:** Identify all the building's floors or levels.	**NFPA 7.4.5**
21	☐	☐	☐	**HVAC UNITS:** Show all HVAC Units > 2000 CFM with remote test switches for each.	**NFPA 21.7**
22	☐	☐	☐	**ALARM INITIATING DEVICES:** Indicate the locations of all fire alarm imitating devices.	**IFC 907.1.2**
23	☐	☐	☐	**NOTIFICATION APPLIANCES:** Show locations of all alarm notification appliances, including candela ratings.	**IFC 907.1.2**
24	☐	☐	☐	**NOTIFICATION AUDIBILITY:** Identify minimum audibility (db) level for occupant notification.	**IFC 907.1.2**
25	☐	☐	☐	**FIRE ALARM CONTROL PANEL:** Show locations) of FACP, transponders and power supplies.	**IFC 907.1.2**
26	☐	☐	☐	**ANNUNCIATORS:** Show locations) of all annunciators.	**IFC 907.1.2**
27	☐	☐	☐	**POWER CONNECTION:** Identify and describe the primary power connection for system (le; dedicated and protected 120v circuit).	**IFC 907.1.2**
28	☐	☐	☐	**CONDUCTOR:** Conductor type and size.	**IFC 907.1.2** **NFPA 7.4.5**
29	☐	☐	☐	**BATTERY CALCULATIONS:** List all the battery calculations for the system.	**IFC 907.1.2**

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30	☐	☐	☐	**VOLTAGE DROP CALCULATIONS:** Provide the voltage drop calculations.	**IFC 907.1.2**
31	☐	☐	☐	**MONITORING:** All fire alarm systems shall be monitored.	**IFC 907.6**
32	☐	☐	☐	**UL LISTED MONITORING:** Provide the credentials of the UL listed monitoring company/central monitoring station.	**AHJ/FMO NFPA 72 10.5.4 and 26.3**
33	☐	☐	☐	**DOCUMENT BOX:** With every modified or new system, a document cabinet shall be installed at the system control unit or at another location on the premises.	**AHJ/FMO NFPA 72 7.7.2**

PROJECT INFORMATION

PROJECT:	NEW MEDICAL OFFICE BUILDING
LOCATION:	2275 WELLSPRING AVE., SE RIO RANCHO, NEW MEXICO
ARCHITECT:	TATE FISHBURN ARCHITECT
LEGAL DESCRIPTION:	TRACT G4 TRACT 14A-1A OF CABEZON SUBDIVISION, UNIT 16, RIO RANCHO ESTATES
CURRENT ZONING CLASSIFICATION:	SU
NET SITE AREA:	56,187.41SF 1.2899 ACRES
BUILDING AREA:	OFFICE 14,000 SF
PARKING ANALYSIS:	
OFF-STREET PARKING	
OFFICE (MEDICAL OR DENTAL) 14,000 GSF	1:300 = 47 SPACES
	REQUIRED 47 SPACES
	TOTAL SPACES PROVIDED 55 SPACES
HANDICAP PARKING (51-75 PRVD) =	REQUIRED 3 SPACE TOTAL (1 VAN)
	PROVIDED 4 SPACE TOTAL (1 VAN)

All turning radius shall be 28'

Returned for Revision

01/16/2025

JAMES WENZEL

Digitally signed by JAMES WENZEL
DN: CN=JAMES WENZEL, OU=Users, OU=Fire, OU=Public Safety, OU=Departments, OU=Cities, DC=nd, DC=nmm, DC=gov
Date: 2024.10.04 12:34:10-06'00'

VACANT LAND
TRACT E5
THE VILLAGE

TRAIL SIDE RD SE
65' R/W 48' WIDE ROAD

VACANT LAND
TRACT G1
THE VILLAGE

OFFICE BUILDING
ONE STORY
14,000 SF
TRACT G4
THE VILLAGE

VACANT LAND
TRACT G2
THE VILLAGE

VACANT LAND
TRACT G3
THE VILLAGE

WELLSPRING AVE SE
86' R/W 64' WIDE ROAD

S67°29'39"E 293.95'

S22°30'21"W 146.66'

S53°30'33"W 169.27'

402.70'

Site shall require a secondary exit/ entrance or or provide options as listed in IFC Table D103.4 due to length being over 150'.

GRAPHIC SCALE
0 10' 30' 60'

1 SITE PLAN
1"=20'-0"

CURVE TABLE					
#	DELTA	RADIUS BEARING	CHORD LENGTH	CHORD LENGTH	ARC
C27	1°54'51"	2043.00'	N58°12'02"W	68.25'	68.25'
C65	87°42'00"	50.00'	N21°20'39"W	59.28'	76.53'

TATE FISHBURN ARCHITECT
BOX 2941 CORRALES NEW MEXICO 87048 PHONE 505 899 9338 FAX 899 9328

ARCHITECT SEAL

ENGINEER SEAL

PROJECT

NEW MEDICAL OFFICE BUILDING
2275 WELLSPRING AVE., SE
RIO RANCHO, NEW MEXICO

REVISIONS

DATE JANUARY 2025

NORTH

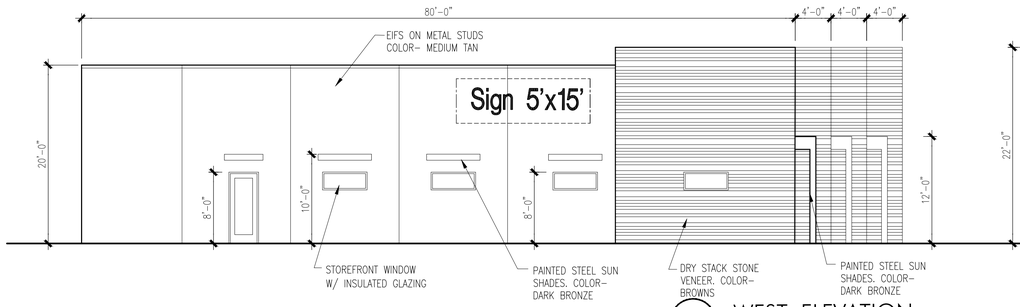
SCALE 1" = 20' U.N.O.

DRAWING NAME

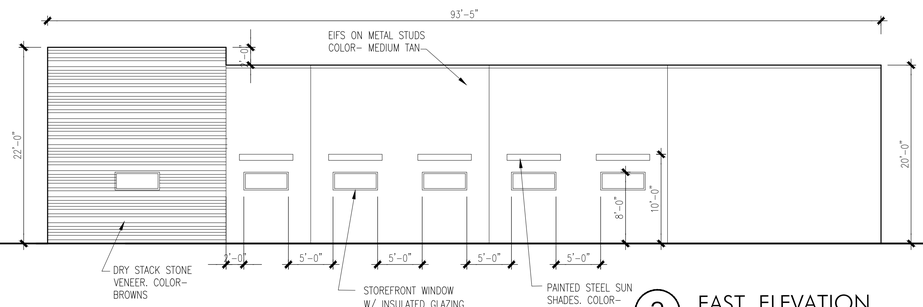
SITE PLAN

SHEET NUMBER

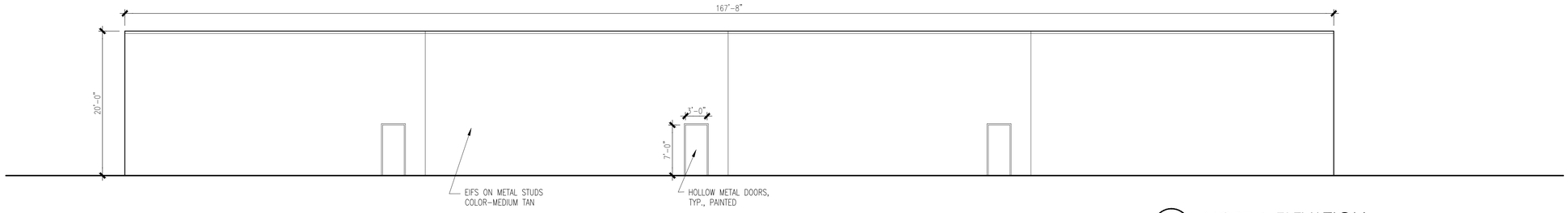
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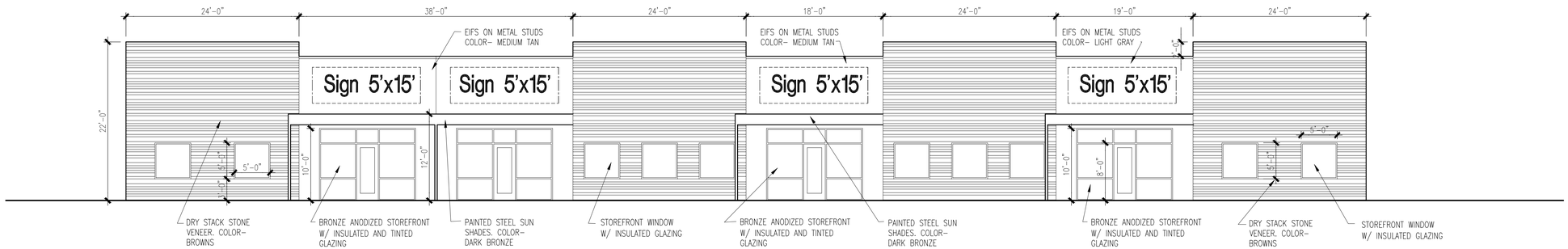
4 WEST ELEVATION
1/8"=1'-0"



3 EAST ELEVATION
1/8"=1'-0"



2 NORTH ELEVATION
1/8"=1'-0"



1 SOUTH ELEVATION
1/8"=1'-0"



COLOR RENDERING
1/8"=1'-0"

TATE FISHBURN
ARCHITECT
BOX 2941 CORRALES NEW MEXICO 87048 PHONE 505 899 9328 FAX 899 9328

ARCHITECT SEAL

ENGINEER SEAL

PROJECT

NEW MEDICAL OFFICE BUILDING
2275 WELLSPRING AVE., SE
RIO RANCHO, NEW MEXICO

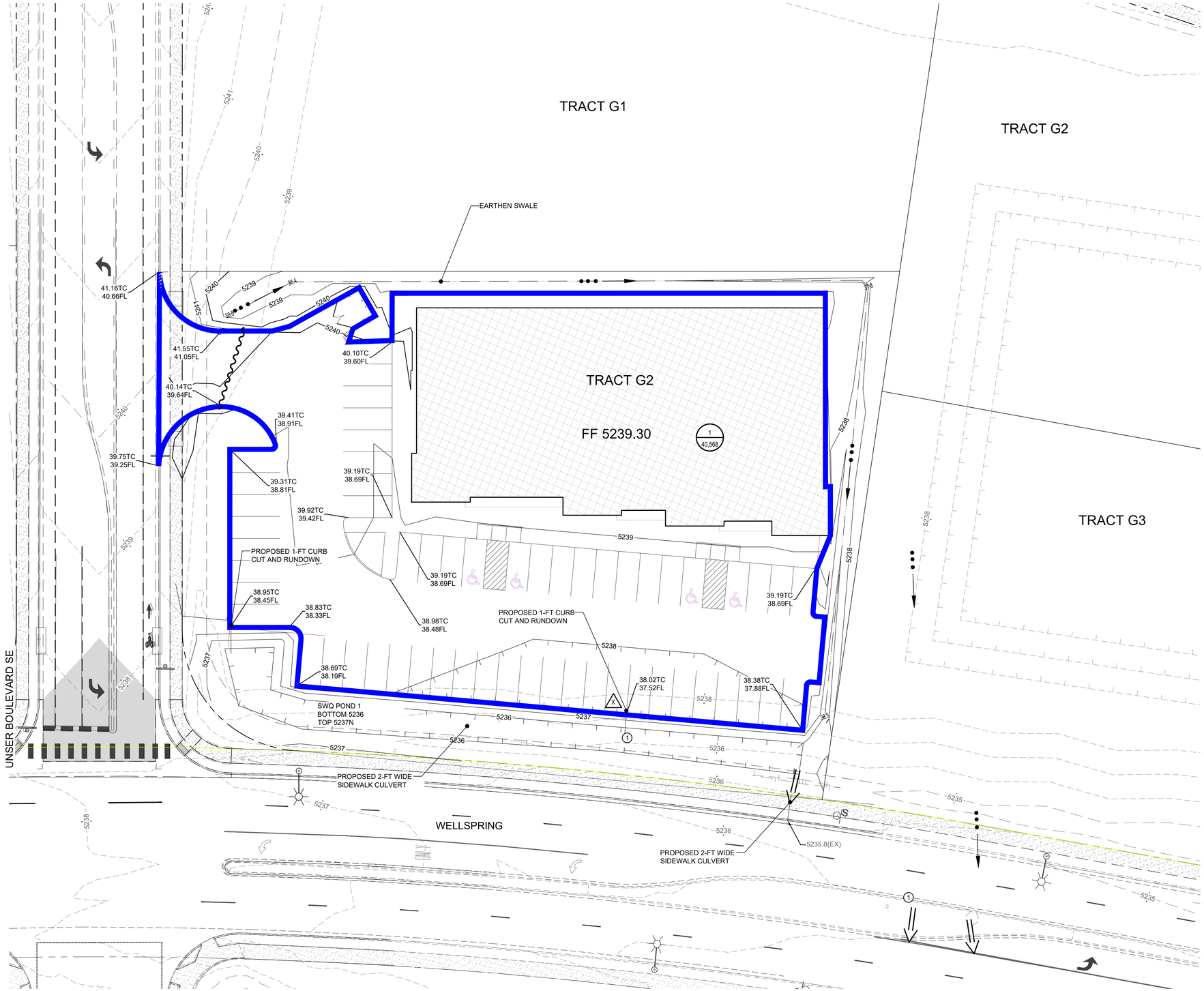
REVISIONS

DATE
JANUARY 2025

SCALE
1/8"= 1'-0"
OR AS NOTED

DRAWING NAME
CONCEPTUAL BLDG.
ELEVATIONS

SHEET NUMBER
A201



STORM WATER QUALITY VOLUME & SUMMARY

STORMWATER QUALITY VOLUME(SWQV) IS 0.42-INCHES MULTIPLIED BY THE IMPERVIOUS AREAS. SEE CALCULATIONS BELOW.

REQUIRED SITE SWQV IS 1,427 CF
PROVIDED SITE SWQV IS 2,201 CF

LEGEND

- BASIN ID / AREA (SF) (XP-X / X.XX)
- ANALYSIS POINT (X)
- SWQ POND # (X)
- DISCHARGE LOCATION
- FLOW DIRECTION
- WATER BLOCK
- 5050 EXISTING (INDEX) CONTOUR
- 5251 EXISTING (INTERMEDIATE) CONTOUR
- 5040 PROPOSED (INDEX) CONTOUR
- 5041 PROPOSED (INTERMEDIATE) CONTOUR

SCALE: 1" = 40'

TWO WORKING DAYS BEFORE YOU DIG CALL 811 OR 260-1990

Rio Rancho City of Vision

NO.	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			

REVISIONS (OR CHANGE NOTICES)

Designed By:
HUITT-ZOLLARS
HZ Huitt-Zollars, Inc
333 Rio Rancho Drive NE Suite 101
Rio Rancho, New Mexico 87124
Phone (505) 892-5141 Fax (505) 892-3259

Designed For:
SANDIA VIEW, LLC

CONCEPTUAL GRADING & DRAINAGE PLAN

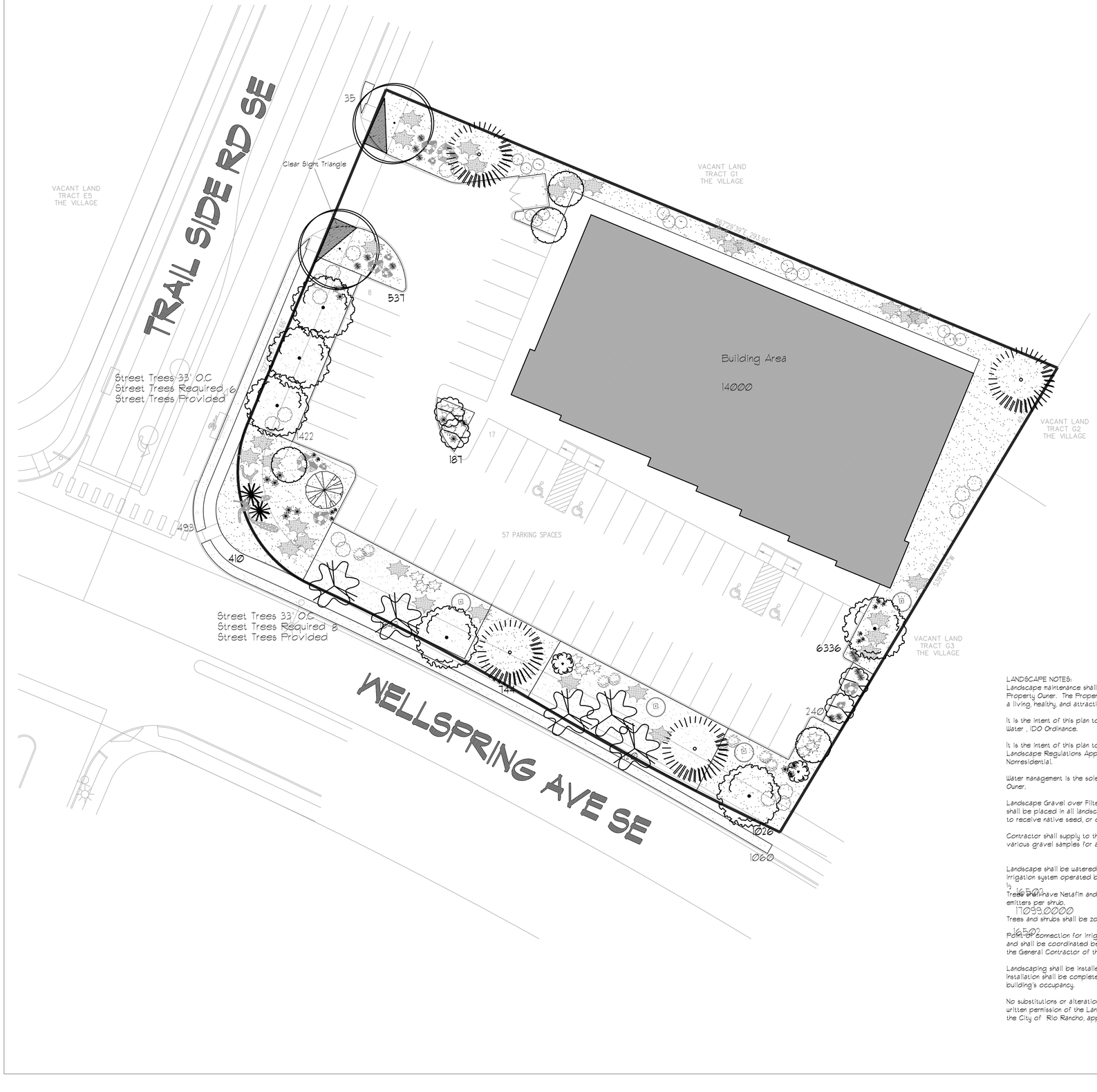
TRACT G4 THE VILLAGE IMPROVEMENTS
RIO RANCHO, NEW MEXICO

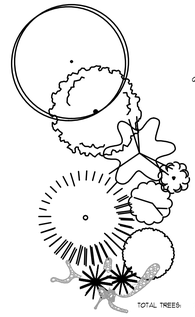
SCOTT A. EDDINGS NEW MEXICO 12856 REGISTERED PROFESSIONAL ENGINEER

PROJECT NO.	R319724.02
DESIGNED BY:	SAE
DRAWN BY:	LRT
CHECKED BY:	SAE
DATE:	Sept. 16, 2022
DPW CHK:	

SHEET: G1

Plotted: 11/4/2025 4:49:30 PM, By:Eddings, Scott
H:\Projects\319724.02\Civil\Entitlement\CONCEPT GRADING PLAN.dwg
Last Saved:11/4/2025 4:46:20 PM, aeddings





LANDSCAPE LEGEND

TREES

QTY.	SIZE	COMMON/BOTANICAL NAME	DIMS	WATER USE	COVERAGE	TOTAL COVERAGE
2	2" CAL	Honey Locust *Gleditsia triacanthos*	50'x45'	M	1960	3180
6	2" CAL	Raywood Ash *Fraxinus angustifolia oxycarpa*	35'x25'	M	491	2946
5	2" CAL	Purple Robe Locust *Robinia pseudoacacia 'purple Robe*	30'x20'	M	314	1570
2	2" CAL	Crape Myrtle Cherokee *Lagerstroemia CherokeeMulti-Trunk Tree Form*	15'x15'	M	177	354
4	2" CAL	Redbud *Cercis canadensis 'Pink pom poms"*	15'x12'	M	113	452
4	6'	Austrian Pine *Pinus nigra*	35'x25'	M	491	1964
4	2" CAL	Paul's Scarlet Hawthorn *Crataegus laevigata 'Paul's Scarlet'*	15'x15'	M	177	708
2	4'-6'	Palm Yucca *Yucca faxoniana*	15'x6'	L	28	56
TOTAL TREES:	29				TOTAL COVERAGE:	11230

Shrubs & Groundcovers

	QTY.	SIZE	COMMON/BOTANICAL NAME	DIMS	WATER USE	COVERAGE	TOTAL COVERAGE
	11	5 Gal	Karl Foerster Grass *Calamagrostis arudinacea*	2.5'x2'	M	3.14	34.54
	12	5 Gal	Blue Rug Juniper *Juniperus horizontalis*	1'x5'	M	20	240
	8	5 Gal	India Hawthorne *Raphiolepis indica*	3'x5'	M	20	160
	30	5 Gal	Buffalo Juniper *Juniperus sabina 'Buffalo'*	1'x8'	M	50	1500
	12	5 Gal	Dwarf Fountain Grass *Pennisetum alopecuroides 'Hamelin'*	3'x3'	M	7	84
	6	5 Gal	Apache Plume *Fallugia paradoxa*	6'x5'	L	20	120
	9	5 Gal	Chamisa *Chrysothamnus nauseosus*	5'x5'	L	20	180
	4	5 Gal	Gro-Low Sumac *Rhus aromatica 'Gro-Low'*	3'x8'	M	50	200
	16	5 Gal	Fern Bush *Chamaebatiaria millefolium*	5'x6'	L	2826	452
	1	5 Gal	Common Lilac *Syringa vulgaris*	15'x15'	M+	176.63	177
	15	5 Gal	Agave *Agave Parryi*	2'x2'	L	177.63	266.4
TOTAL SHRUBS:	124				TOTAL COVERAGE		9812.00

	14	2-3cf	Boulders *To be placed at contractor discretion*
	9240		Landscape Gravel / No Filter Fabric *3/4" Crushed Grey* Submit samples of gravel and cobble for approval
	7213		Santa Fe Brown Crusher Fine / No Filter Fabric Submit samples of gravel and cobble for approval
	120		Oversize Landscape Gravel / No Filter Fabric *2-4" Valley Gold, Accent Cobble around Palm* Submit samples of gravel and cobble for approval
	16453		Total Landscape Area Provided

LANDSCAPE NOTES:
Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain landscaping in a living, healthy, and attractive condition.

It is the intent of this plan to comply with the City Of Rio Rancho Water , IDO Ordinance.

It is the intent of this plan to comply with the City of Rio Rancho Landscape Regulations Applicable to Apartments and Nonresidential.

Water management is the sole responsibility of the Property Owner.

Landscape Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas which are not designated to receive native seed, or other treatment.

Contractor shall supply to the owner samples and prices of various gravel samples for approval prior to installing.

Landscape shall be watered by a complete underground irrigation system operated by automatic timer.
~~1,162.00~~
Trees shall have Netafim and shrubs shall have a minimum of 2 emitters per shrub.
17099.0000
Trees and shrubs shall be zoned separately.
~~1650~~
Point of connection for irrigation system is unknown at current time and shall be coordinated between the Landscape Contractor and the General Contractor of the project prior to construction.

Landscaping shall be installed according to the approved plan. Installation shall be completed within 60 days of the related building's occupancy.

No substitutions or alterations to this plan with out the express written permission of the Landscape Architect, and approval of the City of Rio Rancho, approved permit set.

LANDSCAPE CALCULATIONS

TOTAL LOT AREA (sf)	56518
LANDSCAPE REQUIREMENT	X0.10
TOTAL LANDSCAPE REQUIRED (15%)	5652
TOTAL ON-SITE LANDSCAPE PROVIDED	16453
TOTAL LIVE PLANT COVER REQUIRED (75%)	12340
TOTAL LIVE PLANT COVER PROVIDED	11042

47 PARKING SPACES
PARKING TREE REQUIRED 5
PROVIDED 5

GRAPHIC SCALE
20 10 0 10 20
SCALE: 1" = 20'-0"

REVISIONS		
	Date:	Comment

Designed By: JFT/
Drawn By: JFT/
Approved By: ID. Mitchell
Date: 1/10/2025

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STATEWIDE - 811 OR
1-800-321-ALERT (2537)
www.nmonecall.org
Call two working days
before you dig.

File ID:

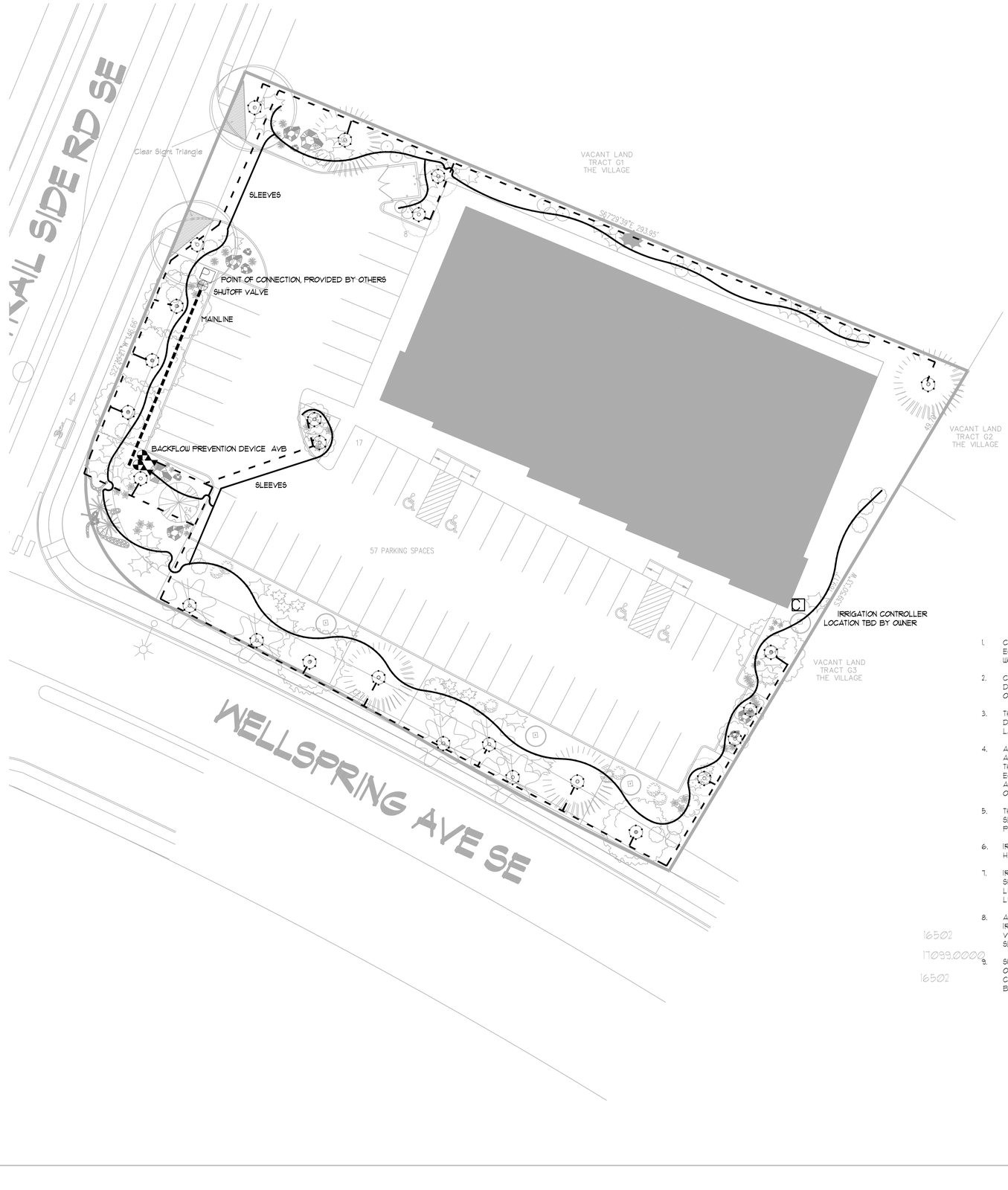
Landscape Plan

The Village,
2275 Wellspring SE,
Rio Rancho, NM

Mitchell Associates, inc
Landscape Architecture
Danny Mitchell
505.639.9583
danny@mitchellassociatesinc.com

Seal:
Landscape Architect
STATE OF NEW MEXICO
DANNY D. MITCHELL
REGISTERED LANDSCAPE ARCHITECT
Jan. 11, 2025

Project NO: 2025-001
DRAWING NO: LS-101



16502

17099.0000

16502

IRRIGATION LEGEND

	COMPONENT	MANUFACTURER	SIZE / NOTES
⊡	POINT OF CONNECTION, PROVIDED BY OTHERS	SEE CIVIL PLANS	1"
⊠	IRRIGATION CONTROLLER	RAINBIRD	As Required
⧗	BACKFLOW PREVENTION DEVICE AVB.	FEBCO (OR EQUAL)	1"
⊕	SHUTOFF VALVE	RAINBIRD	1"
▬▬	MAINLINE	Sch 40 PVC	1"
●	ELECTRIC ZONE VALVE	RAINBIRD	3/4" with Pressure Regulation and Y Filter
═══	SLEEVES	Class 200 PVC	2 SIZES LARGER THAN PIPE TO BE SLEEVED.
═ ═	Drip Line, Tree Netafim Rings	Class 200 PVC	1"
▬▬	Drip Line, Strub Drip Emitter Line	Polyline	3/4"- 1"
⊙	Netafim Tree Irrigation Lines	RAINBIRD,	SEE DETAIL

Size Equipment as Required for Flow Rate

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
2. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
3. THE IRRIGATION CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
5. THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
6. IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
7. IRRIGATION LATERAL LINES, MAIN LINES AND EQUIPMENT MAY BE SHOWN OUTSIDE PROPERTY LINES ON THIS PLAN. ALL IRRIGATION LINES AND EQUIPMENT ARE TO BE WITHIN AND INSTALLED WITHIN THE LIMITS OF THE PROPERTY LINE.
8. ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. SEE SLEEVING DETAIL.
9. SUPPLY LINE AND WATER METER TO BE PROVIDED BY OWNERBACKFLOW PREVENTOR TO BE PROVIDED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN DOWNSTREAM OF THE IRRIGATION WATER METER.

GENERAL NOTES

Irrigation shall be a complete underground system.

Trees and shrubs shall be on separate valves.

Point of connection for irrigation system shall be as indicated on the Utility Plan, Civil drawings. Landscape Contractor point of connection and responsibility shall begin downstream of the point of connection.

Irrigation will be operated by smart irrigation system automatic controller, capable of multi-programming ability.

Location of controller to be field determined and power source for controller to be provided by the owner.

Irrigation maintenance shall be the responsibility of the Property Owner.

Water and Power source for irrigation system shall be the responsibility of the Property Owner.

GRAPHIC SCALE

20 10 0 10 20

SCALE: 1" = 20'-0"

		REVISIONS
Designed By:		
Drawn By:	Date:	Comment
Approved By:	D. Mitchell	
Date:		

NEW MEXICO ONE CALL
STATEWIDE - 811 OR
1-800-321-ALERT (2537)
www.nmonecall.org
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before you dig.

File ID:

Irrigation Plan

The Village, 2275 Wellspring SE, Rio Rancho, NM

Mitchell Associates, inc
Landscape Architecture
Danny Mitchell
505.639.9583
danny@mitchellassociatesinc.com

Seal:

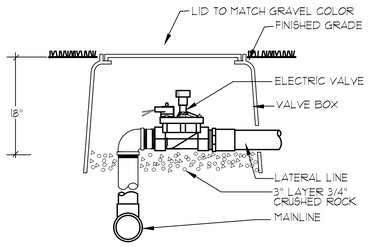
Landscape Architect

STATE OF NEW MEXICO
DANNY D. MITCHELL
2010
REGISTERED LANDSCAPE ARCHITECT

Jan. 11, 2025

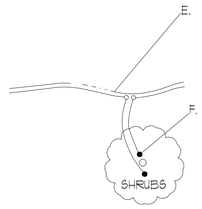
Project NO:

DRAWING NO: LS-102



ELECTRIC VALVE ASSEMBLY

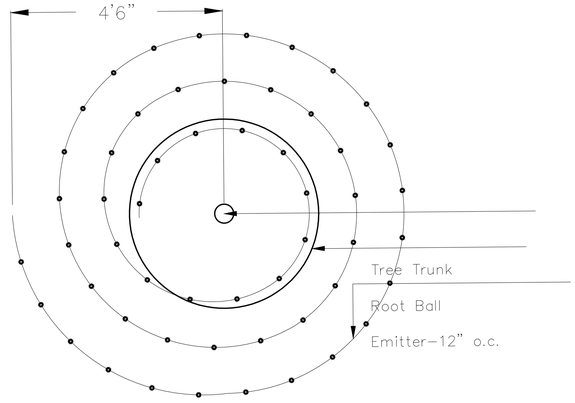
N.T.S.



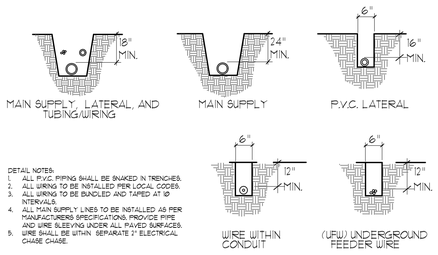
E. PE DRIPLINE
F. EMITTER PLACED WITHIN 6" OF PLANT STEM
NOTE: PLACE EMITTER ABOVE PLANT ON SLOPE

EMITTER PLACEMENT DETAIL

N.T.S.



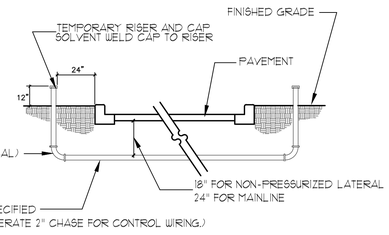
Netafim Spiral Detail



DETAIL NOTES:
1. ALL PVC PIPING SHALL BE SNAKED IN TRENCHES.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODES.
3. ALL WIRING TO BE BUNDLED AND TAPED AT Ø INTERVALS.
4. ALL MAIN SUPPLY LINES TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. PROVIDE PIPE AND WIRE SLEEVING UNDER ALL PAVED SURFACES.
5. WIRE SHALL BE WITHIN SEPARATE 2" ELECTRICAL CHASE CHASE.

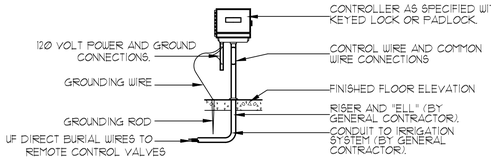
TRENCHING DETAIL

N.T.S.



SLEEVE INSTALLATION DETAIL

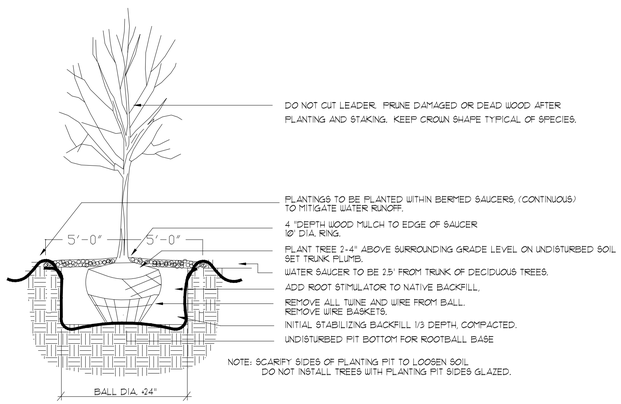
N.T.S.



DETAIL NOTES:
1. ELECTRICAL POWER TO BE SUPPLIED BY OTHERS.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODES.
3. SEE ELECTRICAL PLANS FOR LOCATION OF CONTROLLER.
4. CONTROLLER TO BE MOUNTED APPROXIMATELY 5'-0" ABOVE FINISHED FLOOR ELEVATION.

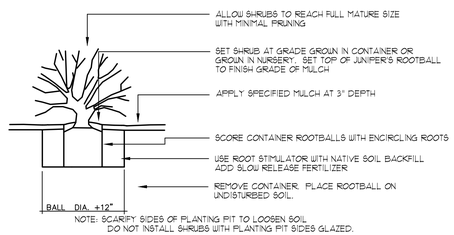
CONTROLLER DETAIL

N.T.S.



TREE PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.

REVISIONS

	Date:	Comment

Designed By:
Drawn By:
Approved By: *D. Mitchell*
Date:

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File ID:

Landscape Detail

Mitchell Associates, inc
Landscape Architecture
Danny Mitchell
505.639.9583
danny@mitchellassociatesinc.com

Seal:
Landscape Architect
STATE OF NEW MEXICO
DANNY D. MITCHELL
REGISTERED LANDSCAPE ARCHITECT
Jan. 11, 2025

Project NO:
DRAWING NO: LS-103

The City of Rio Rancho

Development Services
Planning Division
3200 Civic Center Circle NE
Rio Rancho, NM 87144
Phone (505) 891-5005 ● Fax (505) 896-8994

January 24, 2025

RE: Site Plan, Case No. 25-160-00001
The Village, Tract G4

Dear Property Owner:

You are receiving this certified notice because your property abuts a site where a land development decision is required by the Governing Body.

The applicant, D. McCall, through their agent, Huitt-Zollars, Inc, is requesting a site plan approval for a medical office at the property legally described as The Village, Tract G4 and addressed as 2275 Wellspring Ave SE. The property is zoned SU: Special Use and is approximately 1.29 acres.

The **Governing Body** will consider the request and have the final approval on **Thursday, February 13, 2025** at 6:00 pm in the **Council Chambers** and **Virtually** as a hybrid meeting, through the **Zoom link and number below.**

On the back of this letter is a location map of the project, with the subject property identified with a light blue outline.

If you would like to comment on this application, you are encouraged to send in comments in writing, which will be presented to the Governing Body. This Governing Body meeting will be hybrid with options to participate virtually or in person. The City highly encourages citizens to watch the meeting live on the City's website www.rrnm.gov or on Sparklight cable channel 56.

For the **Governing Body meeting**, to participate virtually: Join via computer:
https://us06web.zoom.us/j/85302353741?pwd=bWp1QXliSGJoeHhJaGVOczF4MDN0UT09
Meeting ID: 853 0235 3741 Passcode: 789419 Join via phone: 1-346-248-7799 US

Please contact me via e-mail me at mcostilla@rrnm.gov or call me at 505-896-8362, if you have any questions concerning this matter. The agenda for this hearing and related staff reports will be posted on the City's website, www.rrnm.gov, the Friday before the hearing.

If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the City Clerk, 505-891-5004, as soon as possible prior to the meeting. Please contact the City Clerk if a summary or other type of accessible format is needed.

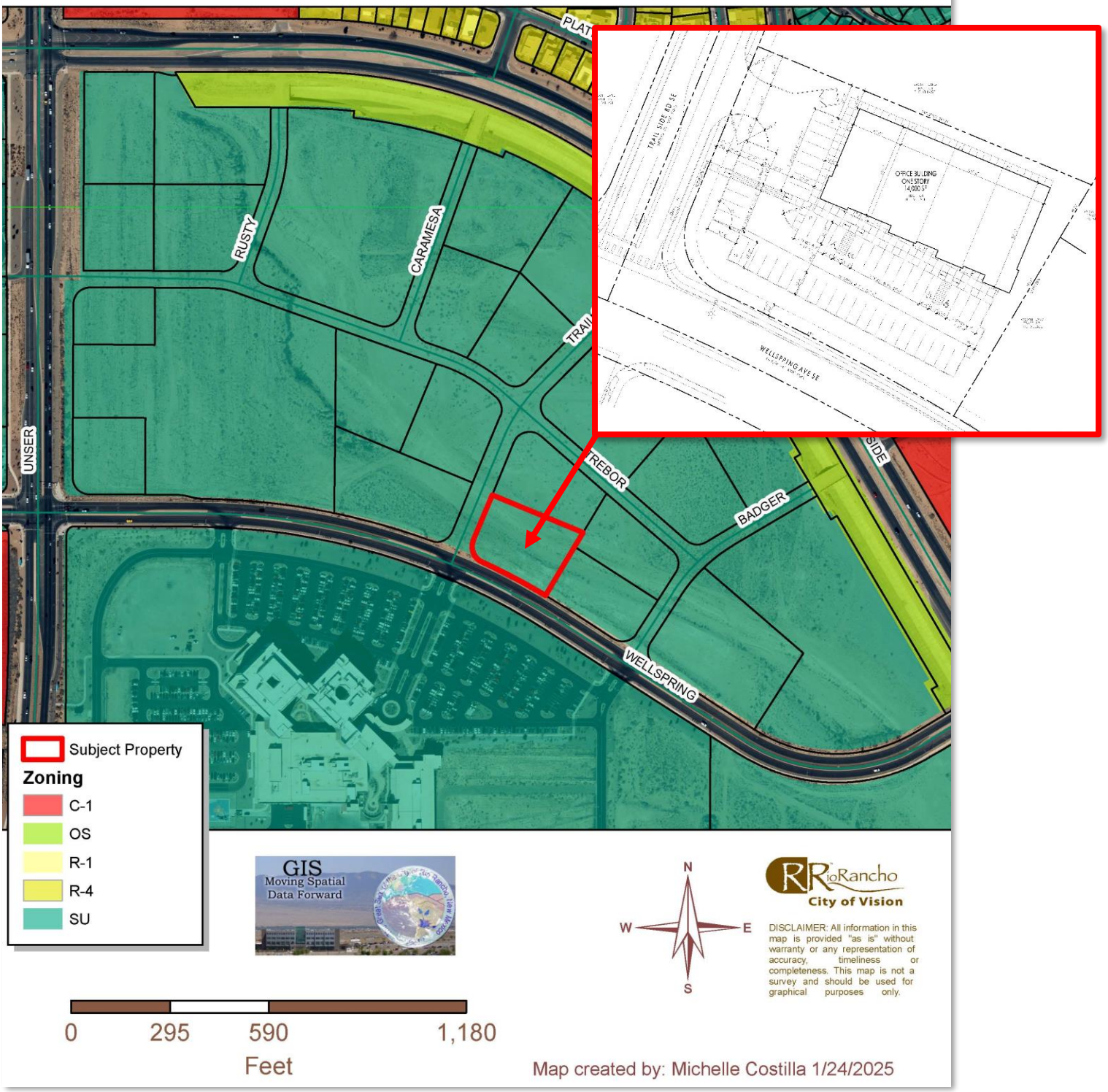
Respectfully,

Michelle Costilla
Municipal Planner II
Development Services Department
City of Rio Rancho

The City of Rio Rancho

Development Services
Planning Division
3200 Civic Center Circle NE
Rio Rancho, NM 87144
Phone (505) 891-5005 ● Fax (505) 896-8994

THE VILLAGE, TRACT G4



DISCLAIMER: All information in this map is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. This map is not a survey and should be used for graphical purposes only.

Map created by: Michelle Costilla 1/24/2025

NEW MEXICO'S LEADING NEWS SOURCE

ALBUQUERQUE JOURNAL

El Defensor Chieftain | Rio Rancho Observer | Valencia County News-Bulletin

Dept 880697
PO Box 29650
Phoenix, AZ 85038-9650 Phone: (505)823-3220

Proof of Ad 01/24/2025

Account:	**1010956**
Name:	**CITY OF RIO RANCHO**
Company:	**CITY OF RIO RANCHO DEVELOPMENT SVCS DEPT** **ATTN: ACCOUNTS PAYABLE**
Address:	**3200 CIVIC CENTER CIR NE** **RIO RANCHO, NM 87144**
Telephone:	**(505)891-5005**

Ad ID:	**174290**
Description:	
Run Dates:	**01/29/2025 - 01/29/2025**
Class:	**3001**
Orig User:	**dmontoya**
Words:	**166**
Lines:	**46**
Agate Lines:	**69**
Depth:	**4.90**
Blind Box:	

Total Ad Cost **$66.31**
Amount Paid **$0.00**

Publication	Start	Stop	Inserts	Cost
Albuquerque Journal	01/29/2025	01/29/2025	1	61.61

RRioRancho
City of Vision

CITY OF RIO RANCHO
PUBLIC HEARING NOTICE

The GOVERNING BODY of the CITY of RIO RANCHO will consider the following matter at its regularly scheduled meeting at 6:00 p.m. on Thursday, February 13, 2025:

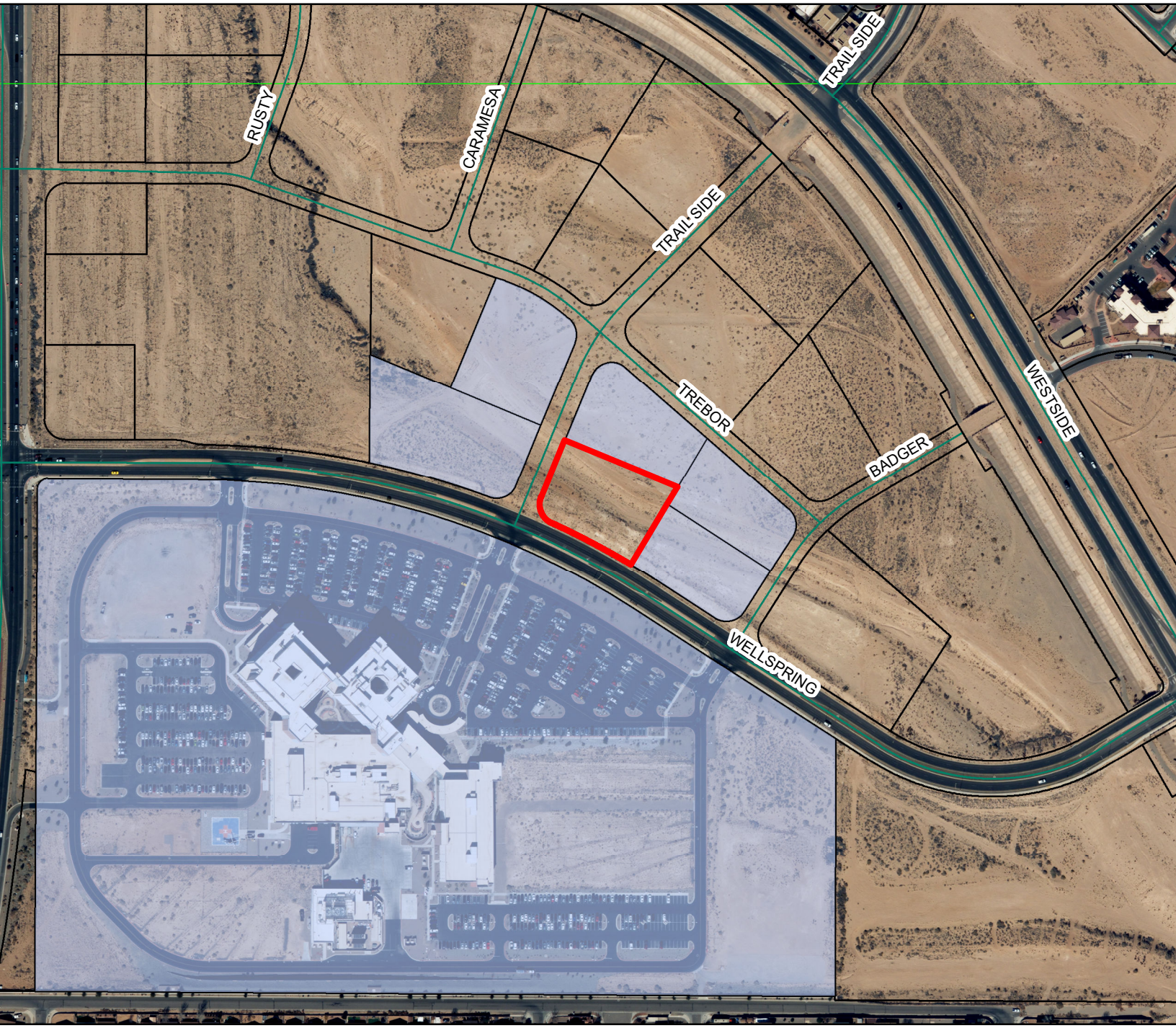
Site Plan
Case #25-160-00001
The applicant, D. McCall, through their agent, Huitt-Zollars, Inc, is requesting a site plan approval for a medical office at the property legally described as The Village, Tract G4 and addressed as 2275 Wellspring Ave SE. The property is zoned SU: Special Use and is approximately 1.29 acres.

The meeting is scheduled in the Council Chambers at City Hall, 3200 Civic Center Cir. NE, Rio Rancho, NM. The public is invited to attend in person or virtually at www.rrnm.gov. Materials related to this item are available for viewing in the Development Services Department at City Hall.

If you would like to comment on this application, you are encouraged to submit a written comment to planning@rrnm.gov. Written comments will be inserted into the public record.

Journal: January 29, 2025

THE VILLAGE, TRACT G4



Subject Property
Abutting Properties

GIS
Moving Spatial Data Forward

N
W E
S

RioRancho
City of Vision

DISCLAIMER: All information in this map is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. This map is not a survey and should be used for graphical purposes only.

0 295 590 1,180
Feet

Map created by: Michelle Costilla 1/24/2025

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: O1

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Administration

SUBJECT:
O1, Ordinance Amending Chapter 123 Regulations for Short-Term Rentals in the City of Rio Rancho

BACKGROUND AND ANALYSIS:
Second reading of an ordinance. Two readings with approval required for adoption.

On October 10, 2024, the Governing Body of the City of Rio Rancho adopted Ordinance No. O22, establishing Chapter 123, Regulations for Short-term Rentals.

These regulations establish standards and procedures for the issuance of a permit to operate Short-term Rental Units within the City. Short-term rentals will be allowed to operate as a permissive use in single-family residential zoning districts. A permit will be required to operate, rent, offer to rent or advertise a short-term rental within the City. Short-term rental permits will be issued to natural persons only, with a limit of two permits, per natural person. Permits will be capped annually at one percent (1%) of the total housing units in the City as determined by the U.S. Census Bureau, with current data yielding a permit availability of 420. The regulations additionally impose occupancy limitations and a rental frequency limitation of once within a seven-day period.

The regulations further enable the City to collect application ($100) and permit ($300 annually) fees, and Gross Receipts and Lodger's Tax to aid in administration and enforcement. Additionally, permit holders can be administratively fined up to $500 per day for non-compliance, with continued non-compliance resulting in revocation of the permit or criminal prosecution.

The Department of Development Services will be responsible for issuing permits, conducting inspections, and enforcing short-term renal regulations. The effective date of the regulations is July 1, 2025.

Based on public comments heard during the first and second reading of the regulations in October 2024, a work group was formed to further explore the impacts of the regulations. The workgroup, comprised of Mayor Hull, Councilor Tyler and Councilor Dapson, met with citizens negatively impacted by neighboring short-term rentals as well as short-term rental operators and advocates.

The proposed amendments will expand short-term rental operators' ability to utilize their property to generate supplemental income by using their homes and accessory dwelling units as short-term rental units on a more flexible and frequent basis. The proposed amendments additionally expand protections for neighborhood character and quality by instituting a limitation on how densely Short-term Rental Units may be located. To support this permitting process under the density limitation, the permit renewal grace period has been reduced from 30 days to 15 days. This will allow

unrenewed permits to more quickly revert to the City and become available to neighboring property owners.

IMPACT:

The amendments in the proposed ordinance will allow short-term rental operators to rent their short-term rental unit up to seven times per month or eight-four (84) times per year, rather than once per seven days or fifty-two (52) times per year, as previously provided. The amendment additionally removes the frequency limitation during each month of October, when the Albuquerque International Balloon Fiesta generates an increase in the need and desire for lodging accommodations within the City.

The current regulations impose an overall permit cap of one percent of the total housing units in the City. The addition of a density limitation ensures that no single location in the City is disproportionately impacted by short-term rentals by requiring short-term rental units to be spaced at least one hundred (100) feet apart.

ALTERNATIVES:

Approve amendments to the Ordinance.

Do not approve amendments to the Ordinance.

DEPARTMENT RECOMMENDATION:

City staff recommends approval of the Ordinance as presented.

ATTACHMENT: Ordinance_O1
ATTACHMENT: Chapter 123 Municipal Code
ATTACHMENT: M. Lowry Public Comment

CITY OF RIO RANCHO
ORDINANCE

ORDINANCE NO. **ENACTMENT NO.**

ORDINANCE AMENDING CHAPTER 123 REGULATIONS FOR SHORT-TERM RENTALS

WHEREAS: on October 10, 2024, the Governing Body of the City of Rio Rancho adopted Ordinance No. O22, establishing Chapter 123, Regulations for Short-term Rentals; and

WHEREAS: the proliferation of private dwelling units in residentially zoned districts being offered for rent for short periods ("short-term rentals) presents unique challenges to the public health, safety and well-being of City residents; and

WHEREAS: private property owners have the opportunity to generate supplemental income by utilizing their homes and accessory dwelling units as short-term rental units; and

WHEREAS: the City of Rio Rancho has the ability and desire to amend the regulations for short-term rentals to balance the public health, safety and well-being of its residents, and the interests of private and property owners.

NOW THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

Section 1. Chapter 123, Section 123.04(B)(10) is hereby amended as follows (strikethrough is deleted text and underline is new text):

CHAPTER 123.04(B)(10)

A Short-term Rental Unit shall not be ~~rented~~ occupied for more than ~~once within a seven (7)-day period.~~ seven (7) separate rental periods within a calendar month. There shall be no rental frequency limitations during the month of October each year.

Section 2. Chapter 123, Section 123.05(D) is hereby amended as follows (strikethrough is deleted text and underline is new text):

CHAPTER 123.05(D) Permit Limits

(1) The total number of short-term rental permits used by the Department of Development Services shall not exceed one present (1%) of the "total housing units" in Rio Rancho as listed in the "Comparative Housing Characteristics" table of the most recent U.S. Census Bureau's American Community Survey as of January 1st each year.

(2) A short-term rental permit shall not be issued for a short-term rental unit if the subject property, as identified in the application, is located within a one hundred (100) foot radius of a permitted short-term rental unit. The radius shall be measured from the subject property boundary.

Section 3. Chapter 123, Section 123.05(F) is hereby amended as follows (strikethrough is deleted text and underline is new text):

CHAPTER 123.05(F) Permit Renewals:

Unless revoked pursuant to Section 123.09, an owner may renew a short-term rental permit annually.

(1) An application for renewal of a short-term rental permit shall include the records required by Section 123.06 for the previous one (1) year.

(2) A Short-term Rental Operator must renew a short-term rental permit and the associated business registration by expiration date of the pervious short-term rental permit.

(3) If a short-term rental permit is not renewed by the date the previous short-term rental permit expires, the owner may pay a late fee of fifty dollars ($50.00) to extend the time for filing by ~~thirty (30)~~ fifteen (15) days.

(4) If a permit is not renewed by its expiration date, including any ~~thirty (30)~~ fifteen (15) day extension, then the permit will revert to the Department of Development Services and will become available to the next eligible applicant.

Section 4. Chapter 123, Section 123.09(D) is hereby amended as follows (strikethrough is deleted text and underline is new text):

CHAPTER 123.09(D) Administrative Enforcement and Fines

Failure to pay any fine imposed by the Department of Development Services within fifteen (15) days shall result in the ~~automatic~~ revocation of the short-term rental permit.

Section 5. Chapter 123, Section 123.10(C) is hereby amended as follows (strikethrough is deleted text and underline is new text):

CHAPTER 123.10(C)

Any person violating Section A or B of this subsection ~~shall~~ may be subject to the penalties prescribed in Section 10.99.

Section 6. Severability Clause. If any section, paragraph, clause, or provision of this Ordinance, or any section, paragraph, clause, or provision of any regulation

promulgated hereunder shall for any reason be held to be invalid, unlawful, or enforceable, the invalidity, illegality, or unenforceability of such section, paragraph, clause, or provision shall not affect the validity of the remaining portions of this Ordinance or the regulation so challenged.

Section 7. Compiling Clause. This Ordinance shall be incorporated in and compiled as part of the Revised Ordinances of the City of Rio Rancho, (R.O. 2003).

Section 8. Effective Date. This Ordinance shall become effective July 1, 2025.

ADOPTED THIS _____DAY OF _____, 2025

_____
Greggory D. Hull, Mayor

ATTEST:

_____
Noel C. Davis, City Clerk
(SEAL)

CHAPTER 123
REGULATIONS FOR SHORT-TERM RENTALS[1] Revised 11/24

Section

123.01 Title Revised 11/24

123.02 Purpose Revised 11/24

123.03 Definitions Revised 11/24

123.04 General provisions Revised 11/24

123.05 Short-term rental permit Revised 11/24

123.06 Application for a short-term rental permit Revised 11/24

123.07 Inspections Revised 11/24

123.08 Fees Revised 11/24

123.09 Administrative enforcement and fines Revised 11/24

123.10 Criminal violation and penalty Revised 11/24

123.01 TITLE. Revised 11/24

This chapter shall be known as “Regulations for Short-Term Rentals in the City of Rio Rancho” and is referred to elsewhere herein as “these regulations.” The City of Rio Rancho shall hereafter be referred to as “the city.”

(Ord. 24-22)

123.02 PURPOSE. Revised 11/24

These regulations establish standards and procedures for the issuance of a permit to operate short-term rental units within the city.

(Ord. 24-22)

123.03 DEFINITIONS. Revised 11/24

For the purpose of these regulations, the following definitions shall apply unless the context clearly indicates or requires a different meaning:

NATURAL PERSON. An individual human being, distinguished from the broader category of “person” used

elsewhere in this title that additionally includes estate, trust, receiver, cooperative association, club, corporation, company, firm, partnership, joint venture, syndicate or other entity engaging in a business, profession, occupation, trade, pursuit or commercial activity.

SHORT-TERM RENTAL OPERATOR. The owner or party otherwise responsible for a short-term rental unit.

SHORT-TERM RENTAL UNIT. All or portion of a "dwelling unit," as defined in Section 154.03, providing accommodation which is offered for rent to a number of guests for a period of less than 30 days.

(Ord. 24-22)

123.04 GENERAL PROVISIONS. Revised 11/24

(A) Short-term rentals will be permitted in single-family residential zoning districts E-1, R-1, R-2, R-3, R-4, and R-5 as described in Chapter 154.

(B) Unless otherwise stated, the following general provisions apply to all short-term rental units:

(1) The short-term rental operator shall maintain a valid business registration, as described in Chapter 110, for the purpose of operating a short-term rental unit within the city.

(2) The short-term rental operator shall pay all applicable local, state, and federal taxes, including lodger's tax, gross receipts tax, and income tax associated with the operation of each short-term rental unit.

(3) A short-term rental unit shall meet all building, fire, and safety codes for the applicable zoning of the property.

(4) The short-term rental operator shall maintain short-term rental insurance coverage for each short-term rental unit in the minimum amount of $250,000 per short-term rental unit.

(5) A short-term rental unit shall have a local short-term rental operator that is available 24 hours per day, seven days per week, to respond to complaints regarding the operation or occupancy of the short-term rental unit. The short-term rental operator must be accessible by telephone and able to be physically present at the short-term rental unit within one hour of being contacted.

(6) The short-term rental operator shall notify all guests in writing of relevant city ordinances. All guests shall comply with all relevant city ordinances.

(7) The maximum overnight occupancy of a short-term rental unit is limited to two people per bedroom plus an additional two people per unit. For the purposes of calculating occupancy, children under the age of two are excluded.

(8) Gatherings of persons in excess of the maximum overnight occupancy prescribed above shall not exceed two times the maximum overnight occupancy.

(9) The short-term rental operator shall provide off-street parking on site as follows:

(a) One parking space for a short-term rental unit with zero to two bedrooms available for rent;

(b) Two parking spaces for a short-term rental unit with three to four bedrooms available for rent; and

(c) Three parking spaces for a short-term rental unit with five or more bedrooms available to rent.

(10) A short-term rental unit shall not be rented more than once within a seven-day period.

(Ord. 24-22)

123.05 SHORT-TERM RENTAL PERMIT. Revised 11/24

(A) *Permit required.* No short-term rental operator shall operate, rent, offer to rent or advertise any short-term rental unit within the City of Rio Rancho without a valid short-term rental permit issued by the Department of Development Services.

(B) *Display of permit.* The short-term rental operator shall clearly display inside each short-term rental unit a copy of the applicable short-term rental permit issued pursuant to this chapter. The short-term rental operator shall include the permit number issued by the city on all marketing materials for each short-term rental unit they operate, including listings on a host platform.

(C) *Natural person required.* The Department of Development Services shall issue short-term rental permits to natural persons only and each natural person may possess a maximum of two permits. If the subject property is owned by a legal or business entity, the permit must be held in the name of a person with legal authority to act on behalf of that entity. The fact that a permit must be issued to a natural person does not mean that the property cannot be titled in such entities as a revocable trust, an LLC, or a corporation.

(D) *Permit limit.* The total number of short-term rental permits issued by the Department of Development Services shall not exceed 1% of the “total housing units” in Rio Rancho as listed in “Comparative Housing Characteristics” table of the most recent U.S. Census Bureau’s American Community Survey as of January 1st of each year.

(E) *Permit not transferrable.* A short-term rental permit is not transferable to another person or property. Upon the transfer of ownership of a short-term rental unit, the permit shall terminate.

(F) *Permit renewals.* Unless revoked pursuant to Section 123.09, an owner may renew a short-term rental permit annually.

(1) An application for renewal of a short-term rental permit shall include the records required by Section 123.06 for the previous one year.

(2) A short-term rental operator must renew a short-term rental permit and the associated business registration by expiration date of the previous short-term rental permit.

(3) If a short-term rental permit is not renewed by the date the previous short-term rental permit expires, the owner may pay a late fee of $50 to extend the time for filing by 30 days.

(4) If a permit is not renewed by its expiration date, including any 30-day extension, then the permit will revert to the Department of Development Services and will become available to the next eligible applicant.

(Ord. 24-22)

123.06 APPLICATION FOR A SHORT-TERM RENTAL PERMIT. Revised 11/24

Applicants for a short-term rental permit under this chapter must file with the Department of Development Services a sworn application in writing or electronically as prescribed by the Uniform Electronic Transactions Act, Section 14-16-1, NMSA 1978, on a form to be furnished by Department of Development Services, which shall include, but is not limited to, the following information:

(A) The name and phone number of the local short-term rental operator to be available to respond to the property within one hour, 24 hours per day while the property is rented.

(B) Address of short-term rental unit.

(C) Business registration number.

(D) Proof of short-term rental insurance.

(E) Site plan to include:

(1) Dwelling floor plan showing number of bedrooms.

(2) Designation of which rooms will be used as short-term rentals.

(3) Location and size of bedroom windows.

(4) Clear opening per emergency escape.

(5) Location and size of means of egress doors.

(6) Bathroom locations.

(7) Pools or spas including covers and fencing.

(8) Parking spaces as detailed in Section 123.04(B)(9).

(F) Completed inspection.

(Ord. 24-22)

123.07 INSPECTIONS. Revised 11/24

(A) The Department of Development Services Director or their representative has the authority to enter all buildings and premises for the purpose of inspection as necessary to perform assigned duties.

(B) To obtain a short-term rental permit, a dwelling unit must be inspected and meet the following requirements:

(1) Fire evacuation plan with emergency contact information and address conspicuously posted.

(2) Carbon monoxide detection.

(3) Smoke alarms in all bedrooms.

(4) Fire extinguishers on each floor.

(5) No storage of combustible materials in mechanical, boiler, or electrical rooms.

(6) Fireplace or wood stove with non-combustible ash receptacle outside the dwelling unit.

(7) Fences and covers on all pools and spas.

(8) Address numerals at least four inches tall, with one-half-inch stroke width, in contrasting color, visible from the street.

(9) Available parking spots as detailed in Section 123.04(B)(9).

(C) Short-term rental units that fail to meet the requirements set forth in subsection (B) of this section may schedule a reinspection after any noted issues are addressed and the requirements are met. Failure to pass the short-term rental inspection after two reinspections will result in denial of the application.

(D) Failure to schedule an inspection within 30 days of the submission of a completed application may result in denial of the application and will require reapplication.

(Ord. 24-22)

123.08 FEES. Revised 11/24

The following fees shall be used to administer, manage, and enforce this chapter:

(A) *Application fee.* An application for a new short-term rental permit shall be accompanied by a one-time nonrefundable application, processing, and inspection fee of $100.

(1) The application fee shall be due upon submission of the application for a short-term rental permit.

(2) The application fee includes an initial inspection only. A reinspection fee of $50 will be required anytime a reinspection is scheduled.

(3) Where a short-term rental operator is seeking to renew a short-term rental permit, a late fee of $50 is required to extend the time for filing by 30 days.

(B) *Permit fee.* A short-term rental unit is subject to an annual permit fee of $300.

(Ord. 24-22)

123.09 ADMINISTRATIVE ENFORCEMENT AND FINES. Revised 11/24

(A) Except as otherwise provided in this chapter, the Director of the Department of Development Services, or their designee shall enforce this chapter, including the inspection of premises, the issuance of notice of violations and the revocation of short-term rental permits.

(B) The Department of Development Services may revoke any short-term rental permit or fine any short-term rental operator for noncompliance with any requirement contained within these regulations.

(C) Any fine issued by the Department of Development Services for a violation of the short-term rental permit requirements shall not exceed $500 per violation. Each day a violation occurs shall be considered a separate violation.

(D) Failure to pay any fine imposed by the Department of Development Services within 15 days shall result in the automatic revocation of the short-term rental permit.

(Ord. 24-22)

123.10 CRIMINAL VIOLATION AND PENALTY. Revised 11/24

(A) It is unlawful to operate, rent, offer to rent or advertise any short-term rental unit within the City of Rio Rancho without a valid permit issued by the Development Services Department.

(B) It is unlawful to operate any short-term rental unit within the City of Rio Rancho in violation of any of the provisions contained within Section 123.04.

(C) Any person violating subsection (A) or (B) of this section shall be subject to the penalties prescribed in Section 10.99.

(Ord. 24-22)

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[1] Code reviser's note: Per Ord. 24-22, Section 4, this chapter is effective July 1, 2025.

From: Greggory Hull
To: Noel Davis; Matt Geisel; Peter Wells
Subject: FW: THANK YOU 1-23-25 Agenda Item : Re Short-Term Rentals Ordinance & Meeting with Mayor Hull of 11-18-24
Date: Friday, January 17, 2025 9:28:27 AM

Noel,

Please add to the item as public comment.

Thank you

Gregg Hull

-----Original Message-----
From: Melissa Lowry Mosley <mglm0102@gmail.com>
Sent: Friday, January 17, 2025 8:37 AM
To: Greggory Hull <ghull@rrnm.gov>; Kate Nichols <knichols@rrnm.gov>; Bob Tyler <btyler@rrnm.gov>; Deb Dapson <ddapson@rrnm.gov>
Subject: THANK YOU 1-23-25 Agenda Item : Re Short-Term Rentals Ordinance & Meeting with Mayor Hull of 11-18-24

Caution! This message was sent from outside your organization.

Mayor, I received the Notice of meeting for the January 23, 2025 agenda that includes the newest changes for the STR Ordinance.

I wanted to thank you all so much !! These changes reflect all of my concerns, and I am deeply appreciative of your willingness to make STRs safe, equitable, & neighborhood friendly. It is clear your concern & hard work is evident and much-appreciated.

Thank you again so much !!
Melissa

Melissa Lowry Mosley
1250 Snowflake Ct SE
Rio Rancho, NM 87124
505-321-4565

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: O2

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Development Services

SUBJECT:
O2, Ordinance Amending the Rio Rancho Code of Ordinance (R.O. 2003), Title XV Land Usage, Chapter 154 Planning and Zoning, Sections 154.10, 154.13, 154.19, and 154.43

BACKGROUND AND ANALYSIS:
Second reading of an ordinance. Two readings with approval required for adoption.

The City of Rio Rancho requests an amendment to the Rio Rancho Municipal Code, Title XV Land Usage, Chapter 154 Planning and Zoning, Sections 154.10, 154.13, 154.19, and 154.43. The requested amendment removes "Boarding and Lodging Houses" from the R-3: Mixed-Residential and R-6: Multi-Family Residential Districts and adds "Boarding House (Boarding, Lodging House, or Bed and Breakfast)" to the SU: Special Use District.

The Governing Body has adopted regulations and standards for Short-Term Rentals by creating Chapter 123 "Regulations For Short-Term Rentals" on October 10, 2024 under Ordinance No. 22, Enactment No. 24-22. The Governing also adopted Ordinance No. 24, Enactment No. 24-24 on November 14, 2024, which added "Short-Term Rentals" as a permissive use in single-family residential zoning districts. Both adopted Ordinances are included in the attachments.

The Planning and Zoning Board recommends the Governing Body finds that short-term lodging uses in residential zoning districts are now resulted under Chapter 123 and permitted in residential zoning districts in Chapter 154 under the "Short-Term Rental" listed permissive use.

Chapter 154, Section 154.03 Definitions, lists "Boarding, Lodging House or Bed and Breakfast" as a singular use under Boarding House. These listed use types may be confusing as Boarding Houses, Lodging Houses, and Bed and Breakfast are three different types of lodging - both in duration and in services that may be provided. Due to this confusion with the listed use in Code and the potential commercial nature of this overarching use, the Board recommends the Governing Body finds that it is best suited in a SU: Special Use District zoned property.

The Planning and Zoning Board heard this item at their meeting held on January 14, 2025 and recommended approval.

IMPACT:
The Planning and Zoning Board recommends the Governing Body adopt the Ordinance, subject to the findings set forth below:

GENERAL FINDINGS OF FACT:
1. The Planning and Zoning Board may review and make a recommendation to the Governing Body on the request for text amendments to the Rio Rancho Municipal Code.
2. The City has the authority to make an application to request an amendment to the Rio Rancho Municipal Code.
3. The applicant and citizens of Rio Rancho have received due process, as proper notice of hearing was given.

SPECIFIC FINDINGS OF FACT:
1. The proposed Text Amendment meets the requirements of Rio Rancho Code of Ordinances (R.O. 2003) § 150.07 (D) Amendments.
2. The proposed amendment is consistent with the goals of promoting health, safety, morals, and general welfare of the City of Rio Rancho by allowing Boarding House (Boarding, Lodging House, or Bed and Breakfast) as a permissive use in the SU: Special Use District.
3. The proposed amendment eliminates confusion in regards to the use and permissibility of Boarding Houses, Lodging Houses, and Bed and Breakfasts.
4. Short-term lodging is now regulated under Chapter 123 and Short-Term Rentals are now a permissive use in single-family residential zoned properties.

If the Governing body does not adopt the Ordinance, it is based on the following Findings of Fact:
1. The proposed Text Amendment does not meet the requirements of Rio Rancho Code of Ordinances § 150.07 (D) Amendments.
2. The proposed amendment is not consistent with the goals of promoting health, safety, morals and general welfare of the City of Rio Rancho.

ALTERNATIVES:
The Governing Body may:
1. Adopt the Ordinance.
2. Deny the Ordinance.
3. Modify the Ordinance and adopt such modifications.
4. Continue the public hearing to request additional information or to consider testimony provided at the public hearing.

DEPARTMENT RECOMMENDATION:
The Planning and Zoning Board recommends the Governing Body adopt the Ordinance.

ATTACHMENT: Ordinance_O2
ATTACHMENT: O22_Ch 123
ATTACHMENT: O24_Ch 154
ATTACHMENT: Notice

CITY OF RIO RANCHO
ORDINANCE

ORDINANCE NO. **ENACTMENT NO.**

ORDINANCE OF THE CITY OF RIO RANCHO, NEW MEXICO AMENDING THE RIO RANCHO CODE OF ORDINANCES TITLE XV LAND USAGE, CHAPTER 154 PLANNING AND ZONING, SECTIONS 154.10, 154.13, 154.19, AND 154.43 TO REMOVE BOARDING AND LODGING HOUSES FROM THE R-3: MIXED-RESIDENTIAL AND R-6: MULTI-FAMILY RESIDENTIAL DISTRICTS AND ADD TO THE SPECIAL USE DISTRICT, AND PROVIDING FOR SEVERABILITY AND AN EFFECTIVE DATE

WHEREAS: the Governing Body of the City of Rio Rancho has adopted zoning regulations and an official zone map in accordance with New Mexico Statutes Annotated 1978 (NMSA 1978) Chapter 3, Article 21; and

WHEREAS: the Governing Body of the City of Rio Rancho has adopted regulations and standards for Short-Term Rentals by creating Chapter 123, adopted October 10, 2024 under Ordinance No. 22, Enactment No. 24-22; and

WHEREAS: the Governing Body of the City of Rio Rancho has added Short-Term Rentals as a permissive use in Residential Zoning Districts on November 14, 2024 under Ordinance No. 24, Enactment No. 24-24; and

WHEREAS: the Governing Body of the City of Rio Rancho finds that short-term lodging uses in residential zoning districts are now regulated under Chapter 123 “Regulations For Short-Term Rentals” and permitted in residential zoning districts in Chapter 154 under the “Short-Term Rental” listed permissive use; and

WHEREAS: Chapter 154, Section 154.03 Definitions, lists “Boarding, Lodging House, or Bed and Breakfast” as a singular use under Boarding House, and these uses as commercial lodging uses are best permitted as a Special Use; and

WHEREAS: the Governing Body finds the need to amend sections 154.10, 154.13, 154.19, and 154.43 to remove Boarding and Lodging Houses as a permissive use in the R-3: Mixed-Residential and R-6: Multi-Family Residential Districts, and add Boarding House (Boarding, Lodging House, or Bed and Breakfast) to the SU: Special Use District; and

WHEREAS: in accordance with Rio Rancho Code of Ordinances (R.O. 2003) Section 33.15 (C) (2) (f), on January 14, 2025, the City of Rio Rancho Planning and Zoning Board reviewed the proposed amendments in a duly noticed public hearing regarding the proposed changes, and made these recommendations to the Governing Body regarding adoption to the changes; and

WHEREAS: the Governing Body received a recommendation from the Planning and Zoning Board, and such recommendation indicates the Planning and Zoning Board has studied and considered the proposed changes; and

WHEREAS: in accordance with procedures set forth in R.O. 2003 Section 150.07, and NMSA 1978 Section 3-21-6, on the proposed zoning regulation changes hereinafter described were duly advertised and held by the Governing Body of the City of Rio Rancho on January 23, 2025 and the Governing Body heard interested parties and citizens for and against the proposed amendments; and

WHEREAS: the proposed amendments to be adopted by this Ordinance comply with the statutory and regulatory requirements of the aforesaid Code of Ordinances and Statutes, and upon specific findings related to the subject property and determining the proposed amendments is consistent with the policies and criteria set forth in R.O. 2003 Section 150.07 (D) through (G), the Governing Body finds the amendments promote health, safety, morals and general welfare of the City.

NOW THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

Section 1. Chapter 154, Section 154.10 R-3: MIXED RESIDENTIAL DISTRICT is hereby amended as the following:

(A) Purpose. This district permits a moderate density of population in which the principal use is single-family attached or detached townhome or patio home dwelling units or for small-scale multi-family units.

(B) Permissive uses.

(1) One single-family dwelling unit per lot; provided such dwelling unit meets the design standards of Article III, Section 154.60;

(2) Single-family attached or detached dwelling units; provided such dwelling unit(s) meets the design standards of Article III, Section 154.60;

~~(3) Boarding and lodging houses;~~

~~(4)~~ (3) Townhome, patio home, or similar development provided all city regulations are met;

~~(5)~~ (4) Accessory buildings or structures, as defined in Article III, Section 154.70(A);

~~(6)~~ (5) Accessory living space as defined in Article I, Section 154.03 and Article III, Section 154.70(A);

~~(7)~~ (6) Noncommercial gardens, swimming pools, tennis courts, and greenhouses;

~~(8)~~ (7) Parks, open spaces, recreational parks, and public facilities;

~~(9)~~ (8) Home occupations;

~~(10)~~ (9) Construction trailers, as defined in Article III, Section 154.75(C);

~~(11)~~ (10) Temporary (emergency, construction, or repair) residences, as defined in Article III, Section 154.75(C);

~~(12)~~ (11) Family child care facility with a capacity of six or less;

~~(13)~~ (12) Second kitchen. A second kitchen is permitted and may be located within the primary residence or accessory dwelling unit, but not both;

~~(14)~~ (13) Model home or sales office, as defined in Article III, Section 154.75(A);

~~(15)~~ (14) Community residential care facility up to 10 persons, including any staff residents providing all city regulations are met as set forth in Chapter 120;

~~(16)~~ (15) Public utilities; including electric facilities including, but not limited to, substations, switching stations and generation;

~~(17)~~ (16) Churches and other places of worship, Sunday school buildings, and parish houses;

~~(18)~~ (17) Amateur radio antenna;

~~(19)~~ (18) Accessory dwelling unit; as defined in Article I, Section 154.03 and Article III, Section 154.70(A).

(C) Conditional uses (requiring use permit).

(1) Hospital and private institutions of an educational nature;

(2) Family child care facility with a capacity of seven or more;

(3) Community residential care facility up to 18 persons, including any staff residents, providing all city regulations are met;

(4) Senior transitional care facilities, senior living facility, and/or other similar facilities up to 35 dwelling units per acre and up to 50 feet in height;

(5) Hobby breeders or animal foster care providers as regulated by Chapters 90 and 116; provided the lot has an area appropriate to the type and size of the animals being bred;

(6) Multi-family dwellings, provided there are not more than 26 units per acre, with the site plan reviewed and approved by the Governing Body.

Section 2. Chapter 154, Section 154.13 R-6: MULTI-FAMILY RESIDENTIAL DISTRICT is hereby amended as the following:

(A) Purpose. This district permits a high density of population in which the principal use is multi-family dwelling units.

(B) Permissive uses.

(1) One single-family dwelling unit per lot; provided such dwelling unit meets the design standards of Article III, Section 154.60;

(2) Single-family attached or detached dwelling units; provided such dwelling units meet the design standards of Article III, Section 154.60;

(3) Multiple-family dwelling units for sale or rent that are attached are allowed up to a density of 50 dwelling units/acre;

(4) Senior transitional care or living facilities allowed up to a density of 50 dwelling units/acre;

~~(5) Boarding and lodging houses;~~

~~(6)~~ (5) Townhome, patio home, or similar development provided all city regulations are met;

~~(7)~~ (6) Accessory buildings or structures, as defined in Article III, Section 154.70(A);

~~(8)~~ (7) Accessory living space; as defined in Article I, Section 154.03 and Article III, Section 154.70(A);

~~(9)~~ (8) Noncommercial gardens, swimming pools, tennis courts, and greenhouses;

~~(10)~~ (9) Parks, open spaces, recreational parks, and public facilities;

~~(11)~~ (10) Home occupations;

~~(12)~~ (11) Construction trailers, as defined in Article III, Section 154.75(C);

~~(13)~~ (12) Temporary (emergency, construction, and repair) residences, as defined in Article III, Section 154.75(C);

~~(14)~~ (13) Family child care facility with a capacity of six or less;

~~(15)~~ (14) Second kitchen;

~~(16)~~ (15) Model home or sales office, as defined in Article III, Section 154.75(A);

~~(17)~~ (16) Community residential care facility up to 10 persons, including any staff residents, providing all city regulations are met as set forth in Chapter 120;

~~(18)~~ (17) Churches and other places of worship, Sunday school buildings, and parish houses;

~~(19)~~ (18) Amateur radio antenna;

~~(20)~~ (19) Public utilities, electric facilities including, but not limited to, substations, switching stations and generation;

~~(21)~~ (20) Accessory dwelling unit; as defined in Article I, Section 154.03 and Article III, Section 154.70(A).

(C) Conditional uses (requiring use permit).

(1) Hospitals and private institutions of an educational nature;

(2) Family child care facility with a capacity of seven or more;

(3) Hobby breeders or animal foster care providers as regulated by Chapters 90 and 116;

(4) Community residential care facility up to 18 persons, including any staff residents, providing all city regulations are met.

Section 3. Chapter 154, Section 154.19 RESIDENTIAL LAND USE TABLE is hereby amended as the following:
There may be uses not listed in the table that can be permitted under the SU District. There may be additional conditions not listed in the table. Please refer to the specific zoning district for details relating to the land uses listed below.

LAND USES	**E-1**	**R-1**	**R-2**	**R-3**	**R-4**	**R-5**	**R-6**	**M-H**
Accessory dwelling unit	P	P	P	P	P	P	P	
Accessory structure	P	P	P	P	P	P	P	P
Accessory living space	P	P	P	P	P	P	P	
Amateur radio antenna	P	P	P	P	P	P	P	
~~Boarding and lodging house~~				~~P~~			~~P~~	
Churches, other places of worship, Sunday school and parish house	P	P	P	P	P	P	P	P
Commercial horse boarding	CU							
Community residential care facilities, 10 or less	P	P	P	P	P	P	P	
Community residential care facilities, up to 18				CU			CU	
Construction trailers	P	P	P	P	P	P	P	
Family child care facility, with a capacity of 6 of less	P	P	P	P	P	P	P	
Family child care facility, with a capacity of 7 or more	CU	CU	CU	CU	CU	CU	CU	CU
Hobby breeders or animal foster care providers	P	CU	CU	CU	CU	CU	CU	CU
Home occupations	P	P	P	P	P	P	P	

LAND USES	E-1	R-1	R-2	R-3	R-4	R-5	R-6	M-H
Hospitals and private institutions of an educational nature		CU	CU	CU	CU	CU	CU	CU
Mobile home								P
Model home or sales office	P	P	P	P	P	P	P	
Multi-family dwelling unit				CU			P	
Noncommercial gardens, swimming pools, tennis courts	P	P	P	P	P	P	P	P
Parks, open spaces, recreational parks, and public facilities (civic)	P	P	P	P	P	P	P	P
Public utilities, including electric facilities	P	P	P	P	P	P	P	
Second kitchen	P	P	P	P	P	P	P	
Senior transitional care facilities, senior living facility				CU				
Single-family dwelling unit	P	P	P	P	P	P	P	
Temporary, emergency, construction, and repair residences	P	P	P	P	P	P	P	
Transfer of horse stable rights	CU							

Section 4. Chapter 154, Section 154.43 SU: SPECIAL USE DISTRICT is hereby amended as the following:

(A) Purpose. This zoning district is suitable for property which is special because of its potential effect on surrounding property, or for other reasons in which the appropriateness is partially or entirely dependent on the character of the site.

(1) A special use zoning designation is also appropriately used to:

(a) To restrict uses otherwise permitted in an underlying zoning district;

(b) To allow a combination of uses not otherwise permitted in an underlying district;

(c) To establish a singular land use;

(d) To establish requirements or conditions that are unique to the property;

(e) To establish requirements for height, setbacks, width, parking, landscaping, signage or other provisions that are unique to the property.

(2) An application for a change to SU zoning must state the proposed land use(s).

(3) All SU zoned property must have a site plan approved by the Governing Body. The site plan may accompany the application for a change in zoning designation or may be

submitted for approval at a later date. Approval of the site plan must be obtained prior to any development of the property. The site plan at a minimum shall contain the following information:

(a) Scale and north arrow;

(b) Lot boundaries and easements;

(c) Existing and proposed utilities;

(d) Existing and proposed rights-of-way;

(e) Proposed structures with uses, dimensions, and setbacks;

(f) Proposed ingress, egress, parking and circulation;

(g) Landscaping and landscape buffers;

(h) Elevations;

(i) Adjacent property characteristics;

(j) Preliminary drainage plan.

(4) The Director of Development Services may approve minor changes to an approved site plan if the change is consistent with the use and other written requirements and/or conditions of approval, if the buildings are of the same general configuration, if the total square footage is not greater than 10% than the approved plan, the site circulation is similar in its effect on adjacent property or streets, and the approving official finds that neither the city nor any person will be substantially aggrieved by the altered site plan.

(B) Special uses include but are not limited to the following:

(1) Airport;

(2) Amusement park of a permanent character;

(3) Cemetery, including columbarium, mausoleum, or crematory;

(4) Resorts, spas;

(5) Racetrack;

(6) Stadium;

(7) Indoor shooting range;

(8) Manufactured home/mobile home park;

(9) Recreational vehicle/travel trailer park or campground;

(10) Concrete batching plant;

(11) Outdoor theater;

(12) Community residential care facility provided all city regulations are met in addition to any conditions set forth via the SU/special use zoning hearing process;

(13) Landfill;

(14) Mining;

(15) Planned residential developments.

(a) Permitted uses include single-family homes, townhouses, and apartments, and associated accessory structures as regulated by an underlying zoning district or an approved site plan. Permissive commercial uses may be allowed, up to 25% of the gross floor area of the development.

(b) A site plan for a P.R.D. shall include information as to the maximum number of dwelling units and/or density; maximum and minimum lot sizes; maximum building height; minimum building setbacks; architectural design standards including but not limited to exterior wall materials and colors, roof materials and colors; preliminary grading and drainage plan; landscape design standards, parking, site lighting; design of walls and fences visible from public rights-of-way; and pedestrian amenities;

(16) Public utilities, electric facilities including, but not limited to, substations, switching stations and generation;

(17) Boarding House (Boarding, Lodging House, or Bed and Breakfast);

~~(17)~~ (18) Any use or combination of uses not otherwise permitted under a specific zoning district.

Section 5. Severability Clause. If any section, paragraph, clause, or provision of this Ordinance, or any section, paragraph, clause, or provision of any regulation promulgated hereunder shall for any reason be held to be invalid, unlawful, or enforceable, the invalidity, illegality, or unenforceability of such section, paragraph, clause, or provision shall not affect the validity of the remaining portions of this Ordinance or the regulation so challenged.

Section 6. Compiling Clause. This Ordinance shall be incorporated in and compiled as part of the Revised Ordinances of the City of Rio Rancho, (R.O. 2003).

Section 7. Effective Date. This Ordinance has an immediate effective date of July 1, 2025.

ADOPTED THIS _____ DAY OF _____, 2025.

Greggory D. Hull, Mayor

ATTEST:

Noel C. Davis, City Clerk
(SEAL)

CITY OF RIO RANCHO
ORDINANCE

ORDINANCE NO. 22 **ENACTMENT NO. 24-22**

ORDINANCE AMENDING THE MUNICIPAL CODE OF THE CITY OF RIO RANCHO; ADDING A CHAPTER ESTABLISHING REGULATIONS FOR SHORT-TERM RENTALS

WHEREAS: the proliferation of private dwelling units in residentially zoned districts being offered for rent for short periods ("short-term rentals) presents unique challenges to the public health, safety and well-being of City residents; and

WHEREAS: the City of Rio Rancho (the "City") has the ability and desire to enact regulations to protect the public health, safety and well-being of its residents; and

WHEREAS: the regulations adopted by this Ordinance ensure that the operation of short-term rental units does not disrupt the character of the City's residential neighborhoods, increase public safety risks and public nuisances associated with short-term rental units, or permit speculators to purchasing multiple homes for the purpose of operating multiple short-term rental units, thereby reducing the availability of long-term housing; and

WHEREAS: private property owners have the opportunity to generate supplemental income by utilizing their homes and accessory dwelling units as short-term rental units; and

WHEREAS: short-term rentals increase the available lodging in the City that can be utilized by tourists and contract employees; and

WHEREAS: the City is permitted to collect lodger's tax on short-term rental stays pursuant to the Lodger's Tax Act 3-38-13 NMSA 1978; and

WHEREAS: the City desires to provide clarity and uniformity to short-term rental operators and renters.

NOW THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

Section 1. Title XI, Business Regulations, is hereby amended by adding Chapter 123, Regulations for Short-Term Rentals, to read as follows:

123.01 Title.
This chapter shall be known as "Regulations for Short-term Rentals in the City of Rio Rancho" and is referred to elsewhere herein as "these regulations." The City of Rio Rancho shall hereafter be referred to as "the city."

123.02 Purpose.

These regulations establish standards and procedures for the issuance of a permit to operate Short-term Rental Units within the city.

123.03 Definitions

For the purpose of these regulations, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

NATURAL PERSON. An individual human being, distinguished from the broader category of "person" used elsewhere in this Title that additionally includes estate, trust, receiver, cooperative association, club, corporation, company, firm, partnership, joint venture, syndicate or other entity engaging in a business, profession, occupation, trade, pursuit or commercial activity.

SHORT-TERM RENTAL OPERATOR. The owner or party otherwise responsible for a Short-term Rental Unit.

SHORT-TERM RENTAL UNIT. All or portion of a "dwelling unit," as defined in Section 154.03, providing accommodation which is offered for rent to a number of guests for a period of less than thirty (30) days.

123.04 General Provisions

(A) Short-term rentals will be permitted in single-family residential zoning districts E-1, R-1, R-2, R-3, R-4, and R-5 as described in Chapter 154.

(B) Unless otherwise stated, the following general provisions apply to all Short-term Rental Units:

(1) The Short-term Rental Operator shall maintain a valid business registration, as described in Chapter 110, for the purpose of operating a Short-term Rental Unit within the city.

(2) The Short-term Rental Operator shall pay all applicable local, state, and federal taxes, including lodgers' tax, gross receipts tax, and income tax associated with the operation of each Short-term Rental Unit.

(3) A Short-term Rental Unit shall meet all building, fire, and safety codes for the applicable zoning of the property.

(4) The Short-term Rental Operator shall maintain short term rental insurance coverage for each Short-term Rental Unit in the minimum amount of $250,000 per Short-term Rental Unit.

(5) A Short-term Rental Unit shall have a local Short-term Rental Operator that is available twenty-four (24) hours per day, seven (7) days per week, to respond to complaints regarding the operation or occupancy of the Short-term Rental Unit. The Short-term Rental Operator must be accessible by telephone and able to be

physically present at the Short-term Rental Unit within one (1) hour of being contacted.

(6) The Short-term Rental Operator shall notify all guests in writing of relevant city ordinances. All guests shall comply with all relevant city ordinances.

(7) The maximum overnight occupancy of a Short-term Rental Unit is limited to two people per bedroom plus an additional two people per unit. For the purposes of calculating occupancy, children under the age of two are excluded.

(8) Gatherings of persons in excess of the maximum overnight occupancy prescribed above, shall not exceed two times the maximum overnight occupancy.

(9) The Short-term Rental Operator shall provide off-street parking onsite as follows:

(a) one (1) parking space for a Short-term Rental Unit with zero (0) to two (2) bedrooms available for rent;

(b) two (2) parking spaces for a Short-term Rental Unit with three (3) to four (4) bedrooms available for rent; and

(c) three (3) parking spaces for a Short-term Rental Unit with five (5) or more bedrooms available to rent.

(10) A Short-term Rental Unit shall not be rented more than once within a seven (7)-day period.

123.05 Short-term Rental Permit

(A) *Permit Required.* No Short-term Rental Operator shall operate, rent, offer to rent or advertise any Short-term Rental Unit within the City of Rio Rancho without a valid short-term rental permit issued by the Department of Development Services.

(B) *Display of Permit*. The Short-term Rental Operator shall clearly display inside each Short-term Rental Unit a copy of the applicable short-term rental permit issued pursuant to this chapter. The Short-term Rental Operator shall include the permit number issued by the city on all marketing materials for each Short-term Rental Unit they operate, including listings on a host platform.

(C) *Natural Person Required.* The Department of Development Services shall issue short-term rental permits to natural persons only and each natural person may possess a maximum of two (2) permits. If the subject property is owned by a legal or business entity, the permit must be held in the name of a person with legal authority to act on behalf of that entity. The fact that a permit must be issued to a natural person does not mean that the property cannot be titled in such entities as a revocable trust, an LLC, or a corporation.

(D) *Permit Limit.* The total number of short-term rental permits issued by the Department of Development Services shall not exceed one percent (1%) of the "total housing units" in Rio Rancho as listed in "Comparative Housing Characteristics" table of the most recent U.S. Census Bureau's American Community Survey as January 1st of each year.

(E) *Permit Not Transferrable.* A short-term rental permit is not transferable to another person or property. Upon the transfer of ownership of a Short-term Rental Unit, the permit shall terminate.

(F) *Permit Renewals:* Unless revoked pursuant to Section 123.09, an owner may renew a short-term rental permit annually.

(1) An application for renewal of a short-term rental permit shall include the records required by Section 123.06 for the previous one (1) year.

(2) A Short-term Rental Operator must renew a short-term rental permit and the associated business registration by expiration date of the pervious short-term rental permit.

(3) If a short-term rental permit is not renewed by the date the previous short-term rental permit expires, the owner may pay a late fee of fifty dollars ($50.00) to extend the time for filing by thirty (30) days.

(4) If a permit is not renewed by its expiration date, including any thirty (30) day extension, then the permit will revert to the Department of Development Services and will become available to the next eligible applicant.

123.06 Application for a Short-term Rental Permit

Applicants for a short-term rental permit under this chapter must file with the Department of Development Services, a sworn application in writing or electronically as prescribed by the Uniform Electronic Transactions Act, Section 14-16-1, NMSA 1978, on a form to be furnished by Department of Development Services, which shall include, but is not limited to, the following information:

(A) The name and phone number of the local Short-term Rental Operator to be available to respond to the property within one (1) hour, twenty-four (24) hours per day while the property is rented.

(B) Address of Short-Term Rental Unit.

(C) Business registration number.

(D) Proof of short-term rental insurance.

(E) Site plan to include:

(1) Dwelling floor plan showing number of bedrooms.

(2) Designation of which rooms will be used as short-term rentals.

(3) Location and size of bedroom windows.

(4) Clear opening per emergency escape.

(5) Location and size of means of egress doors.

(6) Bathroom locations.

(7) Pools or Spas including covers and fencing.

(8) Parking spaces as detailed in Section 123.04(B)(9).

(F) Completed inspection.

123.07 Inspections

(A) The Department of Development Services Director or their representative has the authority to enter all buildings and premises for the purpose of inspection as necessary to perform assigned duties.

(B) To obtain a short-term rental permit, a dwelling unit must be inspected and meet the following requirements:

(1) Fire evacuation plan with emergency contact information and address conspicuously posted.

(2) Carbon monoxide detection.

(3) Smoke alarms in all bedrooms.

(4) Fire extinguishers on each floor.

(5) No storage of combustible materials in mechanical, boiler, or electrical rooms.

(6) Fireplace or wood stove with non-combustible ash receptacle outside the dwelling unit.

(7) Fences and covers on all pools and spas.

(8) Address numerals at least four (4) inches tall, with one-half inch stroke width, in contrasting color, visible from the street.

(9) Available parking spots as detailed in Section 123.04(B)(9).

(C) Short-term Rental Units that fail to meet the requirements set forth in Section 123.07(B) may schedule a re-inspection after any noted issues are addressed and the requirements are met. Failure to pass the short-term rental inspection after two re-inspections will result in denial of the application.

(D) Failure to schedule an inspection within thirty (30) days of the submission of a completed application may result in denial of the application and will require re-application.

123.08 Fees

The following fees shall be used to administer, manage, and enforce this chapter:

(A) *Application Fee.* An application for a new short-term rental permit shall be accompanied by a one-time non-refundable application, processing, and inspection fee of one hundred dollars ($100.00).

(1) The Application Fee shall be due upon submission of the application for a short-term rental permit.

(2) The Application Fee includes an initial inspection only. A re-inspection fee of fifty dollars ($50.00) will be required anytime a re-inspection is scheduled.

(3) Where a Short-term Rental Operator is seeking to renew a short-term rental permit, a late fee of fifty dollars ($50.00) is required to extend the time for filing by thirty (30) days.

(B) *Permit Fee.* A Short-term Rental Unit is subject to an annual permit fee of three hundred dollars ($300.00).

123.09 Administrative Enforcement and Fines

(A) Except as otherwise provided in this chapter, the Director of the Department of Development Services, or their designee shall enforce this chapter, including the inspection of premises, the issuance of notice of violations and the revocation of short-term rental permits.

(B) The Department of Development Services may revoke any short-term rental permit or fine any Short-Term Rental Operator for non-compliance with any requirement contained within these regulations.

(C) Any fine issued by the Department of Development Services for a violation of the short-term rental permit requirements shall not exceed five hundred dollars ($500.00) per violation. Each day a violation occurs shall be considered a separate violation.

(D) Failure to pay any fine imposed by the Department of Development Services within fifteen (15) days shall result in the automatic revocation of the short-term rental permit.

123.10 Criminal Violation and Penalty

(A) It is unlawful to operate, rent, offer to rent or advertise any Short-term Rental Unit within the city of Rio Rancho without a valid permit issued by the Development Services Department.

(B) It is unlawful to operate any Short-term Rental Unit within the City of Rio Rancho in violation of any of the provisions contained within Section 123.04.

(C) Any person violating Section A or B of this subsection shall be subject to the penalties prescribed in Section 10.99.

Section 2. Severability Clause. If any section, paragraph, clause, or provision of this Ordinance, or any section, paragraph, clause, or provision of any regulation promulgated hereunder shall for any reason be held to be invalid, unlawful, or enforceable, the invalidity, illegality, or unenforceability of such section, paragraph, clause, or provision shall not affect the validity of the remaining portions of this Ordinance or the regulation so challenged.

Section 3. Compiling Clause. This Ordinance shall be incorporated in and compiled as part of the Revised Ordinances of the City of Rio Rancho, (R.O. 2003).

Section 4. Effective Date. This Ordinance shall become effective July 1, 2025.

ADOPTED THIS 10th DAY OF OCTOBER, 2024

Greggory D. Hull, Mayor

ATTEST:

Noel C. Davis, City Clerk
(SEAL)

CITY OF RIO RANCHO
ORDINANCE

ORDINANCE NO. 24 **ENACTMENT NO. 24-24**

ORDINANCE OF THE CITY OF RIO RANCHO, NEW MEXICO AMENDING THE RIO RANCHO CODE OF ORDINANCES TITLE XV LAND USAGE, CHAPTER 154 PLANNING AND ZONING, SECTIONS 154.05, 154.08, 154.09, 154.10, 154.11, 154.12, 154.19, TO ADD SHORT-TERM RENTALS AND PROVIDING FOR SEVERABILITY AND AN EFFECTIVE DATE

WHEREAS: the Governing Body of the City of Rio Rancho has adopted zoning regulations and an official zone map in accordance with New Mexico Statutes Annotated 1978 (NMSA 1978) Chapter 3, Article 21; and

WHEREAS: the Governing Body of the City of Rio Rancho has adopted regulations and standards for Short-Term Rentals by creating Chapter 123, adopted October 10, 2024 under Ordinance No. 22, Enactment No. 24-22; and

WHEREAS: the Governing Body finds the need to amend sections 154.05, 154.08, 154.09, 154.10, 154.11, 154.12; 154.19 to add Short-Term Rentals as a permissive use; and

WHEREAS: in accordance with Rio Rancho Code of Ordinances (R.O. 2003) Section 33.15 (C) (2) (f), on October 8, 2024, the City of Rio Rancho Planning and Zoning Board reviewed the proposed amendments in a duly noticed public hearing regarding the proposed changes, and made these recommendations to the Governing Body regarding adoption to the changes; and

WHEREAS: the Governing Body received a recommendation from the Planning and Zoning Board, and such recommendation indicates the Planning and Zoning Board has studied and considered the proposed changes; and

WHEREAS: a first reading occurred, in accordance with procedures set forth in R.O. 2003 Section 150.07, and NMSA 1978 Section 3-21-6, on the proposed zoning regulation changes hereinafter described were duly advertised and held by the Governing Body of the City of Rio Rancho on October 24, 2024 and the Governing Body heard interested parties and citizens for and against the proposed amendments; and

WHEREAS: the proposed amendments to be adopted by this Ordinance comply with the statutory and regulatory requirements of the aforesaid Code of Ordinances and Statutes, and upon specific findings related to the subject property and determining the proposed amendments is consistent with the policies and criteria set forth in R.O. 2003 Section 150.07 (D) through (G), the Governing Body finds the amendments promote health, safety, morals and general welfare of the City.

NOW THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

Section 1. Chapter 154, Section 154.05(B)(19) is hereby amended to add the following:

(19) Short Term rental unit; as defined and regulated in Chapter 123

Section 2. Chapter 154, Section 154.08(B)(17) is hereby amended to add the following:

(17) Short Term rental unit; as defined and regulated in Chapter 123

Section 3. Chapter 154, Section 154.09(B)(17) is hereby amended to add the following:

(17) Short Term rental unit; as defined and regulated in Chapter 123

Section 4. Chapter 154, Section 154.10(B)(20) is hereby amended to add the following:

(20) Short Term rental unit; as defined and regulated in Chapter 123

Section 5. Chapter 154, Section 154.11(B)(17) is hereby amended to add the following:

(17) Short Term rental unit; as defined and regulated in Chapter 123

Section 6. Chapter 154, Section 154.12(B)(17) is hereby amended to add the following:

(17) Short Term rental unit; as defined and regulated in Chapter 123

Section 7. Chapter 154, Section 154.19 is hereby amended to add the following below Senior transitional care facilities, senior living facility:

Short-Term Rentals	P	P	P	P	P	P		

Section 8. Severability Clause. If any section, paragraph, clause, or provision of this Ordinance, or any section, paragraph, clause, or provision of any regulation promulgated hereunder shall for any reason be held to be invalid, unlawful, or enforceable, the invalidity, illegality, or unenforceability of such section, paragraph, clause, or provision shall not affect the validity of the remaining portions of this Ordinance or the regulation so challenged.

Section 9. Compiling Clause. This Ordinance shall be incorporated in and compiled

as part of the Revised Ordinances of the City of Rio Rancho, (R.O. 2003).

Section 10. Effective Date. This Ordinance has an immediate effective date of July 1, 2025.

ADOPTED THIS 14th DAY OF NOVEMBER, 2024.

Greggory D. Hull, Mayor

ATTEST:

Noel C. Davis, City Clerk
(SEAL)

CITY OF RIO RANCHO
PUBLIC HEARING NOTICE

The GOVERNING BODY of the CITY of RIO RANCHO will consider the following matters at its regularly scheduled meeting at 6:00 p.m. on Thursday, January 23, 2025:

Conditional Use Permit (Site Plan)Case #24-120-00013
The applicant, Verdot Capital, through their agent, Consensus Planning Inc., requests approval of a Site Plan for an approved Conditional Use Permit for a build to rent community on the lots legally described as U10, Blk 81, Lots 1-20. The lots are zoned R-3: Mixed Residential and total 10.36 acres.

Text Amendment
Case #24-105-00004
The applicant, the City of Rio Rancho, is requesting approval of a Text Amendment to Chapter 154 Planning and Zoning, Sections 154.10, 154.13, 154.19 and 154.43. The requested amendment is to remove "BOARDING HOUSE (BOARDING, LODGING HOUSE, OR BED AND BREAKFAST)" from the list of permissive uses in the R-3: Mixed-Residential and R-6: Multi-Family Residential Zoning districts, and the corresponding Residential Land Use Table; and add the use to the Special Use District 154.43 (B).

The meeting is scheduled in the Overflow Room at City Hall, 3200 Civic Center Cir. NE, Rio Rancho, NM. The public is invited to attend in person or virtually at www.rrnm.gov. Materials related to these items are available for viewing in the Development Services Department at City Hall.

If you would like to comment on any of these applications, you are encouraged to submit a written comment to planning@rrnm.gov. Written comments will be inserted into the public record.
Journal: January 8, 2025

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: O3

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Development Services

SUBJECT:
O3, Ordinance Amending Chapter 96 Use of Public Right-of-Way

BACKGROUND AND ANALYSIS:
First reading of an ordinance. Two readings with approval required for adoption.

There have been new franchise agreements that necessitate the use of public right-of-way by internet providers to put in new fiber line infrastructure in the public utility easements.

While evaluating these new agreements, staff reviewed Municipal Code Chapter 96. As the right-of-way permits are being processed and inspected, it is important to account for the large volume of staff time that is needed to regulate, review, inspect and ensure proper adherence to City standards.

Chapter 96 was last updated in 2020 to include regulations on the occupation of public right-of-way, in 2014 for updates to the overall regulations, and 2010 for updates to the fees. In the 14 years since the last update to fees, there has been an increase in the complexity of the permits being submitted.

New definitions are proposed for updating "Barricading", "Directional Boring", "Ground Penetrating Radar", "Horizontal Directional Drilling (HDD)", "Infrastructure", "Pothole", and "Trenchless Excavation".

Updates are proposed for Section 96.03 Requirements to clarify subsections, encourage the least intrusive method for line spotting, create guidelines for when a waiver will be considered for excavating a newly paved road, and to mandate the use of City conduit in newly constructed roads to abstain from excavating new roads.

A minor addition to Section 96.04 Specific Circumstances to direct applicants back to the previous section for regulations on crossing newly paved roadways.

Section 96.05 Restoration clarifies the overall procedures and outlines when the City may need to perform restoration if work is not completed.

Section 96.07 Violations has been updated to include fines and associated references.

Section 96.08 Fees proposes updates to the fee at an increase of 25%. Staff first looked at the date that the fees where previously adopted, 2010, and how those fees where determined (copied from the City of Albuquerque). Staff then looked at the cost of recovery for the permits, which entails

looking at the average amount of permits and the fees taken in from those permits and the average amount of time staff allocates to the administration of those permits. This includes processing, reviewing, inspecting and handling questions from the public. This cost recovery method would increase the fees about 35%. Refer to "Chapter_96_Fee_Schedule_Analysis_Cost-Recovery_Priority-Based" attachment.

Staff then looked at the rate of inflation since the last fee change and determined that would amount to a 40% increase. After further review and consideration, it was determined that a 25% increase would be proposed as the other two methods were deemed too high. The proposed 25% increase takes the base fee from $50.00 to $62.50 and the barricade fees from $21.00 to $26.25. Refer to "Chapter 96 Proposed Fee Schedule with Alternatives" attachment.

Updates to the fee section also include new fees for trenching, boring, potholing and degradation. These fees are proposed based upon research of other communities seeing large volumes of fiber installations. The trenching and boring fees mirror those from Colorado Springs, CO (attached). Staff also reviewed a report (attached) from the City of Anaheim, CA on trench cut fees. Pothole fees vary widely and it is recommended to use a scale dependent on the age of the road. The previously titled restoration fee will be changed to degradation fee and will be calculated the same with a slight increase that varies upon the age of the road.

Sections 96.10, and 96.11 have been added to provide regulations on relief and appeals. For example, the relief provision would allow applicants to seek a waiver of certain fees (i.e., degradation) for a permit on a roadway that is slated for reconstruction by the City in the proximate future.

The proposed ordinance would have an effective date of July 1, 2025.

IMPACT:

Increased fees for cost recovery purposes, and increased clarity on procedures.

ALTERNATIVES:

Approve the Ordinance.

Do not approve the Ordinance.

Amend and approve the Ordinance.

DEPARTMENT RECOMMENDATION:

Staff recommends approval of the Ordinance as presented.

ATTACHMENT: Ordinance_O3
ATTACHMENT: Chapter 96 Fee Schedule Analysis
ATTACHMENT: ROW Fee Calculator
ATTACHMENT: ROW Comparison
ATTACHMENT: City of Anaheim
ATTACHMENT: Colorado Springs

CITY OF RIO RANCHO
ORDINANCE

ORDINANCE NO. **ENACTMENT NO.**

ORDINANCE AMENDING CHAPTER 96 USE OF PUBLIC RIGHT-OF-WAY TO UPDATE DEFINITIONS, FEES AND PROCEDURES

WHEREAS: Chapter 96 of the City's Code of Revised Ordinances (R.O. 2003) sets forth the City's regulations for streets and utilities installed in the public right-of-way; and

WHEREAS: a recent review of Chapter 96 has revealed the need for additional definitions, procedures, updates to fees, and fines; and,

WHEREAS: the City wishes to update the definitions, procedures, fees and fines; and

WHEREAS: Chapter was last updated 2020 to include requirements for the occupation of public rights-of-way; and

WHEREAS: Right-of-way fees have not been updated since June of 2010 by Ordinance No. 21, Enactment No. 10-21.

NOW THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF RIO RANCHO:

Section 1. Chapter 96 Use of Public Right of Way is hereby amended as follow (strikethroughs to be removed and underlines to be added):

96.01 PURPOSE.

The purpose of this chapter is to preserve the safety of the inhabitants of the city and to preserve, protect and improve the aesthetic quality of the city by regulating the uses of and construction in the public right-of-way.

(Ord. 10-21; Am. Ord. 14-04)

96.02 DEFINITIONS.

For the purpose of this chapter, the following definitions shall apply:

APPLICANT. Person applying for a right-of-way use permit.

ARTERIAL ROADWAY. A high capacity urban road where the primary function is to deliver traffic between urban centers and freeways at the highest level of service possible.

BARRICADE(S). Any MUTCD approved device within the public right-of-way that impedes the traveling public, either vehicular or pedestrian.

BARRICADING. The placement of barricades as required by the MUTCD ~~or~~ to delineate construction activities~~. such as the placement of construction dumpsters/drop boxes, piles of gravel/landscape materials, placement of storage containers, etc.~~

CITY. The City of Rio Rancho, New Mexico.

CITY ENGINEER. The chief administrative engineer of the city or that engineer's designee.

COLLECTOR ROADWAY. A moderate capacity urban road that moves traffic from lower volume residential roads to arterial roads.

DIRECTIONAL BORING ~~DRILLING~~. A minimal impact trenchless method of installing underground utilities such as pipe, conduit, or cables in a relatively shallow arc or radius along a prescribed underground path using a surface-launched drilling rig. ~~Horizontal directional rotary drilling process.~~

EASEMENT. An acquired or granted right of use which one person may have in the land of another.

EMERGENCY REPAIR. The repair, restoration, or replacement of an existing structure or infrastructure made necessary because of a sudden unexpected event which has created a condition which is an immediate and continuing threat to the safety of property or persons, including loss of any public utility service.

EXCAVATION. Any hole, trench, ditch or depression which penetrates through or under paved or unpaved surface resulting from the removal by a person of pavement, dirt, or other material. ~~***EXCAVATION*** shall include removal of concrete, removal of asphalt, and grading or blading.~~

GROUND PENETRATING RADAR (GPR). A nonintrusive method of surveying the subsurface to investigate underground utilities such as concrete, asphalt, metals, pipes, cables or masonry.

HOLE HOG. Horizontal pneumatic nonguided drilling process.

HORIZONTAL DIRECTION DRILLING (HDD). See Directional Boring above.

INFRASTRUCTURE. Physical features within the road right of way or adjoining easement. ~~, including overhead and underground utilities, located within the public right-of-way used primarily for the benefit and enjoyment of the general public.~~

JACKING. Horizontal semi guided tunneling process.

MUTCD. Manual on Uniform Traffic Control Devices, latest edition.

PAVEMENT. Any improved traveling surface for vehicular, bicycle, or pedestrian traffic; including asphalt, portland cement concrete, brick, masonry, or other man-made materials.

PERMIT. The revocable written authorization from the city to use, work in, or otherwise occupy public right-of-way; detailing the specific time, place, and other restrictions for the allowed use.

PERMITTEE. A person with a valid, approved right-of-way use permit who is doing work pursuant to that permit.

PERSON. Any individual, estate, trust, receiver, association, club, corporation, company, firm, utility or other entity.

POTHOLE. A vertical ~~nondestructive~~ excavation for the intent of verifying the location of underground infrastructure.

RIGHT-OF-WAY (ROW). The total area of land deeded, reserved by plat, or otherwise acquired by the city, primarily for the use of the public for the movement of people, goods, and vehicles. For the purpose of this chapter, city drainage or utility easements, and other city-owned easements, such as maintenance and service roads serving channels or arroyos, are also included.

TRENCHLESS EXCAVATION. Utility line installation, replacement, or rehabilitation through the use of directional boring, jacking, horizontal directional drilling, ~~or~~ tunneling or potholing as defined above.

Technical terms not defined herein shall have the meaning given them in the MUTCD.

(Ord. 10-21; Am. Ord. 14-04)

96.03 REQUIREMENTS.

(A) Any person proposing to work in the right-of-way shall obtain a right-of-way use permit from the city.

(1) For the purposes of this chapter work in the right-of-way shall include excavation, trenchless excavation, construction or any activity which might reasonably require barricading. Additionally, activities adjacent to the right-of-way which could reasonably be expected to encroach into the right-of-way, such as the storage of spoils from an excavation or parking of vehicles, or to otherwise affect the flow of traffic by causing visual distraction, such as unusual or large equipment or large groups of people, are also included.

(2) Each person must obtain their own permit and have their own insurance and bonding. A subcontractor may not work under the general contractor's permit.

(3) Work included within a city approved subdivision, prior to the City's acceptance of ~~public access being granted to~~ the subdivision, does not require a right-of-way use permit.

(B) The permit application form and submittal requirements shall be in such form as prescribed by the Public Works Department for publicly funded capital projects, and by the Development Service Department for other work.

(C) All work shall conform to federal, state and city ordinances, codes, design criteria and standards. In the case of conflicting requirements, the most stringent shall apply.

(D) The permittee shall be responsible for the protection of the public as follows:

(1) Appropriate traffic control, per the MUTCD and approved by the City~~,~~ shall be utilized during the duration of the permit.

(a) Traffic control plans shall be included with all permit submittals.

(b) Traffic control plans shall be professionally produced utilizing appropriate computer software. Generic plans or hand drawn plans are not acceptable.

(c) Traffic control plans shall be designed and drawn, using MUTCD standards, by a person certified in Traffic Control. ~~trained/certified person.~~ Said person shall have a bona fide business presence in the greater Albuquerque/Rio Rancho metropolitan area, except as may otherwise be required by federal law (for projects funded by federal grants), and shall be certified by a training agency normally engaged in the business of traffic control training.

(d) The city may require that revisions be made to proposed routes in order to cause as little inconvenience to the traveling public as possible.

(2) Excavations shall not be left open at the end of a shift unless continuous shifts are planned.

(a) Backfill, steel plate, security fencing and other safety options may be considered on a case-by-case basis by the city.

(b) Barricades, warning tape and plastic fence are not acceptable alternatives.

(3) Barricades shall be placed per the approved traffic control plan, by a certified traffic control technician.

(a) Barricades shall not be placed on sidewalks, pedestrian or bike paths, or dedicated bike lanes unless said pathways are permitted to be closed.

(b) Barricades, including supports, shall be moved outside the clear zone when not in use.

(c) Inspection, preparation of shop drawings and record drawings, and reporting procedures shall be in accordance with the Department of Public Works procedures, the MUTCD and New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction, current edition.

(d) The city will inspect barricading for compliance with approved traffic control plans and notify the permittee of discrepancies that must be corrected. ~~as it deems necessary.~~

(E) All flaggers shall be trained and certified by a training agency normally engaged in the business of flagger training. Flaggers must show certification cards on request. Approved safety wear is required.

(F) The permittee shall be responsible for the utility location service, ~~surface (asphalt, concrete, other) cut,~~ excavation (asphalt, concrete, other), backfill, compaction, surface replacement, testing, any necessary remedial work, and materials incorporated in the work.

(G) To the extent any utility line spotting is required, ROW permit holders shall use the least intrusive method authorized by the City Engineer in compliance with State regulations.

~~(G)~~(H) The applicant shall provide a $10,000 bond and proof of insurance prior to approval of a right-of-way use permit. The purpose of this bond shall be to assure successful completion of the work required for the installation of the facility, should the applicant fail to comply with the

plans and specifications of the permit. The city may also use this bond to correct any damage to existing infrastructure that is caused by the applicant.

(1) The bond may be written for a single event, a specific duration or it may be evergreen.

(2) The city reserves the right to request additional bonding should it be determined that the amount of the work or risk exceeds the capacity of the bond.

(3) The bond shall be returned to the permittee upon successful completion of the work, as determined by the city.

(4) This requirement is not in addition to the bonding/insurance requirements for a city capital improvement project.

(~~H~~)(I) Work hours shall be 9:00 a.m. to 3:00 p.m. on arterial classified roads and 7:00 a.m. to 5:00 p.m. on residential or collector classified roads, inclusive of setup and teardown of traffic control devices.

(1) The city may authorize alternative work hours, if the scope of the work is such that the right-of-way cannot be reopened safely.

(2) The applicant shall request the city's determination on alternative work hours with the initial submission of the permit.

(3) The city may require alternate hours, including nights or weekends, for operations that unduly disrupt traffic flows or represent potential safety hazards.

~~(I)~~ (J)~~As city practice, r~~Roads less than five years old shall not be ~~cut,~~ excavated or disturbed, including but not limited to any type of trenchless excavation, except for the repair of leaking wet utilities buried under the areas of the roadway or right-of-way where repair work is required. A list of roads which cannot be ~~cut~~ excavated or disturbed may be obtained from the City Engineer. ~~The City Manager may provide a variance to this practice.~~

(1) The City Manager may grant an exemption to this prohibition upon a recommendation of the City Engineer.

(2) Any excavations or disturbances to roads less than five (5) years old shall only occur at limited intervals and must be based upon a finding of good cause shown.

(K) Any person doing work in the right-of-way involving the installation of infrastructure less than five (5) years old shall use previously installed City conduit where available. The City is under no obligation to install conduit at any specific time or location nor is the City required to install conduit pursuant to any specific development.

~~(J)~~ (L)The permittee shall maintain the work site in a clean and orderly manner. All debris, rubbish and excess material shall be removed from the right-of-way at the completion of each workday.

~~(K)~~ (M) The permittee shall notify the city immediately upon completion of the work.

~~(L)~~ (N) The city will provide any necessary inspections, during normal business hours, at no cost to the permittee. Should the permittee request inspections outside normal business hours, or

should the city determine that such inspections are necessary to ensure public safety, the permittee will be responsible for paying the inspection cost, including overtime costs.

~~(M)~~ (O) Except as otherwise expressly provided herein, all costs of complying with this chapter shall be borne by the applicant/permittee.

(Ord. 10-21; Am. Ord. 14-04)

96.04 SPECIFIC CIRCUMSTANCES.

Without limiting the generality of the foregoing, the following special circumstances require right-of-way use permits. The absence of mention in this section does not exempt an activity from the requirement to obtain a right-of-way use permit.

(A) *Right-of-way crossing.*

(1) Crossings shall not unreasonably interfere with or unduly impair the proper and safe use of the right-of-way or adjacent properties.

(2) If a crossing is being proposed in conjunction with the construction of a new building or the remodel or renovation of an existing building, approval for the crossing shall be obtained prior to the city's issuance of the building permit. The right-of-way permit must be obtained prior to starting construction of the crossing.

(B) *Curb cuts.* If the proposed crossing includes a curb cut, the following shall apply:

(1) *Residential areas.*

(a) The minimum width of curb cuts shall be 12 feet and the maximum width shall be 36 feet.

(b) A minimum of 22 feet of standing curb must remain between any two curb cuts on the same lot or single parcel of land or if more than one lot or parcel of land is being put to a single land use, then the requirement shall apply to the land use.

(c) No double or circle drives shall be installed or maintained unless the property shall have a minimum of 60 feet frontage on the street affected thereby.

(d) No curb cuts shall be closer than two and one-half feet from side property lines.

(e) Corner property curb cuts shall be no closer to the intersecting street than either:

(i) Twenty-five feet from the curb face of the intersecting street or extension thereof; or

(ii) Ten feet from the property line of the intersecting street.

(f) No dual frontage access (access to more than one street from a residential lot) shall be allowed.

(g) No curb cuts shall be allowed as a secondary access from arterial roadways and will need approval by the city for collector roadways.

(2) In all light traffic commercial areas, which shall include all office building or other commercial buildings not more than two stories in height, the gutter line width of curb cuts shall be a minimum of 12 feet and a maximum of 36 feet not including radii. All other requirements shall be the same as in residential areas.

(3) In all heavy traffic commercial areas which include, but are not limited to, all drive-in type establishments, the gutter line width of curb cuts shall be a minimum of 20 feet and a maximum of 40 feet in width, not including radii, as justified after a complete study of traffic volume, pedestrian volume, one-way streets, and type of business making request. All other requirements shall be the same as in residential areas.

(4) When conformance to the standards as set forth in this subsection would cause harm to the community or exceptional and undue hardship to any person, the city may vary design standards to the extent that substantial justice may be done. However, the relief may not be granted if it is detrimental to the public good or impairs the intent and purpose of this chapter or the desirable general development of the community. Any modification thus granted shall be entered in the records of the Development Services Department setting forth the reasons which justified the modification.

(C) *Emergency repair work.* If the applicant calls New Mexico One-Call between 8:00 a.m. and 5:00 p.m., Monday through Friday (except city holidays), the right-of-way use permit application and associated traffic control plan must be submitted to the city prior to the start of work. For emergency repairs that require notification to New Mexico One-Call at any other time, the right-of-way permit application is due to the city by noon the following business day.

(D) Persons who use the right-of-way for short duration operations, including but not limited to: landscaping/landscape maintenance, lifting with crane or boom truck, concrete delivery, concrete cutting, asphalt repair, utility repair, and utility locators using destructive methods, must obtain right-of-way use permits. The level of complexity required for traffic control will be commensurate with the duration of work and location of work as defined in the MUTCD.

(E) Builders shall obtain right-of-way use permits for placement of construction dumpsters/drop boxes in the right-of-way.

(F) Heavy haulers, persons proposing to drive non-street-legal construction equipment, and persons proposing to haul spoils, rock, debris, fill dirt or the like to or from an excavation or construction site shall obtain a right-of-way use permit. The city may dictate the haul route and the hours of operation for the haul.

(1) All costs associated with the haul, including moving and reinstalling existing structures and infrastructure shall be borne by the applicant.

(2) Water wagons and scrapers are prohibited from being driven on paved roads.

(G) Persons requesting special event permits pursuant to Section 154.83, R.O. 2003, must also obtain right-of-way use permits if their events affect the right-of-way. Satisfying the insurance and bonding requirements for the special event permit shall not relieve the applicant from meeting the requirements of this chapter.

(H) *Buried utilities.*

(1) The placement of buried utilities within the right-of-way shall be approved by the city prior to installation.

(2) Non-city-owned utilities installed parallel to a roadway shall be located in the public utility easement.

(3) Buried utilities shall cross the roadway at an angle of 90 degrees to the roadway centerline and shall use City installed conduit if available and if the roadway is under five (5) years old see Section 96.03 (J) above.

(4) Barrier devices shall be installed where necessary to protect surface components and the traveling public.

(5) Where buried facility requires the removal or replacement of existing curbs, gutters or pavement surfaces, the same shall be replaced in accordance with the plans and specifications accompanying and made a part of the permit application.

(6) The city may require that the utility be installed using boring or jacking methods. This requirement shall be based on considerations such as the type of roadway, traffic conditions, length of construction time, existing utilities or other conditions as relevant.

(I) Persons proposing to install culverts or make other storm water management revisions in the right-of-way must obtain both the city's approval for the work and a right-of-way use permit.

(Ord. 10-21; Am. Ord. 14-04)

96.05 RESTORATION.

(A) Any damage to existing infrastructure, landscape or structures within the right-of-way or properties adjoining the work shall be repaired to city standards by the applicant. This includes pavement damaged by dumpsters or construction drop boxes.

(B) Work areas, including adjacent areas that were cleared/grubbed or damaged shall be stabilized and reseeded within 14 calendar days after the permit completion date.

(C) All excavations within the right-of-way shall be backfilled with consecutive lifts not exceeding eight inches of loose material and shall be compacted to 95% of maximum density, plus two percentage points of optimum moisture content and shall be tested in accordance with ASTM D-1557. Excavations including potholes shall follow the City standard detail for restoration.

(D) Pavement surfaces shall be tested in accordance with applicable testing methods based on the type of material to be placed. Whenever a pavement ~~cut~~ excavation, trenchless excavation, or disturbance is required, pavement shall be ~~cut~~ placed to create a neat true line. Width of pavement cut, excavation, trenchless excavation, or disturbance shall be sufficient to remove any broken or cracked pavement and wide enough to allow for the equipment required to obtain the required compaction. Edges of pavement cuts for asphalt concrete surfaces shall receive an application of tack coat prior to placing the new pavement. All asphalt patches shall ~~match existing road sections, including base depth and material~~ be per the City's Utility Patch detail.

(E) Sidewalks, curbs gutters or combination curbs and gutters shall be removed to nearest joint. All concrete used to replace curbs and gutters shall obtain a minimum compression strength of

3,000 psi. at 28 days. Curbs and gutters shall be replaced to conform to the same shape, size and continuous gradient as existing curbs and gutters.

(F) *Testing.*

(1) The permittee shall submit all test results to the city within 14 calendar days of the date of completion of the test.

(2) Right-of-way use permits will not be issued to persons who are delinquent in providing test results.

(3) If test results show that the work was not compliant with city standards, the applicant shall repair and retest the work at no cost to the city.

(G) The permittee shall warranty all restoration work to the city for a period of one year from completion and acceptance by the city.

(H) If conformance is not attained, or the removal and restoration required by this section have not been completed within the required time, the City may perform the necessary removal and restoration at the cost of the work plus 10% to the person responsible (the utility or property owner, as the case may be). The City may then revoke or refuse to process future right-of-way permit requests by such owner until such time the costs associated with the removal and restoration are reimbursed in full to the City.

96.06 ABANDONED AND NONCONFORMING CROSSINGS.

(A) If any utility crossing is clearly abandoned or no longer used for its intended purpose, any permit heretofore granted for the use of the crossing as such shall be subject to revocation by the city after 30 days' written notice of the proposed revocation has been given to the owner of the utility crossing the right-of-way, if the identity of the owner can reasonably be ascertained.

(B) It shall be sufficient notice under the provisions of this section to send such notices by certified or registered mail.

(C) The permit for any curb cut on a designated thoroughfare which is determined by the city to constitute a traffic hazard, and which becomes nonconforming upon amendment of this chapter, shall be subject to revocation upon 30 days' prior written notice to the owner(s) of the abutting properties as provided in subsection (B) of this section, to the extent the identity of such owner(s) can reasonably be ascertained.

(D) In the event the city has revoked any permit for a utility crossing under the provisions of this section, the subject crossing shall be removed by and at the expense of the owner of the utility and the right-of-way restored to current city standards. The removal and restoration shall be completed within 60 days after the notice provided for in this section has been given.

(E) In the event the city has revoked any permit for a curb cut under the provisions of this section, the subject curb cut shall be brought into compliance with current requirements or removed, by and at the expense of the owner of the property benefited by the curb cut and to which the curb cut is appurtenant, and the right-of-way restored to current city standards. The removal and restoration shall be completed within 60 days after the notice provided for in this section has been given.

(F) If conformance is not attained, or the removal and restoration required by this section have not been completed, within the required time, the city may perform the necessary removal and restoration at the cost of the person responsible for the same (the utility or property owner, as the case may be). The city may then revoke or refuse to process future right-of-way permit requests by such owner until such time the costs associated with the removal and restoration are reimbursed in full to the city.

(Ord. 10-21; Am. Ord. 14-04)

96.07 VIOLATIONS AND FINES.

Whenever the city shall find probable cause to believe violation of any of the provisions of this chapter exists, the city shall notify the person responsible for the alleged violation in writing and shall order the necessary corrections to be made.

(A) *Notice.*

The city shall notify any person found to be in violation with this chapter of the scope of violation, the provisions violated, the date of violation (if known), and the required correction.

(1) Said notice shall be in writing and may be hand delivered, faxed or e-mailed to the applicant.

(2) Should that person fail to correct the violation, written notice of any associated fine shall also be hand delivered, faxed or e-mailed to the person.

(3) All violations shall be corrected and all fines incurred must be paid prior to the city's issuance of another right-of-way use permit to such person.

(B) *Corrective actions.*

(1) Failure to obtain a right-of-way use permit, failure to comply with an approved right-of-way use permit including compliance with traffic control plan, failure to comply with excavation or trench safety requirements or any other violation that creates an imminent public safety hazard shall be corrected immediately, and all work shall stop, and necessary safety precautions shall be taken until the violation is corrected. Failure to correct a violation which creates an imminent public safety by the end of the date of the notice of violation shall justify the issuance of a fine as described in subsection C.

(2) Any other violation of nonconformance that does not constitute, in the determination of the city, an imminent public safety hazard, shall be corrected within ~~30~~ 14 days of issuance of the notice of violation and if not completed shall justify the issuance of a fine as described in subsection C.

(C) *Fines.*

Failure to comply with any of the requirements of this chapter will result in a fine of no less than $100.00 per day per violation and up to a maximum of $500.00 per day per violation, as determined at the discretion of the City.

(Ord. 10-21; Am. Ord. 14-04)

96.08 FEES.

(A) All applicants and permittees subject to this chapter shall pay permit fees and be subject to fines if they violate the requirements of this chapter, except as provided below.

(1) City projects are exempt from paying permit fees, and restoration fees imposed by this chapter.

(2) Both the applicant/permittee and the person responsible for their traffic control shall be equally responsible for complying with this chapter and both shall be subject to fines in case of violation.

(3) Barricading fees shall be calculated on the area of closure required by the MUTCD.

(4) The maximum allowable lane drop per permit is 1,600 feet. The maximum allowable excavation length per permit is 660 feet.

(5) ~~Restoration~~ Pavement Degradation fee area shall be calculated in square feet ~~yards~~, as follows: Length of excavation in feet parallel to the centerline of the street, plus 30 feet, multiplied by the pavement width of the street in feet~~, divided by nine~~, and multiplied by ~~$3.15~~ the fee listed in Schedule C.

(B) The following fees shall apply to right-of-way use permits:

(1) Any work on or within state rights-of-way: ~~$50~~ 62.50.

(2) Base fee (includes first day of barricading for one lane): ~~$50~~ 62.50.

(3) Work on dirt roads, shoulder work on paved roads: Base fee plus ~~$21~~ 26.25/day.

(4) Barricading paved roads: ~~Base fee plus $0.01/sq. ft./day of barricaded area. Minimum additional $21/day after first day.~~ Base fee plus $0.01/sq. ft./day of barricaded area, with a minimum of $26.25/day after first day.

(5) Other barricading fees: See Schedule A.

(6) Excavation of paved roads: Base fee plus barricade fees plus pavement degradation fee of Schedule C~~$3.15/sq. yd. restoration fee~~.

(7) Other excavation fees: See Schedule B.

~~(8) Fines – Failure to comply with this chapter: $500/day~~.

Schedule A – ~~Other~~ Barricade Fees	
Residential Sidewalk Closures	$~~21~~ 26.25/month
Arterial/Collector Sidewalk Closures	$~~21~~ 26.25/day
Special Events Barricading	$~~21~~ 26.25/day/event
Arterial/Collector Shoulder/Bike Lane Closures	$~~21~~ 26.25/day
Bike Path Closure	$~~21~~ 26.25/day
Drop Box or Construction Dumpster	$~~21~~ 26.25/month

Schedule B – ~~Other~~ Excavation Fees	
Curb Cuts	$~~12~~ 15 each
Drive Pads	$~~6~~ 7.50 each
Curb and Gutter	$~~25~~ 31.25 for first 100' ($~~0.25~~ 0.31/foot thereafter)
Valley Gutter	$~~25~~ 31.25 for first 100' ($~~0.25~~ 0.31/foot thereafter)
Sidewalk	$~~25~~ 31.25 for first 100' ($~~0.25~~ 0.31/foot thereafter)
Sidewalk or Driveway Culvert	$~~25~~ 31.25 each
ADA Ramp	$~~6~~ 7.50 each
Trenching Fees^	
Excavation less than 100 ft (no intersections)	$195.00
Excavations 100ft – 500ft (no intersections)	$265.00
Excavations involving any intersection	$490.00
Directional Boring Fees^	
Less than 200 ft	$195.00
200 ft to 550 ft	$490.00
550 ft to 1,000 ft	$490.00
Involving any intersection	$490.00
Potholing/Coring Fees^	
Arterial Collector Road Pavement Age 0-5 years	$100 each
Arterial Collector Road Pavement Age 6+ years	$75 each
Residential Road Pavement Age 0-5 years	$75 each
Residential Collector Pavement Age 5+ years	$50 each
^ Applicable to work on paved roads, shoulder work on paved roads	

Schedule C - Degradation Fees	
Arterial Collector Road Pavement Age 0-5 years (sq.ft.)	$1.50
Arterial collector Road Pavement Age 6+ years (sq.ft.)	$1.25
Residential Road Pavement Age 0-5 years (sq.ft.)	$1.00
Residential Road Pavement Age 6+ years (sq.ft.)	$0.50
City Performed Restoration (actual cost plus 10%)	
Schedule D - Other	
~~Failure to Comply with this Chapter~~	~~$500/day~~
Haul Route/Heavy Hauler	$50 plus actual cost of necessary police support.
City Inspection Overtime	Actual Cost

(C) Each applicant is responsible for providing the city with accurate work scope, work zone length and work duration as a basis of fee calculation.

(Ord. 10-21; Am. Ord. 14-04)

96.09 GENERAL REQUIREMENTS FOR OCCUPATION OF THE PUBLIC RIGHTS-OF-WAY.

(A) *Occupant defined*. An "occupant" is a person who owns or controls permanent facilities in the rights-of-way, or (in the case of an application that will result in occupation of the rights-of-way) a person who will own or control permanent facilities in the rights-of-way.

(B) *Generally*. Each occupant shall be subject to the requirements of this section, except as may be provided in a valid franchise held by such occupant, or as may be prohibited by law; provided, that an occupant's obligations may be limited to the duty to indemnify where:

(1) The facilities of an occupant (such occupant being a "secondary occupant") are wholly within the facilities of another occupant;

(2) The secondary occupant holds no franchise, and has no right to enter into the rights-of-way, or perform any work on its facilities;

(3) The secondary occupant's property may be treated for all purposes (including notice) as the property of the occupant within whose facilities the secondary occupant is located;

(4) The occupant within whose property the secondary occupant's property is located accepts full responsibility and liability for complying with all obligations hereunder with respect to the facilities of the secondary occupant and can grant such access to the secondary occupant's facilities as necessary to permit the city, without liability to the secondary occupant, to perform any action contemplated hereunder;

(5) The secondary occupant accepts joint and several liability for the acts and omissions of the occupant;

(6) The city owes no duties to the secondary occupant; and

(7) The secondary occupant and the occupant responsible for the secondary occupant's facilities submit a jointly signed writing affirming the provisions hereof.

(C) *Code compliance*. An occupant shall at all times comply with all applicable provisions of the city code and regulations. Any permit and any franchise authorizing occupancy of the rights-of-way may be terminated for violations of the code and regulations, or the terms of any permit, as provided in this chapter. Costs associated with compliance shall be borne solely by the occupant, and not by city, except as explicitly provided in a franchise or in the code or regulations.

(D) *Inspections – Emergencies*. The city may inspect an occupant's property, and may as a condition of the inspection require occupant to disconnect or remove any facilities that may present a hazard to the inspectors. City may direct occupant to correct any noncompliance found. The occupant shall cooperate with all inspections and may be present for any inspection of its facility by the city. Notwithstanding the foregoing, in an emergency or when the facility threatens imminent harm to persons or property, city may, without notice, inspect, support, repair, disable, or remove any elements of the occupant's facilities and charge occupant the costs therefor, which costs may be recoverable from the bond provided by occupant.

(E) *Contact*. The occupant shall at all times maintain accurate contact information for all parties responsible for the facility, which shall include a phone number, street mailing address and email address for at least one natural person who may be contacted at all times in the event of an emergency.

(F) *Resources*. An occupant shall maintain the persons and equipment necessary to allow it to respond immediately to any condition of or relating to the facility presenting a hazard to persons or property.

(G) *No guarantee or warranty by city.* The city does not guarantee it has the authority necessary to permit an occupant to place or maintain a facility at any site. An occupant is responsible for ensuring it has all authorizations required in order to place a facility at a particular location. Permits improperly granted may be revoked. An occupant assumes all risks associated with placement of facilities in the rights-of-way.

(H) *Insurance*. Occupant shall obtain and maintain insurance in the amounts and of types, and subject to such conditions, as may be specified by in any franchise, license or permit, or as may be specified by any other lawful means.

(I) *Indemnity*. The occupant shall defend, indemnify and hold harmless the city, its agents, officers, officials, and employees (1) from any and all damages, liabilities, injuries, losses, costs, and expenses, and from any and all claims, demands, law suits, writs of mandamus, and other actions or proceedings brought against the city or its agents, officers, officials, or employees to challenge, attack, seek to modify, set aside, void or annul the city's approval of the permit, and (2) from any and all damages, liabilities, injuries, losses, costs, and expenses, and any and all claims, demands, lawsuits, or causes of action and other actions or proceedings of any kind or form, whether for personal injury, death or property damage, arising out of or in connection with any action, or failure to act, of occupant or those acting on its behalf, and arising out of the construction, modification, maintenance or operation of facilities in the rights-of-way, except where instances where indemnification is prohibited by state law.

(J) *Performance and removal bond.*

(1) Prior to issuance of a permit, the occupant shall file with the city, and shall maintain in good standing for so long as the facility is in place, a performance bond or other surety or

form of security for the removal of the facility in the event that the use is abandoned or the occupant's rights to occupy expire, or are revoked, or are otherwise terminated, or which may be drawn upon to reimburse city for any costs it incurs as a result of the failure of an occupant to comply with its obligations.

(2) The amount of the performance bond will be specified by city and adjusted from time to time, following the valuation guidelines for determination of the amount of the bond required under Division 3. The city may increase or decrease the amount of the security based on the type and extent of the facilities of an occupant.

(3) Where an occupant is required to obtain a bond under Division 3, the city may permit it to satisfy this requirement by a single bond covering construction of the facility and the ongoing occupancy of the rights-of-way.

(K) *Adverse impacts on adjacent properties.* Occupant shall place and maintain its facilities to avoid undue adverse impacts to adjacent properties and/or uses that may arise from the construction, operation, maintenance, modification, and removal of the facility, and is responsible for restoring property damages to their condition prior to the facility's installation, except as state law otherwise provides.

(L) *Visual burden minimized – Maintenance of facilities*. All facilities shall be neatly placed and maintained, with unused facilities removed, so that the burden and visual impact of the facilities in the rights-of-way are minimized. Without limitation, it is not permissible to leave wires hanging, or leave disconnected cabling and conduits on the sides of supporting structures in the rights-of-way.

(M) *Noninterference with pedestrian and vehicular traffic*. Use by any occupant is secondary to use of the rights-of-way by vehicular and pedestrian traffic, and no facility may be placed in a manner that interferes with such uses. Without limitation, facilities may not be placed or maintained at locations that present a hazard to pedestrians or vehicular traffic (whether physically, or by obstructing sight lines); that violate ADA requirements; or that overhang any street, sidewalk, ramp or driveway unless the city has specifically approved that placement.

(N) *Noninterference with public projects*. An occupant must promptly move, alter, temporarily relocate, or remove its facilities as necessary for any public project, including, but not limited to, installation of any publicly owned utility, structure or facility, street widening or regrading, widening or installation of sidewalks, or as part of an undergrounding project. If an occupant fails to move, alter, temporarily relocate, or remove its facilities by a time specified by city, city may cause the facilities to be removed, and charge the occupant for the cost thereof, which cost shall be recoverable against the bond.

(O) *Movement for others.* An occupant must promptly, and at no charge to the city, move, alter, or temporarily relocate its facilities as necessary to permit use of the rights-of-way by other franchised entities or entities holding special permits from city that require such movement, alteration or relocation. An occupant may charge the entity that causes such work to be performed for the cost of the work, except as may otherwise be provided by applicable laws or contract.

(P) *No right, title, or interest.* Permissions granted by the city to occupy the rights-of-way shall not in any event constitute an easement on or an encumbrance against the public right-of-way. No right, title, or interest in the public right-of-way, or any part thereof, shall vest or accrue in an occupant by reason of issuance of such permissions.

(Q) *General maintenance*. The site and the facility, including, but not limited to, all landscaping, fencing, and related equipment, must be maintained in a neat and clean manner and in accordance with all approved plans. All graffiti on facilities must be removed at the sole expense of the occupant permittee within 48 hours after notification from the city.

(R) *Abandonment and termination.* If a facility is not operated for a continuous period of six months, rights to occupy the rights-of-way it may be treated as abandoned and rights to occupy terminated. City will provide notice of abandonment, and unless an occupant contends, in writing submitted within 10 days of the notice, that the facility has not been abandoned, the facility will be deemed abandoned and the rights to occupy terminated. If an occupant contends that the facility has not been abandoned, it must provide all facts on which it relies for that contention as part of the submission to city. The city may then determine whether or not the facility is abandoned. If the facility is deemed or determined to be abandoned, city may direct the facility to be removed, and if not removed ~~city~~ by a time specified by the city, city may remove the facility and charge the occupant the cost therefor, which cost may be charged against the bond.

(S) *Records*. Any occupant must maintain complete and accurate copies of all applications filed, and all permits and other regulatory approvals issued in connection with the facility, and maintain full and complete records identifying and showing the location of the facilities of occupant in the rights-of-way. Copies of the record shall be promptly provided to city on request, unless production of the records is prohibited by law. Maps of facilities must be provided in a format that will permit the information to be incorporated in the city's GIS system.

96.10 RELIEF

Any applicant desiring relief, waiver or exemption from any aspect or requirement of this chapter may request such at the preapplication meeting; provided, that the relief or exemption sought is contained in the submitted application for a permit, or an amendment to the permit application. Such relief may be temporary or permanent, partial or complete. The applicant shall have the burden of showing the need for the requested relief, waiver or exemption and shall bear all costs of the city's consultants/experts (if any) in considering the request for relief. No such relief shall be approved unless the applicant demonstrates by clear and convincing evidence that, if granted, the relief, waiver or exemption will have no significant effect on the health, safety and welfare of the city, its residents and other service providers.

96.11 APPEALS

(A) Any Applicant aggrieved by the city's failure to issue a permit under this chapter, by any conditions imposed by an issued permit, any other final decision regarding the issuance of, failure to issue a permit, or fines may be appealed to the Department Director. The decision of the Department Director may be appealed to the City Manager.

(B) The appeal process provided by this section shall not apply to any matter concerning the granting or withholding relief under Section 96.10.

Section 2. Severability Clause. If any section, paragraph, clause, or provision of this Ordinance, or any section, paragraph, clause, or provision of any regulation promulgated hereunder shall for any reason be held to be invalid, unlawful, or enforceable, the invalidity, illegality, or unenforceability of such section, paragraph, clause, or provision shall not affect the validity of the remaining portions of this Ordinance or the regulation so challenged.

Section 3. Compiling Clause. This Ordinance shall be incorporated in and compiled as part of the Revised Ordinances of the City of Rio Rancho, (R.O. 2003).

Section 4. Effective Date. This Ordinance shall become effective July 1, 2025.

ADOPTED THIS _____DAY OF _____, 2025.

_____
Greggory D. Hull, Mayor

ATTEST:

_____
Noel C. Davis, City Clerk
(SEAL)

Priority Base Budget
Development Services Department
Engineering Division
Program: Public Rights of Way Regulatory Compliance and Management
Description: Implement City Code Chapter 96 "Use of Public Right of Way"

Personnel Cost

Position	Employee	Percentage	FY25-Salary & Benefits	
Project Inspector		95.00%	$ 65,510.66	$ 62,235.13
Project Inspector		75.00%	$ 65,510.66	$ 49,133.00
Project Inspector		10.00%	$ 65,510.66	$ 6,551.07
Project Inspector		10.00%	$ 65,510.66	$ 6,551.07
Permit Tech		20.00%	$ 59,112.00	$ 11,822.40
Associate Engineer		50.00%	$ 92,444.00	$ 46,222.00
DSD-Engineering Div Manager		20.00%	$ 138,591.72	$ 27,718.34
Deputy Director		10.00%	$ 165,612.00	$ 16,561.20
DSD Director		5.00%	$ 181,301.00	$ 9,065.05
Overtime		50.00%	$ 2,000.00	$ 1,000.00
			Total	**$ 236,859.25**

Materials and Services

Item	Division	Percentage	FY25	
Insurance	Administration	4.23%	$ 18,786.00	$ 794.65
Leases and Rentals	Administration	4.23%	$ 15,970.00	$ 675.53
Telephone Lease	Administration	5.00%	$ -	$ -
Long Distance	Administration	4.23%	$ -	$ -
Cellular Phone Serv.	Administration	10.00%	$ 25,000.00	$ 2,500.00
Fleet Maintenance	Engineering	12.50%	$ 4,000.00	$ 500.00
Gasoline	Engineering	12.68%	$ 10,500.00	$ 1,331.40
Protective Clothing	Engineering	16.00%	$ 1,250.00	$ 200.00
Program Supplies	Engineering	50.00%	$ 600.00	$ 300.00
Staff Augmentation	Engineering	50.00%	$ 60,000.00	$ 30,000.00
			Total	**$ 36,301.58**

Total Cost **$ 273,160.83**

Indirect Cost Allocation			**FY25 Budgeted Revenue**	**FY24 Actual Revenue**			
			$ 200,000	$ 259,917			
			Shortage	Shortage			
Utility Department (G&A)	8.4%	$ 296,106.34	$ (96,106.34)	$ (36,189.54)	48%	14%	34.98% Average
Federal De Minimis	15.0%	$ 314,134.95	$ (114,134.95)	$ (54,218.15)	57%	21%	35.50% Midpoint
~~Federal Study~~	~~63.6%~~	~~$ 446,781.85~~	~~$ (246,781.85)~~	~~$ (186,865.05)~~	~~123%~~	~~72%~~	

Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00			$ -
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.		$21.00		$ -

Schedule A - Other Barricade Fees	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00		$ -
Drive Pads (each)	$ 6.00		$ -
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter (day)	$ 500.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation Feet	Pavement Width of	Total Fee
Restoration Fee			$ -
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 50.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25			$ -
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.		$26.25		$ -

Schedule A - Barricading Fees	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00		$ -
Drive Pads (each)	$ 7.50		$ -
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00		$ -
550 ft to 1,000 ft	$ 490.00		$ -
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Colletor Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Colletor Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 50.00		$ -

Schedule C - Degredation Fees	Fee	Quantity	Total Fee
Degredation:			
Arterial Colletor Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial CollectorRoad Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Resdidential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50		$ -
Pavement Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other	Fee	Quantity	Total Fee
City Inspection Overtime		actual cost	
Haul Route/Heavy Hauler		$50 plus actual cost of necessary	

Base Fee	$ 62.50
Total Fees - Schedule A	$ -
Total Fees - Schedule B	$ -
Total Fees - Schedule C	$ -
Total Fees - Scheduled D	$ -
Total Permit Fees	$ 62.50

Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00	Days 30		$ 630.00
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.	Days $21.00	Sq.Ft.		$ -

	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees

	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00		$ -
Drive Pads (each)	$ 6.00		$ -
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter (day)	$ 500.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation Feet	Pavement Width of	Total Fee
Restoration Fee			$ -
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 680.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25	Days 30		$ 787.50
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.	Days $26.25	Sq.Ft.		$ -

Schedule A - Barricading Fees

	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees

	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00		$ -
Drive Pads (each)	$ 7.50		$ -
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00	320	$ 490.00
550 ft to 1,000 ft	$ 490.00	1000	$ 490.00
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Colletor Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Colletor Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (each)	$ 50.00	50	$ 2,500.00

Schedule C - Degredation Fees

	Fee	Quantity	Total Fee
Degredation:			
Arterial Colletor Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial CollectorRoad Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Resdidential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50		$ -
City Performed Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other

	Fee	Quantity	Total Fee
City Inspection Overtime	actual cost		
Haul Route/Heavy Hauler	$50 plus actual cost of necessary police support		

Base Fee	$ 850.00
Total Fees - Schedule A	$ -
Total Fees - Schedule B	$ 3,480.00
Total Fees - Schedule C	$ -
Total Fees - Scheduled D	$ -
Total Permit Fees	$ 4,330.00

RioRancho City of Vision

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87114
5005 Fax (505)896-8994

Department OF Development Services Engineering Division
(In accordance with City Ordinance Chapter 96 – Use of public Right-of-way)
(To be Completed/submitted by contractor actually performing the work)

Date of Application: 8/7/24
Requested Work Start Date: 8/22/24 **days after submission of complete Application***
Planned Work Completion Date: 9/20/24 (**Work start and end dates are Required**)
Applicant (Contractor) Name: Denca Directional Boring & Construction LLC
Contact Person Responsible for work: Chad Guinn 505-604-9078 / Tim Stroman 505-850-7246
E-mail Address: javier.gonzales@cablecomllc.net
Is work for a City Contract? (Y/N) If yes, Name of city contact person
Is work for a Utility (Y/N) If yes, Name of Utility: Comcast
Address of Work: 1461027 South Phase 14 City 9 DENCA
Description of work: bore crossings prior to street paving taking place
Surface type (Dirt, Asphalt, Other) in work Zone: concrete / asphalt
If Dirt, Method of cut/trench: bore
New Mexico One-Call#
Traffic Control Firm: Access Road Safety
If for Water line Extension or Sewer/Water Tap: Unit Block Lot
Is Road Closure Required?(Y/ N) Is Detour Required?(Y/N)Is bond/Insurance on file (Y/N)

SCOPE OF WORK
(It is suggested that a sketch/drawing of the proposed site layout be included for clarity!)

Length of Work Zone: 1170 Width of Work Zone:
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)
Length of Excavated Area: Width of Work Zone:
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)
Schedule A – Barricading (check if Yes) Schedule B – Excavation/construction

Residential Sidewalk Closure	☐	Curb Cuts(#)	
Arterial/Collector Sidewalk Closure	☐	Drive pads (#)	
Arterial/Collector Bike lane Closure	☐	Curb & Gutter (LF)	
Bike Path Closure	☐	Valley Gutter (LF)	
Special Events Barricading	☐	Sidewalk/Driveway Culvert(#)	
Drop Box/Construction Dumpster	☐	Sidewalk(LF)	
		ADA Ramp (#)	
Haul Rout/Heavy Hauler	☐		

I certify that this application is accurate and complete:
Signature of Applicant
Permit #24-55200040 08/08/2024

APPROVED

J00001461027 South Phase 14 City 9
Residential Work Hours: 7am to 5pm
Collector/Arterial Work Hours: 9am to 3pm

RioRancho City of Vision

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87114
(505)891-5005 Fax (505)896-8994

Print this form fill it out then scan the completed form and E-mail it back to ROWpermits@rrnm.gov .

This is a formal request from Daniel Casas to the City of Rio-Rancho Development Services ROW Permits Department to receive approved ROW permits via E-mail.

Required information:

Company Name. Denca Directional Boring & Construction LLC

Address. 1324 21st Ave SE, Rio Rancho, NM 97124

Phone # (720) 787-7459

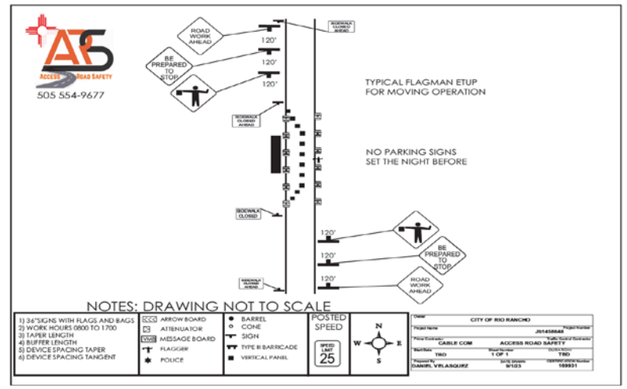
Fax # ( ) -

E-mail tessa.davis@cablecomllc.net

Contact person Tessa Davis

Once this information has been submitted please allow up to 48hrs for the Finance Department to contact you for credit card information.
DO NOT include any financial information on this form.

NOTE: ANY PERSONAL OR FINANCIAL INFORMATION SUBMITTED WILL BE KEPT CONFIDENTIAL AND USED SOLELY FOR THE PURPOSE OF PROCESSING YOUR ROW PERMIT REQUESTS AND WILL ONLY BE REMOVED FROM OUR SYSTEM UPON RECEIPT OF WRITTEN REQUEST.





Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00	7		$ 147.00
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.		$21.00		$ -

Schedule A - Other Barricade Fees	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00		$ -
Drive Pads (each)	$ 6.00		$ -
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter	$ 500.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation F	Pavement Width of	Total Fee
Restoration Fee			$ -
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 197.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25	7		$ 183.75
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.		$26.25		$ -

Schedule A - Barricading Fees	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00		$ -
Drive Pads (each)	$ 7.50		$ -
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00		$ -
550 ft to 1,000 ft	$ 490.00		$ -
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Collector Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Collector Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (each)	$ 50.00		$ -

Schedule C - Degradation Fees	Fee	Quantity	Total Fee
Degradation:			
Arterial Collector Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial Collector Road Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Residential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50		$ -
City Performed Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other	Fee	Quantity	Total Fee
City Inspection Overtime		actual cost	
Haul Route/Heavy Hauler		$50 plus actual cost of necessary police support	

Base Fees	$ 246.25
Total Fees - Schedule A	$ -
Total Fees - Schedule B	$ -
Total Fees - Schedule C	$ -
Total Fees - Scheduled D	$ -
Total Permit Fees	$ 246.25

RioRancho City of Vision

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87114
5005 Fax (505)896-8994

Department OF Development Services Engineering Division
(In accordance with City Ordinance Chapter 96 – Use of public Right-of-way)
(To be Completed /submitted by contractor actually preforming the work)

Date of Application: 11/21/2024 *Requested Start Date Must be at least 5 business
Requested Work Start Date: 12/10/2024 days after submission of complete Application*
Planned Work Completion Date: 12/16/2024 (*Work start and end dates are Required*)
Applicant (Contractor) Name: SunCorp
Contact Person Responsible for work: David Avalos Cell# (505-362-8393
E-mail Address: david.avalos@hellosunie.com
7 Is work for a City Contract?(Y)(N) If yes, Name of city contact person
Is work for a Utility (Y)(N) If yes. Name of Utility: NMGCO
Address of Work: 4 to 424 Northern Blvd NE
Description of work: Install Main line for NMGCO in the right away, no work to be done in Northern NE, the restoration will be backfill since on concrete or asphalt will removed.
Surface type(Dirt, Asphalt, Other) in work Zone: Dirt
If Dirt, Method of cut /trench: Excavator
New Mexico One-Call#
Traffic Control Firm: ARS STATE LIC#:350310
If for Water line Extension or Sewer/Water Tap: Unit ____ Block ____ Lot____
Is Road Closure Required?(Y/N) Is Detour Required?(Y/N) Is bond/Insurance on file (Y)(N)

SCOPE OF WORK
(It is suggested that a sketch/drawing of the proposed site layout be included for clarity!)

Length of Work Zone: 2077' Width of Work Zone: 3'
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)
Length of Excavated Area: 2077' Width of Work Zone: 3'
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)

Schedule A – Barricading (check if Yes)		Schedule B – Excavation/construction	
Residential Sidewalk Closure	☐	Curb Cuts(#)	
Arterial/Collector Sidewalk Closure	☐	Drive pads (#)	
Arterial/Collector Bike lane Closure	☐	Curb & Gutter (LF)	
Bike Path Closure	☐	Valley Gutter (LF)	
Special Events Barricading	☐	Sidewalk/Driveway Culvert(#)	
Drop Box	☐	Sidewalk(LF)	
		ADA Ramp (#)	
Haul Rout/Heavy Hauler	☐		

I certify that this application is accurate and complete:
Signature of Applicant

Permit #: 24-55200281 Thank you!

Collector/Residential Work Hours: 7am to 5pm
Arterial Work Hours: 9am to 3pm

PERMIT APPROVED
Samuel Hernandez
12/09/2024

Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00	7		$ 147.00
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.		$21.00		$ -

Schedule A - Other Barricade Fees	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00		$ -
Drive Pads (each)	$ 6.00	1	$ 6.00
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter	$ 500.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation F	Pavement Width of	Total Fee
Restoration Fee			$ -
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 203.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25	7		$ 183.75
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.		$26.25		$ -

Schedule A - Barricading Fees	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00		$ -
Drive Pads (each)	$ 7.50	1	$ 7.50
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00		$ -
550 ft to 1,000 ft	$ 490.00		$ -
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Collector Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Collector Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (each)	$ 50.00		$ -

Schedule C - Degradation Fees	Fee	Quantity	Total Fee
Degradation:			
Arterial Collector Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial Collector Road Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Residential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50		$ -
City Performed Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other	Fee	Quantity	Total Fee
City Inspection Overtime	actual cost		
Haul Route/Heavy Hauler	$50 plus actual cost of necessary police support		

Base Fee	$ 246.25
Total Fees - Schedule A	$ -
Total Fees - Schedule B	$ 7.50
Total Fees - Schedule C	$ -
Total Fees - Scheduled D	$ -
Total Permit Fees	$ 253.75

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87114
5005 Fax (505)896-8994

Department OF Development Services Engineering Division
(In accordance with City Ordinance Chapter 96 – Use of public Right-of-way)
(To be Completed /submitted by contractor actually preforming the work)

Date of Application: 09/25/2024 ***Requested Start Date Must be at least 5 business**
Requested Work Start Date: 09/30/24 **days after submission of complete Application***
Planned Work Completion Date: 10/07/2024 **(*Work start and end dates are Required*)**
Applicant (Contractor) Name Recendiz Framing Inc
Contact Person Responsible for work Efren Recendis Cell# (505)504-5635
E-mail Address: recendinc2002@gmail.com
Is work for a City Contract?(Y/N) If yes, Name of city contact person
Is work for a Utility(Y/N) If yes. Name of Utility:
Address of Work: 1629 21st Ave Rio Rancho NM 87124
Description of work
Driveway and Apron
Surface type (Dirt, Asphalt, Other) in work Zone
If Dirt, Method of cut /trench: NA
New Mexico One-Call#
Traffic Control Firm:
If for Water line Extension or Sewer/Water Tap: Unit ____ Block ____ Lot____
Is Road Closure Required?(Y/N) Is Detour Required?(Y/N) Is bond/Insurance on file (Y/N)
SCOPE OF WORK
(It is suggested that a sketch/drawing of the proposed site layout be included for clarity!)

Length of Work Zone: 27' Width of Work Zone: 8"
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)
Length of Excavated Area: Width of Work Zone:
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)

Schedule A – Barricading (check if Yes)		Schedule B – Excavation/construction	
Residential Sidewalk Closure	☐	Curb Cuts(#)	
Arterial/Collector Sidewalk Closure	☐	Drive pads (#)	
Arterial/Collector Bike lane Closure	☐	Curb & Gutter (LF)	
Bike Path Closure	☐	Valley Gutter (LF)	
Special Events Barricading	☐	Sidewalk/Driveway Culvert(#)	
Drop Box	☐	Sidewalk(LF)	
		ADA Ramp (#)	
Haul Rout/Heavy Hauler	☐		

I certify that this application is accurate and completed
Signature of Applicant Efren Recendiz

Permit: 24-55200161

Collector/Residential Work Hours: 7am to 5pm
Arterial Work Hours: 9am to 3pm

PERMIT APPROVED
Samuel Hernandez
10/03/2024

Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00	Days 2		$ 42.00
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.	$21.00	Days / Sq.Ft.		$ -

Schedule A - Other Barricade Fees	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00		$ -
Drive Pads (each)	$ 6.00		$ -
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter	$ 21.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation Feet	Pavement Width of	Total Fee
Restoration Fee			$ -
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 92.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25	Days 2		$ 52.50
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.	$26.25	Days / Sq.Ft.		$ -

Schedule A - Barricading Fees	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00		$ -
Drive Pads (each)	$ 7.50		$ -
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00		$ -
550 ft to 1,000 ft	$ 490.00		$ -
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Colletor Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Colletor Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (each)	$ 50.00		$ -

Schedule C -Degredation Fees	Fee	Quantity	Total Fee
Degredation:			
Arterial Colletor Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial CollectorRoad Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Resdidential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50		$ -
Pavement Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other	Fee	Quantity	Total Fee
City Inspection Overtime	actual cost		
Haul Route/Heavy Hauler	$50 plus actual cost of necessary		

Base Fee	$	115.00
Total Fees - Schedule A	$	-
Total Fees - Schedule B	$	-
Total Fees - Schedule C	$	-
Total Fees - Scheduled D	$	-
Total Permit Fees	$	115.00

Rio Rancho
City of Vision

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87114
5005 Fax (505)896-8994

Department OF Development Services Engineering Division
(In accordance with City Ordinance Chapter 96 – Use of public Right-of-way)
(To be Completed /submitted by contractor actually preforming the work)

Date of Application: 07.31.24 *Requested Start Date Must be at least 5 business
Requested Work Start Date: 08.20.24 days after submission of complete Application*
Planned Work Completion Date: 09.21.24 (*Work start and end dates are Required*)
Applicant (Contractor) Name SUNRISE UTILITIES
Contact Person Responsible for work DAVID AVALOS Cell# 505.362.8393
E-mail Address: DAVID.AVALOS@HELLOSUNRISE.COM
Is work for a City Contract?(Y/N). If yes, Name of city contact person
Is work for a Utility(Y/N) If yes, Name of Utility: NMGCO
Address of Work: 708 2ND ST NE
Description of work
INSTALL 60S LINE. CUT ROAD
Surface type (Dirt, Asphalt, Other) in work Zone
If Dirt, Method of cut /trench: EXCAVATOR
New Mexico One-Call#
Traffic Control Firm: AR5
If for Water line Extension or Sewer/Water Tap: Unit ____ Block ____ Lot____
Is Road Closure Required?(Y/ N) Is Detour Required?(Y/N)Is bond/Insurance on file (Y/N)
SCOPE OF WORK
(It is suggested that a sketch/drawing of the proposed site layout be included for clarity!)

Length of Work Zone: 70 FT (Along Center Line, in Feet) Width of Work Zone: 27 FT (#of Lanes or Other Width in Feet)
Length of Excavated Area: 30 FT (Along Center Line, in Feet) Width of Work Zone: 3 FT (#of Lanes or Other Width in Feet)

Schedule A – Barricading (check if Yes)	Schedule B – Excavation/construction	
Residential Sidewalk Closure	Curb Cuts(#)	
Arterial/Collector Sidewalk Closure	Drive pads (#)	X
Arterial/Collector Bike lane Closure	Curb & Gutter (LF)	
Bike Path Closure	Valley Gutter (LF)	
Special Events Barricading	Sidewalk/Driveway Culvert(#)	
Drop Box	Sidewalk(LF)	
Haul Rout/Heavy Hauler	ADA Ramp (#)	

NO SIDEWALK

I certify that this application is accurate and complete:
Signature of Applicant

Permit #24-55200071 Collector/Residential Work Hours: 7am to 5pm
Arterial Work Hours: 9am to 3pm

THANK YOU!

08/16/2024

APPROVED

Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00	Days		$ -
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.	$21.00	Days	Sq.Ft.	$ -

Schedule A - Other Barricade Fees	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00	1	$ 12.00
Drive Pads (each)	$ 6.00		$ -
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter	$ 21.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation Feet	Pavement Width of	Total Fee
Restoration Fee			$ -
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 62.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25	Days		$ -
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.	$26.25	Days	Sq.Ft.	$ -

Schedule A - Barricading Fees	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00	1	$ 15.00
Drive Pads (each)	$ 7.50		$ -
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00		$ -
550 ft to 1,000 ft	$ 490.00		$ -
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Colletor Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Colletor Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (each)	$ 50.00		$ -

Schedule C - Degredation Fees	Fee	Quantity	Total Fee
Degredation:			
Arterial Colletor Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial CollectorRoad Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Resdidential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50		$ -
Pavement Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other	Fee	Quantity	Total Fee
City Inspection Overtime	actual cost		
Haul Route/Heavy Hauler	$50 plus actual cost of necessary		

Base Fee	$ 62.50
Total Fees - Schedule A	$ -
Total Fees - Schedule B	$ 15.00
Total Fees - Schedule C	$ -
Total Fees - Scheduled D	$ -
Total Permit Fees	$ 77.50

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87144
5005 Fax (505)896-8994

Department OF Development Services Engineering Division
(In accordance with City Ordinance Chapter 96 – Use of public Right-of-way)
(To be Completed /submitted by contractor actually preforming the work.)

Date of Application: 8/18/22 *Requested Start Date Must be at least 5 business
Requested Work Start Date: 8/25/22 days after submission of complete Application*
Planned Work Completion Date: 8/25/22 (*Work start and end dates are Required*)
Applicant (Contractor) Name Albuquerque Curb Cutting, LLC
Contact Person Responsible for work Chad Burnett Cell# (505) 269-2182
E-mail Address: abqcurbcut@gmail.com
Is work for a City Contract?(Y/N) If yes, Name of city contact person
Is work for a Utility?(Y/N) If yes, Name of Utility:
Address of Work: 1316 21st Ave SE
Description of work: Concrete Curb Cutting
Surface type (Dirt, Asphalt, Other) in work Zone: Asphalt
If Dirt, Method of cut Arench:
New Mexico One-Call#
Traffic Control Firm: MUTCD 6G 82
If for Water line Extension or Sewer/Water Tap: Unit Block Lot
Is Road Closure Required?(Y/N) Is Detour Required?(Y/N) Is bond/Insurance on file (Y/N)
SCOPE OF WORK
(It is suggested that a sketch/drawing of the proposed site layout be included for clarity!)

Length of Work Zone: 40' Width of Work Zone: 12' From Curb
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)
Length of Excavated Area: Width of Work Zone:
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)

Schedule A – Barricading (check if Yes)	Schedule B – Excavation/construction	
Residential Sidewalk Closure	Curb Cuts(#)	1
Arterial/Collector Sidewalk Closure	Drive pads (#)	
Arterial/Collector Bike lane Closure	Curb & Gutter (LF)	
Bike Path Closure	Valley Gutter (LF)	
Special Events Barricading	Sidewalk/Driveway Culvert(#)	
Drop Box	Sidewalk(LF)	
	ADA Ramp (#)	

Haul Rout/Heavy Hauler

I certify that this application is accurate and complete:
Signature of Applicant

Current Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 50.00
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $21/day	$21.00			$ -
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $21/day after first day.	11	$21.00	4200	$ 462.00

Schedule A - Other Barricade Fees	Fee	Quantity	Total Fee
Residential Sidewalk closures (months)	$ 21.00		$ -
Arterial/Collector Sidewalk Closures(days)	$ 21.00		$ -
Special event Barricading (day/event)	$ 21.00		$ -
Arterial/collector Shoulder/Bike Lane Closures (day)	$ 21.00		$ -
Bike Path Closure (day)	$ 21.00		$ -
Drop Box or Construction Dumpster (months)	$ 21.00		$ -

Schedule B - Other Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 12.00		$ -
Drive Pads (each)	$ 6.00		$ -
Curb and Gutter (up to 100 ft.)	$ 25.00		$ -
Curb and Gutter (over 100 ft.)	$ 0.25		$ -
Valley Gutter (up to 100 ft.)	$ 25.00		$ -
Valley Gutter (over 100 ft.)	$ 0.25		$ -
Sidewalk (up to 100 ft.)	$ 25.00		$ -
Sidewalk (over 100 ft.)	$ 0.25		$ -
Sidewalk or Driveway Culvert (each)	$ 25.00		$ -
ADA Ramp (each)	$ 6.00		$ -

Other	Fee	Quantity	Total Fee
Failure to Comply wit this Chapter	$ 500.00		$ -
Haul Route/Heavy Hauler	$50 plus Actual Cost of necessary police support.		
City Inspection Overtime	Actual Cost		

	Evacuation Feet	Pavement Width of	Total Fee
Restoration Fee	10.0	38.0	$ 532.00
*calculated at $0.35 per sq.ft.			
		Grant Total	$ 1,044.00

Proposed Fee Schedule

Right-of-Way Fee Calculator

				Total Fee
Base Fee(any work on or within state/city right-of-way, includes first day of barricading for one lane)				$ 62.50
		Days		
Work on dirt roads, shoulder work on paved roads: base fee plus $26.25/day	$26.25			$ -
	Days		Sq.Ft.	
Barricading paved roads: Base fee plus $0.01/sq.ft./day of barricading area. Minimum additional $26.25/day after first day.	11	$26.25	4200	$ 462.00

Schedule A - Barricading Fees	Fee	Quantity	Total Fee
Residential Sidewalk Closures(months)	$ 26.25		$ -
Arterial/Collector Sidewalk (days)	$ 26.25		$ -
Special Events Barricading(day/event)	$ 26.25		$ -
Arterial/Collector Shoulder/Bike Lane Closures (days)	$ 26.25		$ -
Bike Path Closure(days)	$ 26.25		$ -
Drop Box or Construction Dumpster(month)	$ 26.25		$ -

Schedule B - Excavation Fees	Fee	Quantity	Total Fee
Curb Cuts (each)	$ 15.00		$ -
Drive Pads (each)	$ 7.50		$ -
Curb and Gutter (first 100 ft)	$ 31.25		$ -
Curb and Gutter (over 100 ft)	$ 0.31		$ -
Valley Gutter (first 100 ft)	$ 31.25		$ -
Valley Gutter (over 100 ft)	$ 0.31		$ -
Sidewalk (first 100 ft)	$ 31.25		$ -
Sidewalk (over 100 ft)	$ 0.31		$ -
Sidewalk or Driveway Culvert (each)	$ 31.25		$ -
ADA Ramp (each)	$ 7.50		$ -
Trenching:			
Excavations less than 100 ft(no intersections	$ 195.00		$ -
Excavations 100ft - 500ft (no intersections)	$ 265.00		$ -
Excavations involving any intersection	$ 490.00		$ -
Directional Boring:			
less than 200 ft	$ 195.00		$ -
200 ft to 550 ft	$ 490.00		$ -
550 ft to 1,000 ft	$ 490.00		$ -
Involving any intersection	$ 490.00		$ -
Potholing/Coring:			
Arterial Collector Road Pavement Age 0-5 years (each)	$ 100.00		$ -
Arterial Collector Road Pavement Age 6+ years (each)	$ 75.00		$ -
Residential Road Pavement Age 0-5 years (each)	$ 75.00		$ -
Residential Road Pavement Age 6+ years (each)	$ 50.00		$ -

Schedule C - Degradation Fees	Fee	Quantity	Total Fee
Degradation:			
Arterial Collector Road Pavement Age 0-5 years (sq.ft.)	$ 1.50		$ -
Arterial CollectorRoad Pavement Age 6+ years (sq.ft.)	$ 1.25		$ -
Resdidential Road Pavement Age 0-5 years (sq.ft.)	$ 1.00		$ -
Residential Road Pavement Age 6+ years (sq.ft.)	$ 0.50	1520	$ 760.00
City Performed Restoration (actual cost plus 10%)	Actual Cost=		$ -

Schedule D - Other	Fee	Quantity	Total Fee
City Inspection Overtime	actual cost		
Haul Route/Heavy Hauler	$50 plus actual cost of necessary police support		

Base Fee	$ 524.50
Total Fees - Schedule A	$ -
Total Fees - Schedule B	$ -
Total Fees - Schedule C	$ 760.00
Total Fees - Scheduled D	$ -
Total Permit Fees	$ 1,284.50

City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, New Mexico 87114
5005 Fax (505)896-8994

Department OF Development Services Engineering Division
(In accordance with City Ordinance Chapter 96 – Use of public Right-of-way)
(To be Completed /submitted by contractor actually preforming the work)

Date of Application: 1/31/2023 ***Requested Start Date Must be at least 5 business**
Requested Work Start Date: 2/20/2023 **days after submission of complete Application***
Planned Work Completion Date: 3/3/2023 **(*Work start and end dates are Required*)**
Applicant (Contractor) Name Sunshine Plumbing and Heating Inc
Contact Person Responsible for work Shane Roland Cell# (505) 720-6505
E-mail Address: request@sunshinejumb.com
Is work for a City Contract?(Y/N). If yes, Name of city contact person
Is work for a Utility(Y/N) If yes. Name of Utility:
Address of Work: 2410 Southern Blvd SE Rio Rancho, NM 87124
Description of work Water Tap
Surface type (Dirt, Asphalt, Other) in work Zone Asphalt
If Dirt, Method of cut /trench:
New Mexico One-Call#
Traffic Control Firm: Advantage Barricade
If for Water line Extension or Sewer/Water Tap: Unit ____ Block ____ Lot____
Is Road Closure Required?(Y/ N) Is Detour Required?(Y/N)Is bond/Insurance on file (Y/N)

SCOPE OF WORK
(It is suggested that a sketch/drawing of the proposed site layout be included for clarity!)

Length of Work Zone: 20 Width of Work Zone: 20
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)
Length of Excavated Area: 10 Width of Work Zone: 2
(Along Center Line, in Feet) (#of Lanes or Other Width in Feet)

Schedule A – Barricading (check if Yes) Schedule B – Excavation/construction

Residential Sidewalk Closure	Curb Cuts(#)
Arterial/Collector Sidewalk Closure	Drive pads (#)
Arterial/Collector Bike lane Closure	Curb & Gutter (LF)
Bike Path Closure	Valley Gutter (LF)
Special Events Barricading	Sidewalk/Driveway Culvert(#)
Drop Box	Sidewalk(LF)
	ADA Ramp (#)

Haul Rout/Heavy Hauler

I certify that this application is accurate and complete:
Signature of Applicant Katarina Garcia-Weil

	Permit Type	Fee Calculation Details	Restoration Fee (Amount/Calculation)	Age of Infrastructure/ Road Associated?	Notes
Rio Rancho, NM	Cut and Excavation Fees	Curb Cut: $12 each Drive Pads: $6 each Curb and Gutter/Valley Gutter/Sidewalk: $25 for the first 100' ($0.25/foot thereafter) Sidewalk or driveway culvert: $25 each ADA Ramp: $6 each	Length of excavation in feet parallel to the centerline of the street, plus 30 feet, multiplied by the pavement width of the street in feet, divided by nine, and multiplied by $3.15.	Yes, 96.03 (I) As city practice, roads less than five years old shall not be cut, except for the repair of leaking wet utilities buried under the roadway. A list of roads which cannot be cut may be obtained from the City Engineer. The City Manager may provide a variance to this practice.	
Rio Rancho, NM	Right of Way Permit	State rights-of-way: $50. Base fee (includes first day of barricading for one lane): $50. Work on dirt roads, shoulder work on paved roads: Base fee plus $21/day.			Barricade, inspection, and other fees separate, as applicable
Glendale, AZ	Pavement Cut Permit	Fee Schedule based on age of pavement under 5 years, with base fee ranging from $2,500 for pavement 3-5 years to $4,000 for pavement less than one year. Additional fee per SY varies based on if the cut in greater or less than 200 SY.	Yes, see left.	Yes	Chapter 30 Article IV of the City of Glendale Code requires a pavement restoration fee for cutting pavement that is newer than five years old. A four-tier pavement cut rate structure is based on pavement age and size of cut. Pavement cuts include potholes, pavement damage, trenching, etc.
Glendale, AZ	Right of Way Permit	Base Fee: $126.73 Paving: $0.51 SY			

	Permit Type	Fee Calculation Details	Restoration Fee (Amount/Calculation)	Age of Infrastructure/ Road Associated?	Notes
		Manholes/Water Valve Adjustment: $57 each Curb and Gutter: $0.30 LF Valley Gutter: $0.37 SF Sidewalk: $0.08 SF Sidewalk Ramps/Driveway – Residential: $31.67 each Driveway – Commercial: $253.49 each Catch Basin/Scupper: $126.73 each			
Phoenix, AZ	Civil Pavement Restoration (CPR) Permit (pavement cut)	Minimum fee of $300		PAVEMENT CUT TO NEW STREET. Except for a single pavement cut of two square feet or less made as part of a single permit, if a pavement cut is made to a new street (newly designed and built which is 24 months and younger), all of the following requirements apply: 1. The permittee must apply an asphalt mill and overlay/inlay pavement treatment to the full width of all impacted lanes of an arterial, collector, or local street as a result of the cut(s). The treatment must extend a minimum of 25 feet in both	Allows for payment in lieu of performing work

	Permit Type	Fee Calculation Details	Restoration Fee (Amount/Calculation)	Age of Infrastructure/ Road Associated?	Notes
				directions from the pavement cut(s); and 2. The permittee must apply a slurry seal pavement treatment to the half width of an arterial or collector street, or the full width of a local street. The treatment must extend a minimum of 25 feet in both directions from the pavement cut(s). PAVEMENT CUT TO STREET OTHER THAN NEW STREET. If a pavement cut of any size is made to a street other than a new street, the permittee must apply a slurry seal pavement treatment to the half width of an arterial or collector street, or the full width of a local street. The treatment must extend a minimum of 25 feet in both directions from the pavement cut(s). 1. For purposes of this section only, the permittee must apply Type IV slurry seal to an arterial or collector street, or Type III slurry seal to a local street.	
Colorado Springs, CO	Boring Permit (Excavation Permit Fee)	Non-telecommunication and telecommunication providers listed separately, but fees are the same: Less than 200 ft.: $195.00 200 ft. to 550 ft.: $490.00		Pavement Degradation Fees: Non-Telecommunication Provider- Non-cable Operator / Telecommunication Provider - Cable Operator	Other fees: Inspection Overtime Fee (per hour): $56.41 Re-inspection (re-do): $35.12 No permit for the job: 2 x permit

	Permit Type	Fee Calculation Details	Restoration Fee (Amount/Calculation)	Age of Infrastructure/ Road Associated?	Notes
		550 ft. to 1,000 ft.: $490.00 Involving intersection: $490.00 Core/soil samples: $195.00		Arterial/Collector Pavement Age 0-5 years (Sq. Ft.): $3.87 / $3.76 Arterial/Collector Pavement Age 6-20 years (Sq. Ft.): $2.76 / $2.65 Residential Pavement Age 0-5 years (Sq. Ft.): $3.32 / $3.21 Residential Pavement Age 6-20 years: $2.76 / $2.65	Second no permit for the job: 3 x permit
Los Angeles, CA	E-Permit “The E-Permit is issued to entities with the authority to occupy the public right-of-way under a City or State Franchise Agreement, a Certificate of Public Convenience and Necessity from the State Public Utilities Commission, or some other legal authority. In general, U-Permits are issued to utility companies only.”	≤ 1,000 sq. ft.: $438.00 > 1,000 sq. ft.: Actual Cost	Street Damage Restoration Fee: Local: Resurfaced/reconstructed street designations, per sq. ft., and applies to an area that equal the length and width of the excavation cut plus 5 feet on all sides of the excavation: $8.24/sq. ft. Select: Resurfaced/reconstructed street designations , per sq. ft., and applies to an area that equal the length and width of the excavation cut plus 5 feet on all sides of the excavation: $19.44/sq. ft. Concrete: For any excavation on a concrete street, full slab replacement is required in lieu of paying the fee: Actual Costs		Inspection Charges - General Excavation (Bureau of Contract Administration) 1-99 sq. ft.: $114.00 100-1,000 sq. ft.: $2.20/sq. ft. > 1,000 sq. ft.: Actual Cost “Actual Cost Permits. The fee to process a (U) or (E) excavation permit for an excavation of more than 1,000 square feet in area, or to process a (U) or (E) excavation permit for an excavation of 1,000 square feet or less in area where the Bureau of Engineering determines that due to the complexity of the permitted work it would cost more to issue and administer a permit than would be collected pursuant to the provisions of Subdivision 1. of this subsection, is the actual cost of services provided by the City for issuance and oversight of the

	Permit Type	Fee Calculation Details	Restoration Fee (Amount/Calculation)	Age of Infrastructure/ Road Associated?	Notes
					permit and the permitted project, except for costs that may be incurred by a Proprietary Department subject to the provisions of Article VI of the City Charter, and except for the Street Damage Restoration Fee and the Slurry Seal Damage Restoration Fee. The actual cost determination shall include, but not be limited to, all direct and indirect labor costs, retirement and overhead costs, costs for plan checking and engineering services, project inspection costs, and the costs of testing materials. Before the Bureau of Engineering may issue a permit subject to the provisions of this subdivision, the applicant must deposit with the Bureau an amount that the Bureau estimates will be the actual costs owed pursuant to the provisions of this subdivision."
Albuquerque, NM	Excavation Permit (not to exceed 660')	Base fee: $42.00 Curb Cuts: $12.00 each Drive Pads: $6.00 each Curb & Gutter: $25.00 for the first 100' ($0.25/foot there after) Valley Gutter: $25.00 for the first 100' ($0.25/foot there after) Sidewalk: $25.00 for the first 100' ($0.25/foot there after) SO 19 (Sidewalk Culvert): $25.00	Length of excavation in feet parallel to the centerline of the street, along the street plus 30 feet multiplied by the paved width of the street in feet, divided by 9 and multiplied by $3.15.	Yes. Restoration fees are required on any street which has been newly constructed or has received major reconstruction or maintenance within the past five years.	

	Permit Type	Fee Calculation Details	Restoration Fee (Amount/Calculation)	Age of Infrastructure/ Road Associated?	Notes
		ADA Ramp: $6.00			
Las Cruces, NM	Right of Way Permit	Right-of-Way Fees for Franchisees and Licensees Maintenance work in ROW or aerial work: $0.00 New underground work in ROW (only value of trenching/boring/etc.): 5% of value	No	No	Some other admin or inspection fees may apply Each violation is on offense, and each day is a separate offense



Pavement Trench Cut Fee
Final Report

NCE Project No. 289.14.30
Feb 2022

NCE
Fountain Valley, CA
17050 Bushard St #200
Fountain Valley, CA 92708



City of Anaheim
Public Works Department
200 South Anaheim Blvd
Anaheim, CA 92805

Collaboration. Commitment. Confidence.℠

Final Report

Pavement Trench Cut Fee

Anaheim, CA

Feb 2022

Prepared for:

City of Anaheim
Public Works Department
200 South Anaheim Blvd
Anaheim, CA 92805

Prepared by:

Sharlan Montgomery Dunn, Ph.D., P.E.
Project Engineer

Margot Yapp, P.E.
Principal-in-Charge

NCE
17050 Bushard St #200
Fountain Valley, CA 92708
(714) 848-8897

NCE Project No. 289.14.30

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Executive Summary

The purpose of this study was to assess and quantify pavement damage caused by utility cuts in the City of Anaheim (City) and to develop an appropriate fee schedule for the City to recover any costs associated with such damage.

To accomplish this, NCE evaluated both the structural and functional damage at 20 test sites with varying functional classes and pavement ages within the City, and reviewed typical street cut permits. The structural evaluation compared deflection measurements and required overlay thicknesses while the functional evaluation compared PCIs and corresponding percent reductions in pavement life.

Key findings of the study include:

- Sixty-five percent of test sites exhibited structural damage in the cut or zone of influence.
- Forty-five percent of test sites needed an average additional overlay thickness of 3.1 inches in the cut or zone of influence to compensate for structural damage.
- On average, the PCI of sections with utility cuts was approximately 20 points lower than those without cuts.
- The average percent reduction in service life due to cuts was 21.3 percent.
- Pavements with higher PCIs experienced more functional damage than pavements with lower PCIs.
- Recommended fees were based on functional damage costs for pavements with PCIs greater than 65 or less than 55 and structural damage costs for pavements with PCIs between 55 and 65.

These findings informed the development of a utility cut damage fee schedule for the City of Anaheim, which is provided in the following table.

PCI	Fee	
	Trench or Bore Pit ($/SF)	Pothole ($/EA)
> 65	$8.40	$69.30
55 to 65	$11.60	$95.70
< 55	$3.60	$29.70

The information required to implement this fee includes the PCI at the time of cut, the trench and/or bore pit area and the number of potholes. Note that the pothole fee should only be included for potholes relating to boring activities. NCE recommends that the fee schedule be indexed based on inflation and adjusted annually to reflect changing repair costs.

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1 Introduction

Utility companies often need to cut existing pavements to install, access, and service underground equipment. Ideally, all underground utility maintenance would be performed prior to pavement rehabilitation or reconstruction so that new pavement structures will not be cut. However, despite the best coordination, utility cuts cannot always be avoided; unanticipated work is often required to maintain essential public services.

With this in mind, local agencies have sought answers to the following questions:

- How do utility cuts affect pavement performance?
- If pavement performance is reduced, what is the corresponding financial impact?

To answer these questions, public agencies and utility companies have sponsored engineering investigations and studies (Todres and Baker 1996). Although some of these are available for review, many such studies are performed in-house or by consulting companies and are therefore unpublished or difficult to access. In addition, the impact of utility cuts on pavement performance can vary significantly based on site- and agency-specific information.

The purpose of this study was to assess and quantify pavement damage caused by utility cuts in the City of Anaheim (City) and to develop an appropriate fee schedule for the City to recover any costs associated with such damage.

1.1 DAMAGE MECHANISMS

The impact of utility cuts on pavement performance can vary significantly depending on a variety of factors, such as:

- Existing pavement condition, structure, and age
- Location, orientation, and extent of the utility cut
- Environmental factors
- Traffic loads
- Restoration practices and standards

Furthermore, quantifying utility cut impacts also depends on local maintenance treatments and costs. Therefore, to really understand the impact of utility cuts on roadway performance for a particular agency, a site-specific study and analysis must be performed.

Underground utility work can damage pavements in three general ways, as illustrated in Figure 1. First, cutting a pavement structure creates an entry point for water, which can damage the underlying pavement layers. Second, removing pavement layers creates a plane of weakness where the pavement structure may not be adequately supported laterally – particularly during underground utility

maintenance, but also after restoration. This lack of lateral support can cause the trench sidewalls to bulge into the trench and weaken the material under the existing pavement. This weakened area is known as the zone of influence. Third, repairing the pavement can introduce roughness if the quality of the repair does not closely match the adjacent pavement structure. Rough pavements can cause vehicles to bounce, which creates greater loads on the pavement and leads to more rapid deterioration (Tarakji 1995, Wilde et al. 2002).

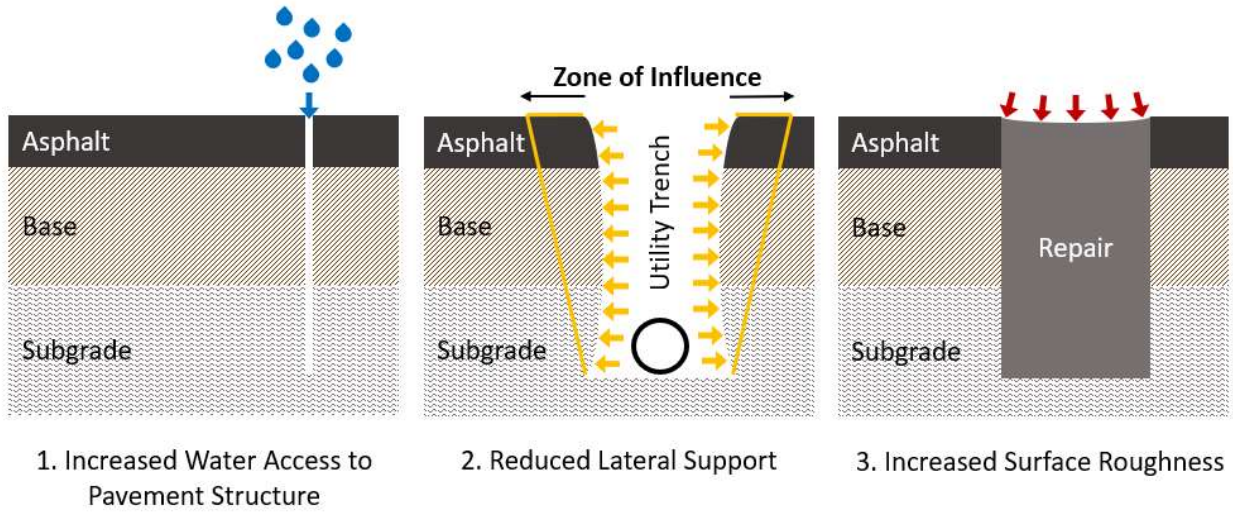


Figure 1. Utility Cut Damage Mechanisms

These damage mechanisms can reduce the condition and structural capacity of a pavement, which reduces the pavement life within and adjacent to the utility cut (Stevens et al. 2010). Multiple utility cuts on the same street or within a small area can magnify this impact (San Francisco Department of Public Works 1998, Tarakji 1995).

1.2 LITERATURE REVIEW

In previous studies, researchers have used deflection testing, condition surveys, and statistical analyses to quantify the impact of utility cuts on pavement performance. The performance impacts are typically expressed as a loss of structural capacity and/or a decrease in pavement condition. Results have shown that utility cuts can reduce pavement life by 15 to 55 percent, which consequently costs local agencies millions of dollars in premature street repair and remediation expenses. Studies have also shown that underground utility work affects not only the excavated area, but often weakens the adjacent pavement. The affected area, or zone of influence, varies based on agency and location but may extend as much as 4 to 5 feet beyond the edge of the cut.

To help restore some of the lost structural capacity and pavement life caused by cutting pavement, many agencies have put restoration standards in place.

Restoration standards in California typically include a T-Cut along with a restoration treatment that may be as extensive as treating the full lane for the entire affected block with a thin mill and overlay or surface seal.

The City of Anaheim's current restoration Standard Detail 132 requires utility cuts be repaired with a T-Cut. In general, for arterial streets, a 2-inch T-Cut mill and overlay extends widthwise to the edge of the affected travel lane and a minimum of 15 feet beyond the beginning and ending trench edges. For local streets, the restoration treatment is either a 2-inch mill and overlay or a slurry seal, depending on the pavement condition index (PCI). The mill and overlay T-Cut generally extends widthwise 12-inches beyond the edge of the trench and 15 feet beyond the beginning and ending trench edges. The slurry seal is applied from curb to curb and includes crack cleaning and sealing prior to application.

To recover the cost of pavement damage associated with performing underground utility work, many agencies impose utility cut fees. In California, these fees are typically based on factors such as functional classification, pavement age, PCI, and/or utility cut depth and orientation (longitudinal or transverse).

Although a utility cut study was previously performed for the City of Anaheim in 1994 (IMS 1994), a pavement cut fee schedule was not implemented.

Appendix A provides a detailed literature review of previous studies on the impact of utility cuts on pavement performance, as well as additional details gathered from California agencies on restoration standards and other policies established to address pavement degradation caused by utility cuts.

2 Technical Approach

The impact of utility cuts on pavement performance can be quantified in two forms:

1. Structural deterioration – reduced pavement strength
2. Functional deterioration - shortened pavement service life

Since utility cuts can cause damage to pavements both structurally and functionally, both types of evaluations are crucial in developing a fee to compensate for appropriate damages. Therefore, for this study parallel quantification and analysis of both structural and functional deterioration were used to identify in-situ damage and inform the development of an appropriate utility cut fee schedule. The flowchart shown in Figure 2 outlines the study methodology.

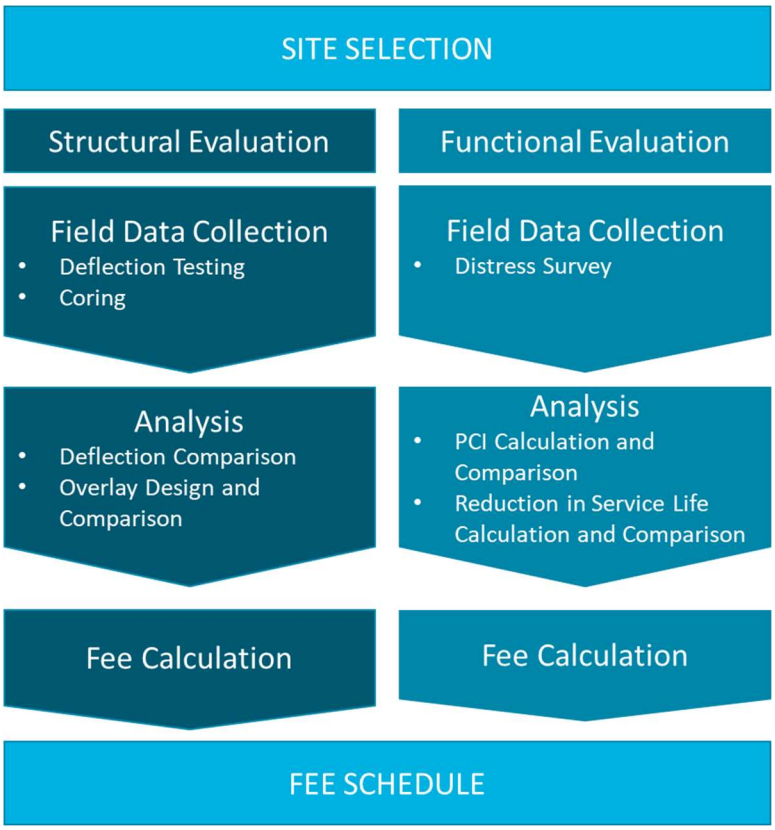


Figure 2. Study Methodology

Field data were collected at 20 sites throughout the City. As shown in Figure 3, each test site included a section with a utility cut and an adjacent section without a cut (hereinafter referred to as a "no-cut" section). The cut and no-cut test sections were typically 100 feet long and one or more lanes wide and were located as close to each other as reasonably possible, considering other cut locations and traffic-control needs.

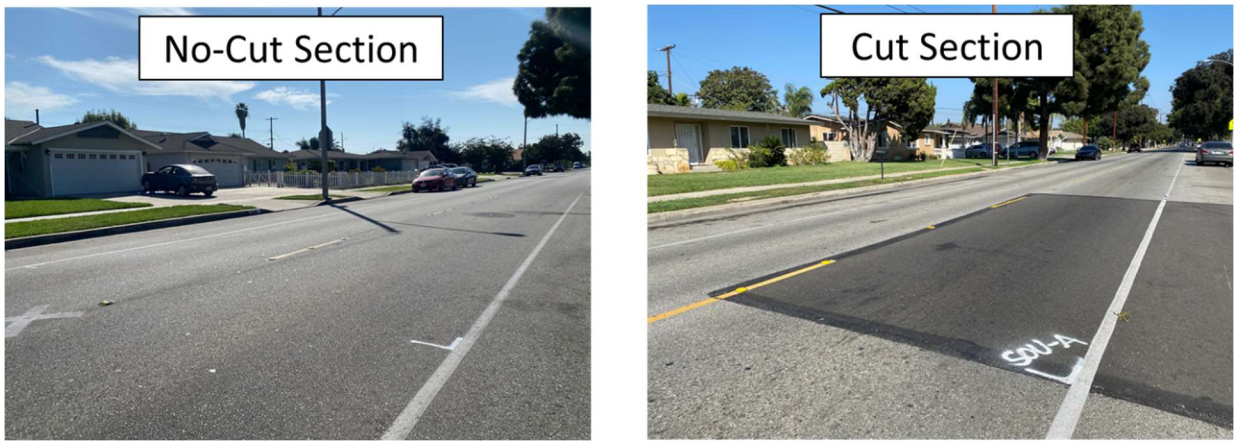


Figure 3. Example Test Site

To ensure the results would be generalizable and representative of City streets, the test sites were selected to include a balanced representation of all functional classifications (arterial, collector, and residential) and cover a wide range of pavement ages at the time of the cut. Table 1 lists the breakdown of test sites by functional classification and pavement age at the time of cut.

Table 1. Experimental Matrix

Functional Class	Pavement Age at Time of Cut (Years)	No. of Test Sites
Arterial	0-5	2
	6-10	2
	11-15	2
	>15	1
Collector	0-5	2
	6-10	-
	11-15	2
	>15	2
Residential	0-5	2
	6-10	2
	11-15	2
	>15	1
Total		**20**

3 Structural Evaluation

The relative loss of structural capacity caused by utility cuts can be evaluated by comparing the deflection measurements and required overlay thicknesses of similar sections (i.e., the same pavement structure, traffic demands, environmental conditions) both with and without cuts. Pavements with higher deflection measurements represent weaker pavement structures. Weaker pavement structures require thicker overlays, thus increasing the cost of rehabilitation.

The following subsections present the process and results involved in collecting, analyzing, and comparing deflection measurements and required overlay thicknesses during the structural evaluation portion of this study. These data were then used to develop a fee structure to recover the costs of the structural damage to pavements caused by utility cuts.

3.1 FIELD DATA COLLECTION

At each set of test sites (cut and no-cut sections), NCE performed falling weight deflectometer (FWD) testing in general accordance with the California Test Method 356 (Caltrans 2013). During testing, the FWD delivered a nominal 9,000-pound impulse load to the pavement surface and measured the resulting pavement response in terms of deflection using a geophone directly under the load. A minimum target of 21 deflection measurements were taken at each of three measurement locations, as shown in Figure 4:

a) Within the no-cut section
b) Two feet from the edge of the cut (within the zone of influence)
c) Within the cut section



Figure 4. FWD Testing Layout

Since the City's restoration Standard 132 requires a full lane-width restoration on arterials, the exact edge of the trench at the test sites was unknown. NCE therefore performed deflection testing 2 feet from the edge of the cut to see if structural damage was occurring outside the restoration area.

Additionally, coring was performed within the no-cut section and the original asphalt concrete (AC) thickness was measured.

3.2 DEFLECTION RESULTS

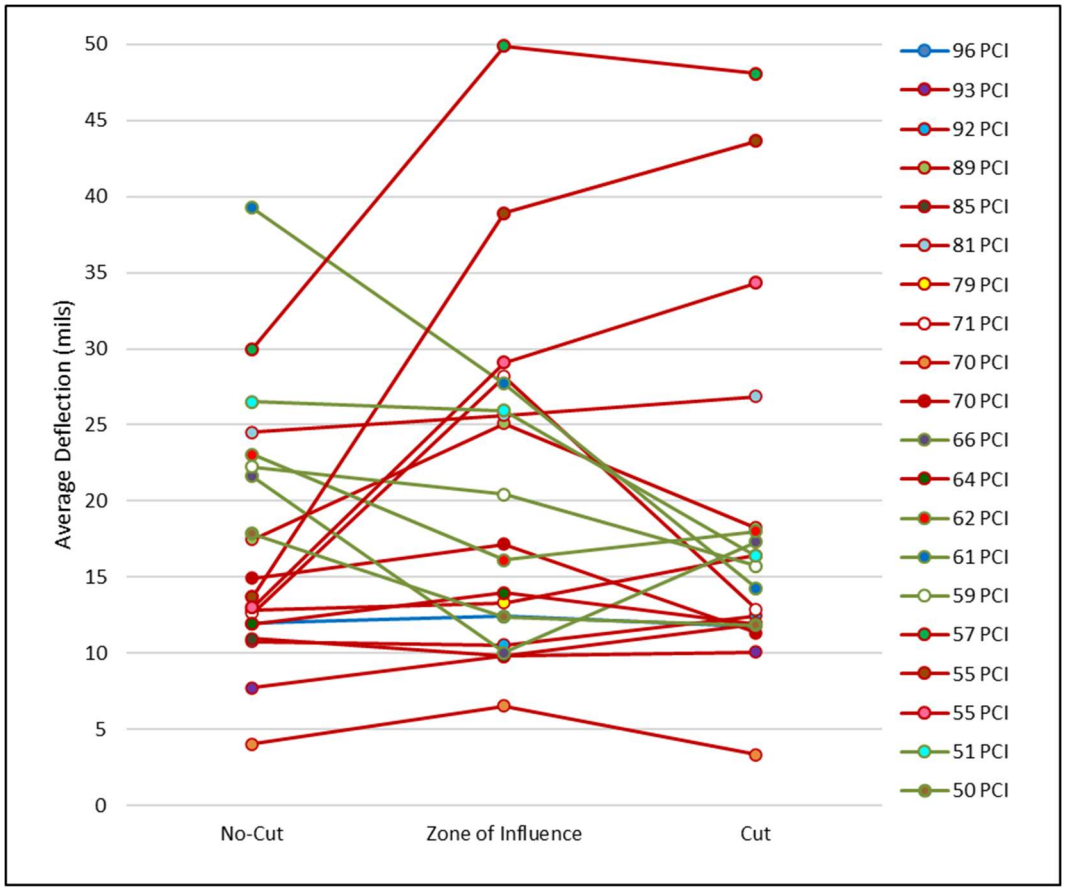
Comparing the deflection data across the 3 measurement locations identifies the relative loss of structural capacity resulting from the presence of utility cuts. For example, a section exhibiting damage due to a cut would have higher deflections in the cut or zone of influence than in the no-cut section.

Figure 5 shows the average measured deflections for each test site organized by the PCI of the site's no-cut section (see section 4 for more information on no-cut PCI). Sections exhibiting damage due to cuts are represented by red lines. Green lines represent sections where the deflections in the cut and zone of influence were lower than the deflections in the no-cut section, meaning the repair and restoration were performing well at the time of testing. The one blue line represents a test section with no significant difference in the average deflections between the three measurement locations at the time of testing.

Based on the deflection data, 65 percent of test sites showed structural damage in the cut or zone of influence (red lines in Figure 5), 30 percent of test sites showed a structural improvement in both the cut and zone of influence compared to the no-cut section (green lines in Figure 5), and 5 percent of sites showed no discernable structural difference between the three measurement locations (blue line in Figure 5).

Analysis of the deflection data revealed no significant difference or trends based on functional classification or pavement age at the time of cut. However, analysis of the deflection data based on the PCI of the no-cut section resulted in three trends:

1. Test sites with a no-cut PCI greater than 65 exhibited a negative effect – sections showed damage due to utility cuts.
2. Test sites with a no-cut PCI between 55 and 65 exhibited a mixed effect – some sections showed damage due to cuts while others did not.
3. Test sites with a no-cut PCI less than 55 exhibited a positive effect – the restoration of the cut was performing equally well or better than the no-cut section.



Red: Cut or zone of influence with higher deflections than no-cut
Green: Cut and zone of influence with lower deflections than no-cut
Blue: No significant difference

Figure 5. Deflection Trends Organized by No-Cut PCI

3.3 REQUIRED OVERLAY THICKNESS

The required overlay thickness for each of the three measurement locations (no-cut, zone of influence, and cut) were calculated for each test site per the California Department of Transportation's (Caltrans) *Highway Design Manual* (Caltrans 2018). Design inputs were as follows:

- Traffic Index (TI) (based on information provided by the City)
  - Arterials – 9.5
  - Collectors – 8.5
  - Residentials - 6.5
- Existing AC thickness
  - No-cut – Measured core thickness
  - Zone of influence – Measured core thickness
  - Cut – Measured core thickness +1 inch (based on the City's restoration standard detail 132)
- Deflection data obtained through FWD testing (see Section 3.2)

Tables summarizing the deflection data as well as the overlay calculations are provided in Appendix B.

Two examples of sections exhibiting damage due to utility cuts are provided. Note that if a cut damages a pavement structure, then the cut and/or zone of influence will require a thicker overlay than the no-cut section. Figure 6 shows the results for Briarvale Avenue, where the cut and zone of influence would need 4.8-inch and 4.2-inch overlays, respectively, to meet structural capacity for a TI of 6.5. In contrast, the no-cut section would require only a 0.1-inch overlay.

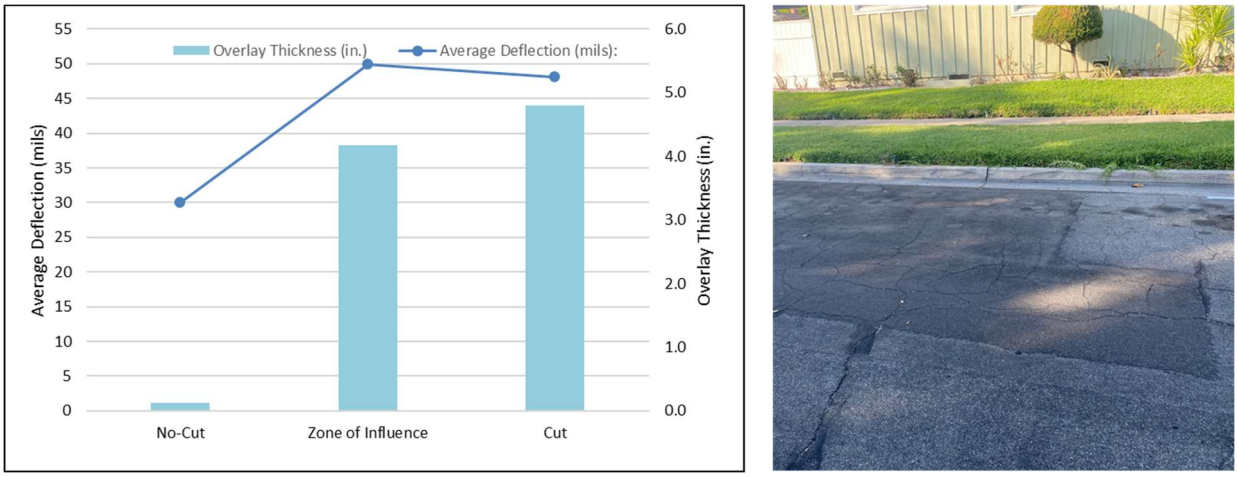


Figure 6. Deflection and Required Overlay Thickness for Briarvale Avenue

Figure 7 shows the results for Magnolia Avenue, where the no-cut section would need an overlay of 0.6 inches, while the zone of influence and cut would need overlays of 1.5 and 4.2 inches, respectively, to satisfy structural capacity for a TI of 9.5.

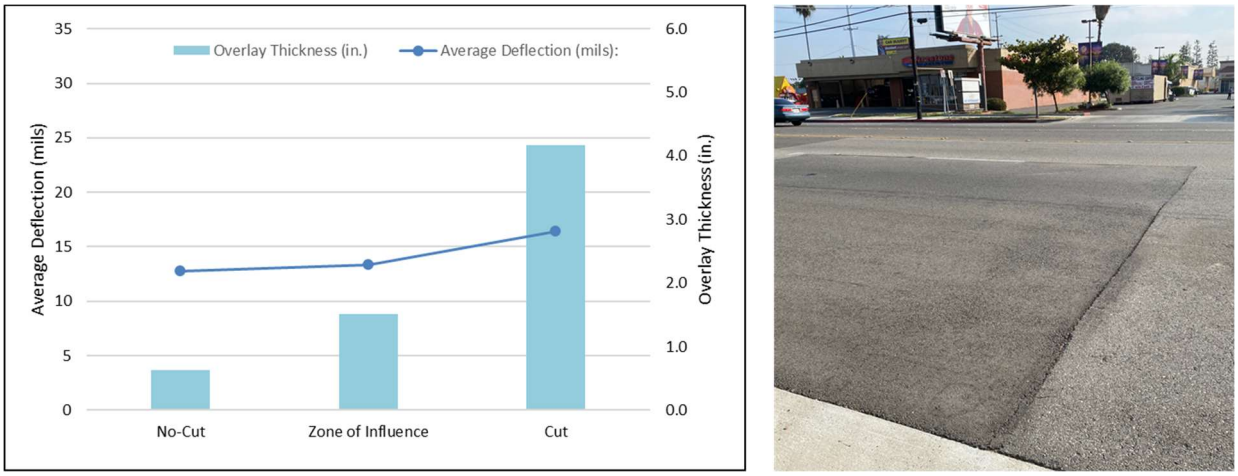


Figure 7. Deflection and Required Overlay Thickness for Magnolia Avenue

Figure 8 summarizes the differences in overlay thickness between the no-cut section and the maximum value of either the cut or zone of influence for all test sites. The data are organized by the PCI of the no-cut section.

- Red bars indicate test sections that required a thicker overlay to compensate for a loss in structural capacity at the cut or zone of influence compared to the no-cut section.
- Green bars indicate that the repaired cut was performing better than the no-cut section.
- PCI values shown without bars indicate that no overlay thickness was required for that section per Caltrans HDM at any of the measurement locations.

It was observed that 45 percent of the sites would need an average of 3.1 inches of additional overlay in the cut or zone of influence to compensate for the loss in structural capacity due to utility cuts.

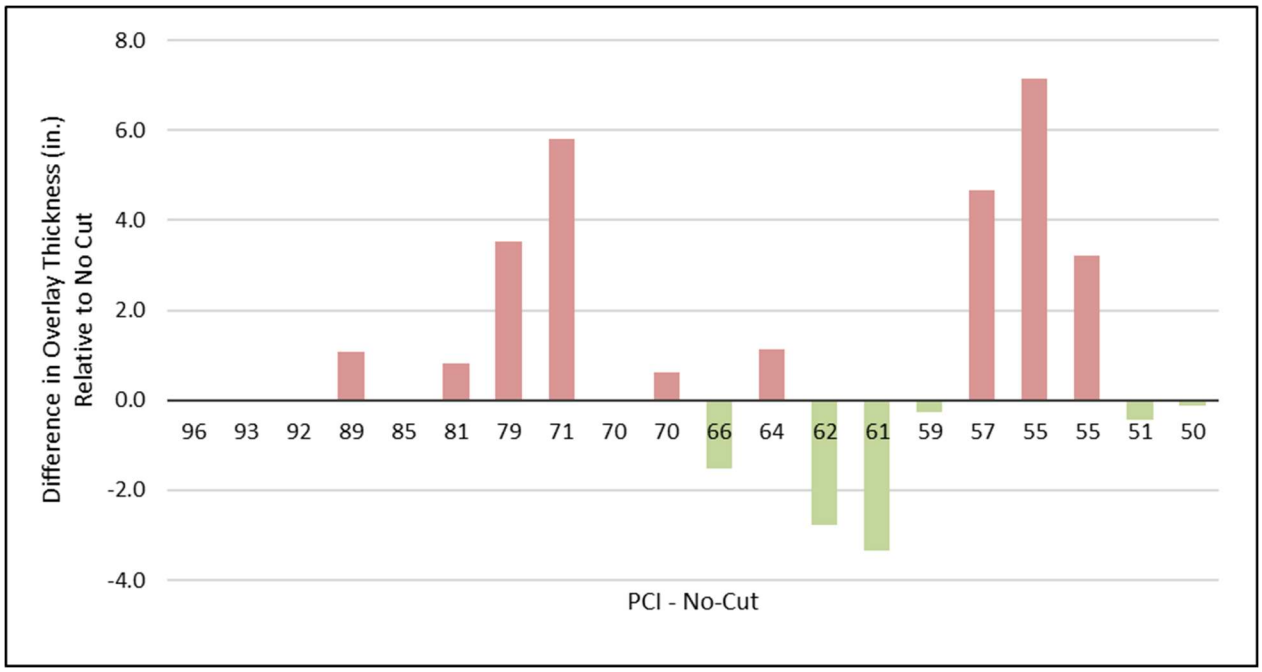


Figure 8. Differences in Overlay Thickness

3.4 FEE CALCULATION

Table 2 lists the additional required overlay thickness for all test sites, which represents the difference between the required overlay thickness for the no-cut section and the maximum required overlay thickness at the cut or zone of influence. The additional required overlay thickness is zero if no overlay was required at any of the measurement locations (no-cut, zone of influence, and cut)

or if both the cut and zone of influence were performing better than the no-cut section.

The cost of the additional required overlay thickness, also provided in Table 2, was calculated using the following typical costs, which were based on recent rehabilitation projects performed in the City:

- Hot Mix Asphalt: $80 per ton
- Cold Plane Milling: $0.30 per square foot
- Other Costs (e.g. concrete repairs, ADA upgrades): 65% of mill and overlay costs
- Design/Engineering/Contingency: 30% of mill and overlay costs

Table 2. Additional Overlay Cost

Site ID	Functional Classification	PCI No-Cut	Add'l Overlay Thickness* (in.)	Add'l Overlay Cost ($/SF)
CAM	Residential	96	0.0	-
IRV	Residential	93	0.0	-
GIB	Collector	92	0.0	-
KAI	Residential	89	1.1	$1.74
SOU	Collector	85	0.0	-
BRO	Arterial	81	0.8	$1.47
MAG	Arterial	79	3.5	$4.38
ANA	Arterial	71	5.8	$6.82
NOH2	Arterial	70	0.0	-
MIR	Collector	70	0.6	$1.26
OLI	Collector	66	0.0	-
KNO	Arterial	64	1.1	$1.80
NOH	Arterial	62	0.0	-
TER	Residential	61	0.0	-
SAN	Collector	59	0.0	-
BRI	Residential	57	4.7	$5.60
LAP	Arterial	55	7.1	$8.24
MID	Residential	55	3.2	$4.04
VAN	Collector	51	0.0	-
WIN	Residential	50	0.0	-

*Difference between overlay thickness of no-cut section and maximum of cut or zone of influence.

Table 3 presents a tiered fee schedule for all City streets based on the structural evaluation. These fees represent the average of the additional overlay costs for each of the three identified PCI ranges.

Table 3. Tiered Utility Cut Fee Schedule Based on Structural Evaluation

PCI	Fee ($/SF)
> 65	$1.42
55 to 65	$2.81
< 55	-

4 Functional Evaluation

Functional deterioration is evaluated in terms of the Pavement Condition Index or PCI, which ranges from 0 to 100. Pavement in excellent condition has a PCI above 85, pavement in good condition has a PCI between 70 and 84, pavement in fair condition has a PCI between 50 and 69, pavement in poor condition has a PCI between 25 and 49, and pavement in failed condition has a PCI below 25.

The PCI is calculated from pavement distress data collected through visual inspection surveys. The degree of pavement deterioration is affected by the types of distresses present as well as their severity and quantity. A section exhibiting functional deterioration due to a utility cut will have a PCI lower than that of its paired no-cut section.

The following subsections present the process and results involved in the functional evaluation portion of this study, including collecting distress data, calculating and comparing the PCI values for the cut and no-cut sections, and calculating and comparing the corresponding reductions in service life. These data were then used to develop a fee structure to recover the costs of functional damage to pavements caused by utility cuts.

4.1 FIELD DATA COLLECTION

At each set of test sites in the City, NCE performed separate distress surveys for the cut and no-cut sections. Distress surveys were performed in accordance with ASTM D6433 (ASTM 2020) and included identification of each distress type and severity, as well as a measurement of the extent. The PCIs for both the cut and no-cut sections were then calculated per ASTM D6433.

4.2 PCI RESULTS

Table 4 lists the calculated no-cut and cut PCIs for all test sites. At all locations the no-cut PCI was higher than the cut PCI, thus indicating the presence of functional deterioration due to cuts at all test sites. This trend is illustrated in Figure 9, which shows the cut PCI compared to the no-cut PCI with a diagonal line illustrating a one-to-one relationship, which all data points lie above.

On average, the PCI of the no-cut sections was 70.3, while the average PCI of the cut sections was 50. This drop in PCI is in part due to the presence of the cut but is also contributed to by additional longitudinal and transverse cracking and fatigue cracking near the cut. On average, the sections with cuts had nearly 1 percent more fatigue cracking than the sections without cuts. Figure 10 shows propagating longitudinal and transverse cracking near the patch on Knott Avenue.

Table 4. PCI Data

Site ID	Functional Classification	PCI_{No-Cut}	PCI_{Cut}
BRO	Arterial	81	65
NOH		62	40
KNO		64	57
MAG		79	59
LAP		55	33
NOH2		70	59
ANA		71	50
SAN	Collector	59	47
MIR		70	48
GIB		92	75
SOU		85	75
OLI		66	59
VAN		51	44
TER	Residential	61	53
KAI		89	75
MID		55	51
BRI		57	41
CAM		96	89
WIN		50	39
IRV		93	72

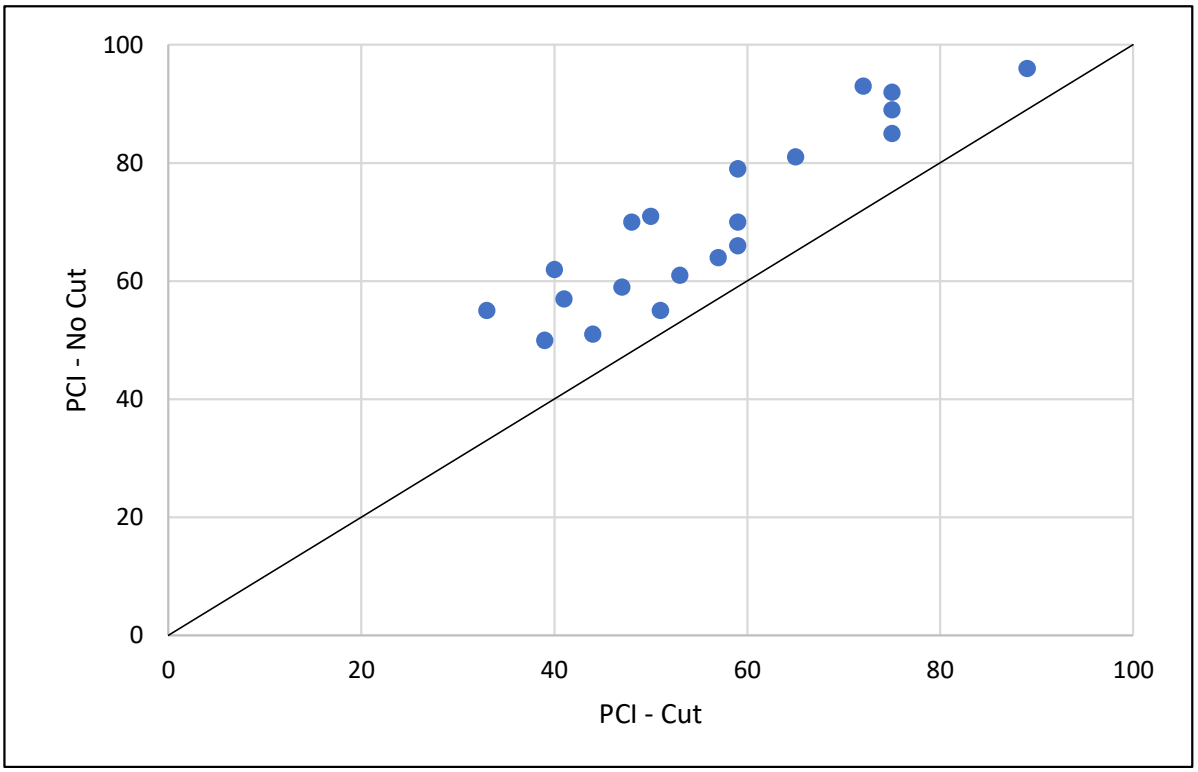


Figure 9. Comparison of No-Cut and Cut PCIs



Figure 10. Propagating Cracks Near Patch on Knott Avenue

As in the structural evaluation, functional class and pavement age at the time of cut were not significant predictors of the difference between the cut and no-cut PCIs in the functional evaluation.

4.3 REDUCTION IN SERVICE LIFE

A reduction in PCI corresponds to a reduction in remaining service life (RSL) of a pavement. A pavement's RSL is the number of years until it falls into failed condition (i.e., a pavement's RSL reaches zero when the PCI drops below 25). Based on the AC family deterioration curves in StreetSaver® (a pavement management decision-support tool used by the City), shown in Figure 11, arterials have a total service life of approximately 26 years, collectors have a total service life of 30 years, and residentials have a total service life of 34 years.

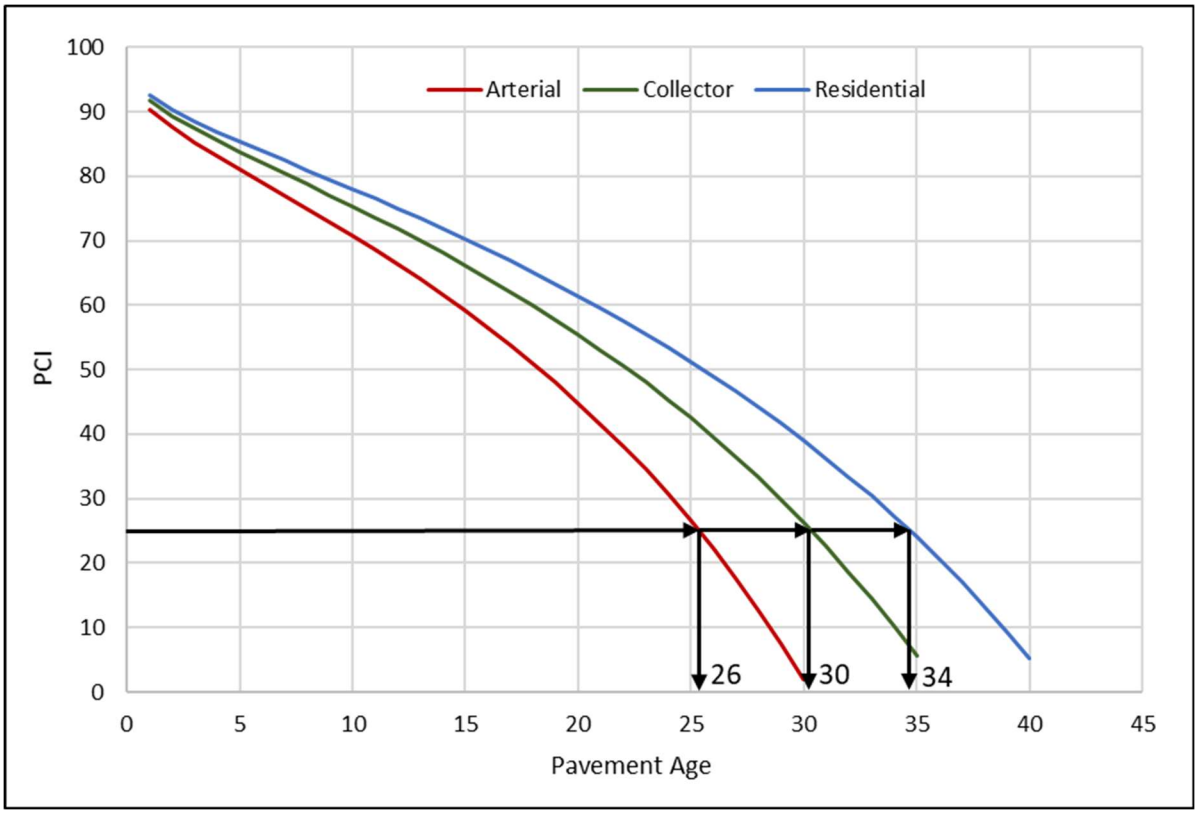


Figure 11. Pavement Deterioration Curves for Streets in Anaheim

For each test site, the percent reduction in service life due to utility cuts was estimated using the StreetSaver® family deterioration curves. For example, Briarvale Avenue, a residential street with no cuts had a PCI of 57, which corresponds to an effective pavement age of 22 years. In contrast, the paired section that had been cut had a PCI of 41, which corresponds to an effective pavement age of 29 years. Consequently, the service life of the pavement was reduced by approximately 7 years by cutting the pavement. This corresponds to a reduction in service life of 20.6 percent (7 years/34 years). This calculation was performed for all test sites and the resulting percent reductions in life were plotted relative to the PCIs of the no-cut sections (See Figure 12).

The percent reduction in service life ranges from 5.9 to 38.2 percent and has an average value of 21.3 percent. As shown in Figure 12, the data exhibit an increasing trend – as the PCI of the no-cut, or original pavement, increases, the reduction in service life also increases. This means more functional damage is done to pavements that are in good condition than to those that are in worse condition.

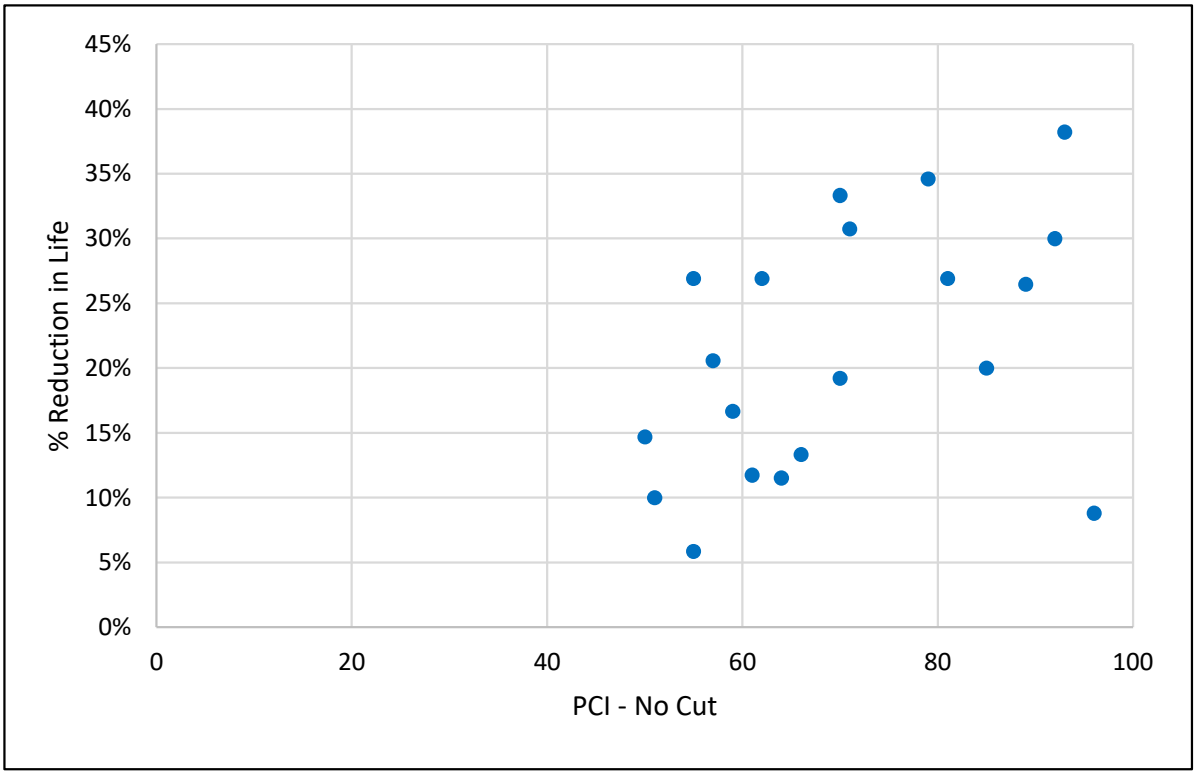


Figure 12. Pavement Deterioration Curves for Streets in Anaheim

4.4 FEE CALCULATION

To quantify the cost impacts of the reduction in service life due to cuts, the estimated percent reduction in life was multiplied by typical pavement reconstruction costs for the City, which were obtained from the City's recently updated pavement management decision tree[1]:

- Arterials: $8.78 per square foot
- Collectors: $8.22 per square foot
- Residentials: $6.33 per square foot

For example, Briarvale Ave (site ID BRI), had a 20.6 percent reduction in service life. For a residential street, the typical cost of pavement reconstruction is $6.33 per square foot. Therefore, the cost corresponding to the reduction in service life

[1] A pavement management decision tree maps out the City's typical maintenance and rehabilitation treatment strategies by functional class and pavement condition.

due to the cut is $1.30 per square foot (0.206*6.33). Table 4 presents the percent reduction in life due to cuts and the corresponding equivalent cost.

Table 5. Percent Reduction in Life and Corresponding Equivalent Cost

Site ID	Functional Classification	$PCI_{No\text{-}Cut}$	Reduction in Life (%)	Reduction in Life Cost Equivalent ($/SF)
CAM	Residential	96	8.8	$0.56
IRV	Residential	93	38.2	$2.42
GIB	Collector	92	30.0	$2.47
KAI	Residential	89	26.5	$1.68
SOU	Collector	85	20.0	$1.64
BRO	Arterial	81	26.9	$2.36
MAG	Arterial	79	34.6	$3.04
ANA	Arterial	71	30.8	$2.70
NOH2	Arterial	70	19.2	$1.69
MIR	Collector	70	33.3	$2.74
OLI	Collector	66	13.3	$1.10
KNO	Arterial	64	11.5	$1.01
NOH	Arterial	62	26.9	$2.36
TER	Residential	61	11.8	$0.75
SAN	Collector	59	16.7	$1.37
BRI	Residential	57	20.6	$1.30
LAP	Arterial	55	26.9	$2.36
MID	Residential	55	5.9	$0.37
VAN	Collector	51	10.0	$0.82
WIN	Residential	50	14.7	$0.93

Table 6 presents a tiered fee schedule for all City streets based on the functional evaluation. These fees represent the average of the service life reduction for each of the three PCI ranges identified (Section 3.2).

Table 6. Tiered Utility Cut Fee Schedule Based on Functional Evaluation

PCI	Fee ($/SF)
> 65	$2.04
55 to 65	$1.36
< 55	$0.88

5 Fee Implementation

Since utility cuts can cause damage to pavements both structurally and functionally, both types of evaluations are crucial in developing a fee to compensate for appropriate damages. Table 7 lists the tiered fee schedules resulting from the structural and functional evaluations previously discussed. To compensate for both forms of damage to the pavement from utility cuts, the maximum fee in each PCI range is recommended with the fee rounded up to the nearest 10 cents. This yields the farthest column on the right in Table 7. As indicated, fees for pavements with a PCI greater than 65 and less than 55 are based on functional damage while fees for pavements with PCIs between 55 and 65 are based on structural damage.

Table 7. Tiered Fee Schedule Based on Structural and Functional Evaluation

PCI	Proposed Fee ($/SF)		
	Structural Evaluation	Functional Evaluation	Recommended
> 65	$1.42	$2.04	$2.10
55 to 65	$2.81	$1.36	$2.90
< 55	-	$0.88	$0.90

It is important to note that structural and functional damage does not occur linearly or with respect to each other. For example, in the City, less structural damage occurs when cuts are made to pavements in good condition (the existing pavement withstands the lack of lateral support better) and when poor pavements are cut (significant structural life is already used such that the repair and restoration practices followed by the City may add structural capacity to the pavement). Fair pavements receive the most structural damage.

To account for all damage done to a pavement by a cut, the recommended fees should be multiplied by the area of cut pavement as well as the area surrounding the cut pavement within the zone influence.

However, to simplify the implementation process, the City was interested in a damage fee that could be multiplied by the cut area only. To support this modification, Right of Way Construction Permits (RCP) were reviewed for 3 months within the last 3 years. The months were selected by the City as representative of typical months. Table 8 lists the total number of RCPs received in the selected months as well as the narrowed scope of RCPs that only pertained to cutting the streets for utility work.

Table 8. RCP Breakdown by Month and Street Cut

Month	Total RCPs Received	Street Cut RCPs
April 2019	201	14
Jun 2020	137	49
May 2021	112	20
Total	**450**	**83**

Of the 83 RCPs identified as street cuts, 10 were for trenches only; 12 were for trenches with potholes; 6 were for borings only; 49 were for borings with potholes; 5 were for trenches, borings, and potholes; and 1 was for potholes only. Example Trenching, boring, and pothole activities are shown in Figure 13.

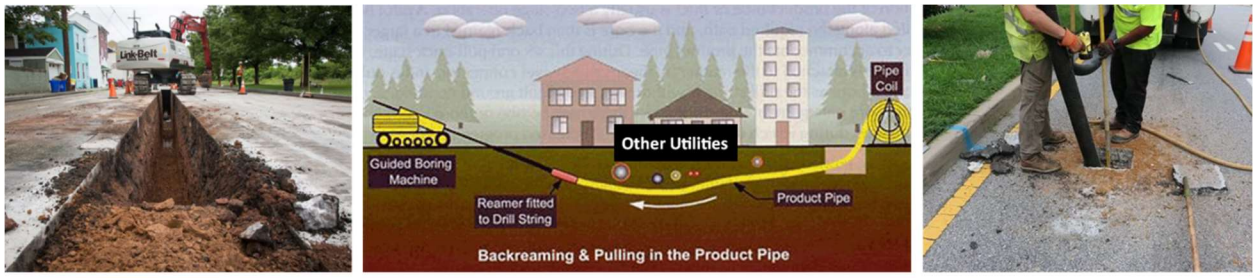


Figure 13. Example Trenching, Boring, and Potholing Activities

The following subsections describe how the cut and affected area for trenches, bore pits, and potholes was determined from the RCPs and how the affected area was converted to a representative Z-factor for trenches and bore pits.

5.1 TRENCH AND BORE PIT Z-FACTORS

The 27 permits for trench utility work were reviewed and the trench dimensions were identified. Trench widths ranged from 1 to 2 feet. The lengths ranged from 9 to 4,182 feet, with an average of 218 feet. Based on a zone of influence extending at least 2 feet from the edge of the cut, the affected area for each trench was calculated by adding 2 feet to each trench dimension. A Z-factor, which represents the ratio of the affected area (including the cut and zone of influence) to the cut area was calculated by dividing the affected area by the trench cut area. Figure 14 shows an example trench cut and Z-factor calculation. The trench cut area is shown in dark gray with the associated zone of influence in light gray.

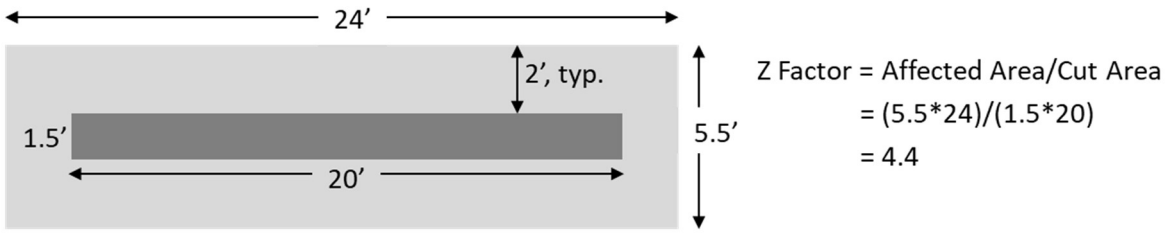


Figure 14. Example Trench Z-Factor Calculation

Using data from all 27 permits, a weighted average Z-factor per square foot of trench was calculated to be 4.08.

Similarly, the 60 permits that included borings were reviewed and the bore pit dimensions were identified. The total length of borings was not evaluated since cuts to the pavement structure are not made along the entire length, but instead are only made at the bore pits. Common bore-pit dimensions were 3 feet by 6 feet, but widths ranged from 1 to 5 feet and lengths from 1 to 9 feet. On average, there were 5 to 6 bore pits per permit. Based on a zone of influence extending at least 2 feet from the edge of the cut, the affected area for each bore pit was calculated by adding 2 feet to each bore-pit dimension. The bore-pit Z-factor was calculated by dividing the affected area per bore pit by the corresponding bore pit area. Figure 15 shows an example bore pit and Z-factor calculation. The bore pit area is shown in dark gray with the associated zone of influence in light gray.

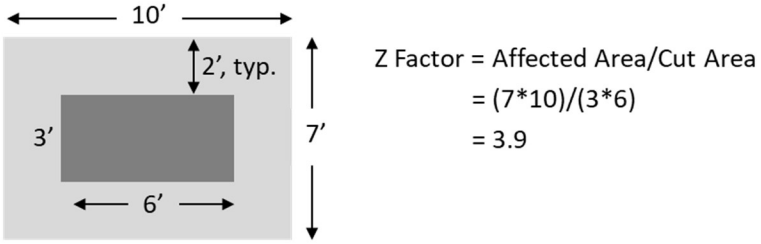


Figure 15. Example Bore Pit Z-Factor Calculation

Using data from all 60 permits, a weighted-average Z-factor per square foot of bore pit was calculated to be 4.07. The trench and bore pit dimensions, as well as the calculated affected areas and Z-factors, are provided in Appendix C.

5.2 AREA AFFECTED BY POTHOLES

The 67 permits for utility work including potholes were reviewed and the pothole dimensions were identified. Potholes were generally one of two sizes – 2 feet by 2 feet square, or 8-inches in diameter – but some were as large as 3 feet by 5 feet. The number of potholes varied greatly by permit with some permits having only 1 pothole and others having upwards of 80 potholes. As with the trenches and bore pits, the affected area for each pothole was estimated based on a zone of influence extending approximately 2 feet from the edge of the cut. Figure 16 illustrates an

example pothole and affected area calculation with the pothole shown in dark gray and the associated zone of influence shown in light gray. The average affected area per pothole was 33.1 square feet. The pothole dimensions and corresponding affected area are provided in Appendix D.

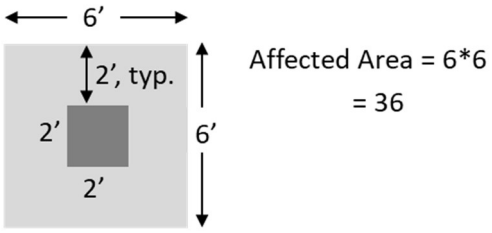


Figure 16. Example Pothole Affected Area Calculation

5.3 RECOMMENDED FEE SCHEDULE

Considering the average Z-factor for both trenches and bore pits was very similar (4.08 vs. 4.07), NCE used a Z-factor of 4 for both types of utility cuts. The recommended utility cut damage fees previously presented in Table 7 were multiplied by this standard Z-factor to obtain an appropriate fee for trenches and bore pits. The resulting rate should be multiplied by the trench or bore-pit area to obtain the appropriate damage fee. Similarly, the recommended fee in Table 7 was multiplied by an average affected area per pothole of 33 square feet to obtain a standard per-pothole fee. The resulting recommended tiered fee schedule is provided in Table 9.

Table 9. Recommended Tiered Fee Schedule

PCI	Proposed Fee	
	Trench or Bore Pit ($/SF)	Pothole ($/EA)
> 65	$8.40	$69.30
55 to 65	$11.60	$95.70
< 55	$3.60	$29.70

For utility work involving trenches, potholes are typically performed along the trench path in advance of trenching to locate utilities. Consequently, the pothole locations will later be included within the trench area. To ensure that fees are not applied twice for the same cut area, pothole fees should not be applied to trench utility work. For boring projects, potholes are also typically performed along the boring path to locate utilities; however, this pavement area will not be cut again later during boring activities. Therefore, projects involving borings should include fees for potholes.

Since these recommended fees are based on 2021 costs, the fees should be indexed based on inflation and adjusted annually to reflect appropriate cost

changes. On an as needed basis, a sum of money, in an amount determined by the City Engineer to be sufficient to pay for required improvements, may be paid to the City constituting compliance with existing restoration standards.

5.4 COMPARISON WITH OTHER AGENCIES

Table 10 summarizes utility cut fees for agencies throughout California. These fees are based on factors such as those discussed in this report, including functional classification, pavement age, PCI, and utility cut depth and orientation (longitudinal or transverse). The fees, in dollars per square foot, are multiplied by the utility cut area to obtain a dollar value representing the damage done to the pavement.

As shown, the proposed fee range for the City of Anaheim aligns closely with the fees listed for several cities and counties – particularly, the City of Sacramento and the City of Los Angeles. When comparing fees among different agencies, it is important to remember that the overall pavement condition and standard structures vary among agencies, which will in turn influence the impact of cuts on pavement performance.

Table 10. Utility Cut Fee Schedule Comparison

Agency	Criteria	Range, $/SF
Anaheim (2021)	PCI	$3.60-$11.60
Ukiah (2021) (Implementation in Progress)	Type of Street, Size of Cut, Age of Pavement	$0.50-$4.25
Pacifica (2021) (Implementation in Progress)	Type of Street, Size of Cut, Age of Pavement	$0.50-$4.00
City and County of San Francisco (1998)	Age of Pavement	$1.00-$3.50
Sacramento County (1999), Elk Grove (2020), Santa Cruz (2003)	Trench Depth, Type of Street, PCI, Type of Cut	$1.80-$3.90 (Longitudinal Cut and Trench Depth <4ft)
		$2.36-$7.80 (Transverse Cut and Trench Depth <4ft)
		$1.80-$5.91 (Longitudinal Cut and Trench Depth >4ft)
		$3.60-$11.82 (Transverse Cut and Trench Depth >4ft)
Sacramento (1997)	Type of Cut, Pavement Age	$1.00-$3.50 (Longitudinal Cut)*
		$2.00-$7.00 (Transverse Cut)*
Modesto (2020)	PCI	$0.0-$2.50
Patterson (2020)	PCI	$0.00-$7.30
Santa Ana (1999)	Type of Street and Age of Pavement	$6.21-$13.68
Los Angeles (2018)	Type of Street	$8.24-$19.44

*Fee per lineal feet instead of per square foot

5.5 ESTIMATED REVENUE

As mentioned, utility cut fees represent a way for local agencies to recover the cost of pavement damage associated with underground utility work. Using the recommended fee schedule for trenches, bore pits, and potholes presented in Table 9, the corresponding fee for each of the 83 utility cut RCPs was calculated. The total fees for all 83 RCPs is $133,348. Assuming the 3 months of RCP data reviewed for this study are representative of typical months, then the estimated annual revenue from utility cut damage fees would be approximately $0.5 million. A list of the RCPs and their corresponding fees is provided in Appendix E.

6 Summary

The purpose of this study was to assess and quantify pavement damage caused by utility cuts in the City of Anaheim (City) and to develop an appropriate fee schedule for the City to recover any costs associated with such damage.

To determine appropriate utility cut fees, this study measured and analyzed both the structural and functional damage at several test sites within the City and reviewed typical street cut permits. The study yielded the following results:

- Sixty-five percent of test sites exhibited structural damage in the cut or zone of influence.
- Forty-five percent of test sites needed an average additional overlay thickness of 3.1 inches in the cut or zone of influence to compensate for structural damage.
- On average, the PCI of sections without cuts was approximately 20 points higher than those with utility cuts.
- On average, sections with cuts had nearly 1 percent more fatigue cracking than sections without cuts.
- Pavement condition was the best indicator of how much damage was caused by utility cuts. Three PCI zones were identified as having varying effects on utility cut damage:
    1. PCI greater than 65
    2. PCI between 55 and 65
    3. PCI below 55
- The percent reduction in life due to cuts was on average 21.3 percent.
- Pavements with higher PCIs experienced more functional damage than pavements with lower PCIs.
- Recommended fees were based on functional damage costs for pavements with PCIs greater than 65 or less than 55 and structural damage costs for pavements with PCIs between 55 and 65.
- The estimated revenue from utility cut damage fees is approximately $0.5 million per year.

The resulting fee schedule represents the cost corresponding to the maximum damages (structural or functional) caused by utility cuts. The information required to implement this fee includes the PCI at the time of cut, the trench and/or bore pit area and the number of potholes. Note that the pothole fee should only be included for potholes relating to boring activities. NCE recommends that the fee schedule be indexed based on inflation and adjusted annually to reflect appropriate costs.

7 References

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Appendix A

Summary of Pavement Cut Studies

NCE Collaboration. Commitment. Confidence.℠

MEMORANDUM

Date:	1/19/2022
To:	Jason Theim – City of Anaheim
From:	Sharlan Montgomery Dunn, Debaroti Ghosh, Margot Yapp – NCE
Subject:	**Summary of Pavement Cut Studies**
Job Number:	289.14.30

INTRODUCTION

Utility companies often need to cut existing pavements to access and service their underground equipment. Ideally, all underground utility maintenance would be performed prior to pavement rehabilitation or reconstruction so that cuts are never made in new pavement structures. However, despite the best coordination, utility cuts cannot always be avoided because unanticipated work is often required to maintain essential public services.

Over the last 30 years, local agencies have been interested in understanding and quantifying the impact of utility cuts on pavement performance as well as the corresponding financial impacts. To obtain this information, public agencies, as well as utility companies, have sponsored engineering investigations and studies (Todres and Baker 1996). Many such studies are performed in-house or by consulting companies and are therefore unpublished or difficult to access. These studies often use deflection testing, condition surveys, and statistical analyses to quantify reduced pavement performance as a loss in structural capacity and a decrease in pavement condition. To manage the identified impacts, many studies have recommended restoring additional area surrounding the cut, increasing the overlay thickness, or imposing a restoration fee on utility companies.

These studies and recommendations have led to an increase in public policies that 1) compensate local agencies for the loss of pavement life caused by utility cuts through a utility cut fee, and 2) achieve more acceptable performance of repair work following underground utility access and maintenance through rigorous utility cut restoration standards and moratoria, or "no cut", periods.

This technical memorandum discusses the impact of utility cuts on pavement performance, details the importance of adequate utility cut restoration, and summarizes the policies in place by various California agencies to address pavement degradation caused by utility cuts.

IMPACT OF PAVEMENT CUTS

The impact of utility cuts on pavement performance can vary significantly based on site- and agency-specific information. Such variables can include the existing pavement condition, structure, and age; location, orientation, and extent of the utility cut; environmental factors; traffic loads; and restoration practices and standards. Quantification of utility cut impacts further depend on local maintenance treatments and costs. Therefore, to really understand the impact of utility cuts on roadway performance for a particular agency, a site-specific study and analysis must be performed.

That said, underground utility work can damage pavements in three general ways as illustrated in Figure 1. First, the act of cutting a pavement structure creates an easy-access point for water to enter the pavement structure and damage the underlying pavement layers. Second, the removal of the pavement layers creates a plane of weakness where the pavement structure may not be adequately supported laterally – particularly during underground utility maintenance, but also after restoration. Third, the quality of the repair may not match the adjacent pavement structure, thus introducing roughness into the pavement. Rough pavements can cause vehicles to bounce, which creates greater loads on the pavement and leads to more rapid deterioration (Tarakji 1995; Wilde et al. 2002).

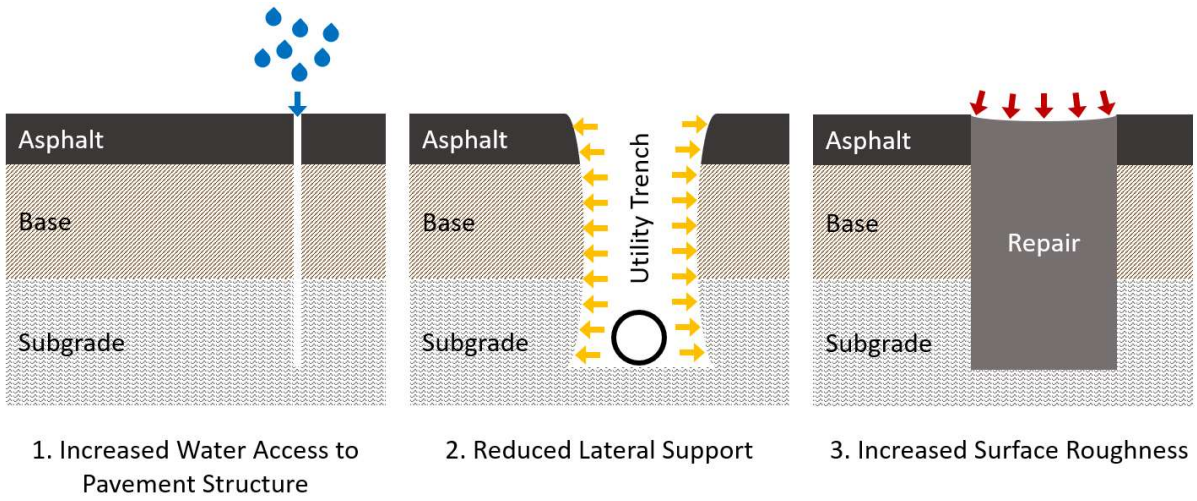


Figure 1. Utility Cut Damage Mechanisms

These deterioration mechanisms reduce the condition and structural capacity of a pavement, which reduces the life of the pavement within and adjacent to the utility cut (Stevens et al. 2010). Multiple utility cuts on the same street or within a small area can magnify this impact (Department of Public Works 1998, Tarakji 1995).

Reduction in Pavement Life

In the mid-1990s, San Francisco completed a study on the effect of utility cuts on the life of pavement (Tarakji 1995) and confirmed that additional damage was caused. Other

cities, including Austin, Cincinnati, Salt Lake City, Philadelphia, and Phoenix, conducted similar foundational studies and found that utility cuts not only reduced the expected life of the streets but consequently cost local agencies millions of dollars in premature street repair and remediation expenses (Arudi et al. 2000; Bodocsi et al. 1995; ERES 1990; NCE 2003; Peters 2002; Wilde et al. 1996).

For example, Bodocsi et al. (1995) reported that new asphalt pavements, which are typically designed to last between 15 and 20 years, once cut can lose as much as 8 years of pavement life. Other studies performed in Austin, Anaheim, Los Angeles, Sacramento, and Phoenix estimated between 15 and 20 percent reductions in pavement life due to utility cuts (AMEC 2002; CHEC 1997; IMS 1994; Shahin and Associates 2017; Wilde et al. 1996). For a typical pavement design life of 20 years, this represents a loss of 3-4 years of pavement life.

Additional factors such as cold climates and multiple excavations can increase the impact of utility cuts. For example, utility cuts in areas subject to freeze-thaw conditions were estimated to reduce pavement life by 20 percent (AMEC 2002; Stevens et al. 2010). Streets with multiple excavations for utility work were estimated to reduce a pavement's life by 30 to 55 percent (Shahin and Associates 2017; Tarakji 1995; Tiewater 1997).

Statistical data reported by the Department of Public Works in San Francisco (1998) showed that the pavement condition rating decreases as the number of utility cuts increases. For example, the pavement condition index (PCI) for a newer pavement was reduced from 85 to 64 as the number of utility cuts increased to 10 or more.

Zone of Influence

As previously mentioned, a utility cut can result in a loss of lateral support to the existing pavement structure surrounding the perimeter of the trench. This can cause the trench sidewalls to bulge into the trench and weaken the material under the existing pavement. This weakened area is termed the zone of influence, is illustrated in Figure 2.

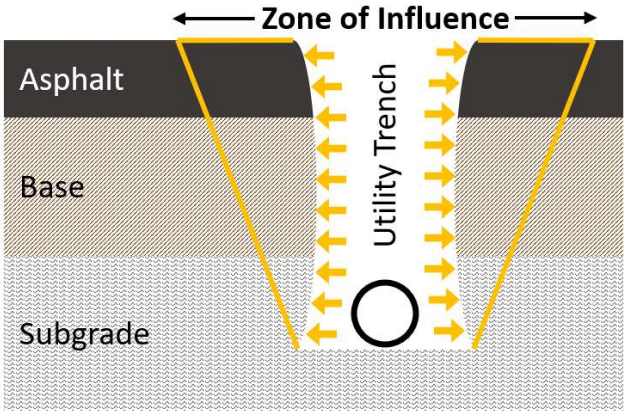


Figure 2. Zone of Influence

Various studies have used deflection testing to investigate the loss of pavement strength near utility cuts, estimate the zone of influence, and provide recommendations on restoration (Bodosci et al 1995; Shahin 1999; CHEC 1997, 1998, 1999, 2000; NCE 2000, 2003). Such studies showed a substantial loss of strength in the zone of influence around the utility cut area (Stevens et al. 2010). For example, studies performed in Union City and Los Angeles showed that the deflection values within the zone of influence were 41-74 percent higher than in uninfluenced pavement (CHEC 1998; Shahin and Associates 2017).

These studies also indicated that the zone of influence varies by agency and location but is most often 4 to 5 feet from the edge of the trench. Table 1 summarizes research estimating the zone of influence.

Table 1. Summary of Zone of Influence Research

Agency	Investigator	Publication Year	Zone of Influence from Trench Edge (feet)
Alameda Co, CA	CHEC Consulting Engineers, Inc.	2000	5.5
Calgary, Canada	Karim et al.	2014	3.3
Cincinnati, OH	Bodosci et al.	1995	3
Iowa Department of Transportation	Stevens et al.	2010	4
Los Angeles, CA	Shahin and Associates	2017	2.5 to 10 (average of 5.2)
San Mateo Co, CA	CHEC Consulting Engineers, Inc.	1999	5
Seattle, WA	Nichols Consulting Engineers	2000	At least 2
Springville, UT	Guthrie et al.	2015	4
Union City	CHEC Consulting Engineers, Inc.	1998	4 to 7

An extensive field and laboratory study by Iowa State University researchers concluded that the loss of lateral support in the zone of influence is a critical factor in the restoration of utility trenches (Jensen et al. 2005).

IMPORTANCE OF PAVEMENT CUT RESTORATION

As discussed previously, utility cuts can affect pavement performance in and adjacent to the cut area. The excavation equipment and process can also damage the pavement adjacent to the cut (Stevens et al. 2010). Simply backfilling the excavated area will not restore and match the strength and performance of the original material. Therefore, for long-term pavement performance within and adjacent to utility cuts, adequate repair and restoration is necessary.

It is difficult to restore cut pavement to a condition and performance level matching the surrounding pavement. When the repaired pavement condition varies from the existing pavement condition, the result can be a rough surface. Even if the pavement surface is smooth and consistent at the time of the repair, the materials may settle and deteriorate differentially over time. This leads to surface roughness, which then leads to more rapid deterioration (Noel and Tevlin 2012; PEI 1996; Stevens et al. 2010; Wilde et al. 1996).

Utility cut restoration involves performing a treatment, in addition to adequate filling and compaction of the excavated area, to restore the pavement life and maintain the pavement's structural capacity and performance. Restoration often includes a T-Cut as well as another treatment, such as an overlay or surface seal, that extends beyond the length of the T-Cut arm. This restoration combination is illustrated in Figure 3.

T-Cuts involve cutting back a portion of the pavement surface beyond the edge of the trench to better protect the zone of influence and bridge the plane of weakness. Such repairs have been found advantageous in the restoration of utility cut trenches by alleviating the effects of the lateral support loss due to the excavation (Peters 2002; Stevens et al. 2010). Research has shown that the thickness of the restoration, the quality of materials used, and the placement and compaction methods of fill materials are key factors in ensuring strong pavement performance in future years (Jensen et al. 2005; Stevens et al. 2010 Todres and Baker 1996).

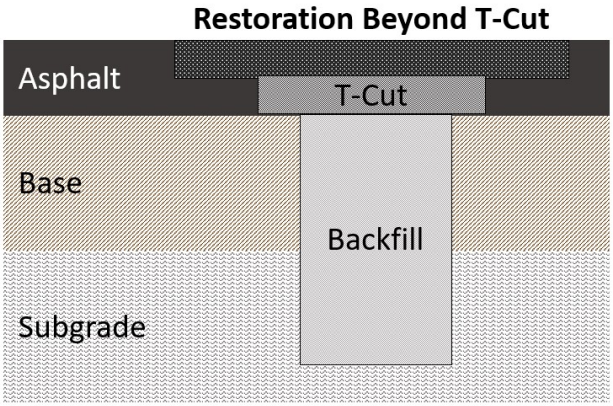


Figure 3. Example Restoration Plan.

Restoration Standards in California

Table 2 summarizes the restoration standards held by several city and county agencies throughout California. The specific restoration requirements vary depending on the length of the utility cut, existing PCI, functional classification, and age of the pavement.

Although the use of the T-Cut is widespread among these standards, the additional surface restoration requirements range from no additional treatment beyond the T-Cut to full lane replacements for the entire affected block. For example, the cities of Oakland and San Francisco require a full block restoration depending on the length of the utility cut. Other agencies require only 6 to 24 inches of restoration beyond the edge of the T-Cut. The most common restoration treatment in California is a mill and overlay to a minimum specified depth.

The final required restored pavement thickness also varies among agencies. These final thickness standards are included in Table 2 as the final asphalt thickness over the trench and provide insight into how standards vary throughout California. The typical requirement is for the new restored pavement to conform to the existing pavement thickness over the trench, but additional thickness is sometimes required.

Table 2. Summary of Restoration Standards in California Agencies

Agency	T-Cut Required	T-Cut Arm Width (in.)	Surface Restoration Requirement Beyond T-Cut	Restoration Treatment	Final Asphalt Thickness Over Trench (in.)
Alameda Co	Yes	12	None	NA	Existing thickness
Anaheim	Yes	Arterials: full-lane width Locals: 12	Locals with cut length <650 ft: None Locals with cut length >651 ft: As indicated in Restoration Treatment Column	PCI ≥ 60: Slurry Seal from curb to curb PCI<60: 2-in. Mill and Overlay from gutter to trench limit	Existing thickness + 1.25 or Match existing thickness if ≥ 16 in.
Contra Costa Co	Yes	12	None	NA	Existing thickness + 1.25
Davis	Yes	10	Restoration shall extend 10’ before first patch and 10’ beyond last patch and be the full width of the affected lanes	Slurry Seal	Existing thickness (min of 4)
Fremont	If Trench Width >24 in.	12	None	NA	Existing thickness (min of 6) If no T-Cut, 12-15
Fresno Co	Yes	6	Minimum of 12 in. beyond the edge of the T-Cut	1.25-in. Mill and Overlay	Existing thickness
Long Beach	Yes	12	None	NA	Existing thickness (min of 4)
Los Angeles	Yes	12	If pavement age<8 Yrs, restore 24 in. beyond the edge of the T-Cut	1.5-in. Mill and Overlay (or half the existing asphalt thickness, whichever is less)	Existing thickness (min of 6)
Los Angeles Co	Yes	12	None	NA	Existing thickness (min of 4)

Table 2 Cont. Summary of Restoration Standards for California Agencies

Agency	T-Cut Required	T-Cut Arm Width (in.)	Surface Restoration Requirement Beyond T-Cut	Restoration Treatment	Final Asphalt Thickness Over Trench (in.)
Oakland	Yes	12	If cut length >0.25*block length, restore all affected lanes for the entire block	PCI >65: Slurry Seal PCI ≤ 65: Mill and Overlay	Existing thickness (min of 6)
Sacramento	Yes	6	None	NA	Existing thickness (min of 4)
Sacramento Co	Yes	8	If pavement age<5 Yrs, restore a minimum of 12 in. beyond the edge of the T-Cut	1.5-in. Mill and Overlay	Existing thickness (min of 6 on major streets) (min of 4 on minor streets)
San Francisco	Yes	12	Minimum of 12 in. beyond the edge of the T-Cut or If cut length >0.25*block length, restore all affected lanes for the entire block	2-in. Mill and Overlay	Existing thickness (min of 2)
San Diego Co	Yes	6-12 (Based on Trench Width)	6 in. beyond the edge of the T-Cut	1.5-in. Mill and Overlay	Existing thickness +1 (min of 4)
San Jose	Yes	12	None	NA	Existing thickness +3
Santa Clara	Yes	6	None	NA	Existing thickness (8-10)

PAVEMENT CUT POLICIES

A detailed 2002 report prepared for the Federal Highway Administration provided methods that agencies can use to reduce and minimize the damage to streets due to the ever-increasing installation and maintenance activities of utility companies (Wilde et al. 2002). Specifically, the report presents three types of policies local agencies can use to improve the quality of utility cut repairs and promote coordination of facilities. These strategies are 1) incentive-based policies, 2) fee-based policies, and 3) regulation-based policies.

Incentive-based policies provide financial or other incentives for using trenchless technology where technically suitable, performing higher-quality pavement cut repairs, making smaller or less-damaging cuts, and coordinating with other utility companies to share trenches or underground resources.

Examples of fee-based policies include requiring a deposit prior to beginning work to protect against poor repairs, assessing financial penalties for non-compliance with restoration standards or for failed repairs within a specified period, implementing a time-based lane rental fee to encourage utility companies to restore traffic access as quickly as possible, and collecting flat-rate or area-based fees to compensate for increased degradation associated with cutting and excavating pavement.

Regulation-based policies do not require fees or provide incentives, but place requirements on the contractor regarding quality of work, and/or restrictions on when and where trenching can be done. Examples include establishing moratorium periods that restrict utility cuts in newly resurfaced pavements for a specified time, requiring pavement restorations to encompass an area larger than the trench area, enhancing inspections, and enforcing restoration specifications.

UTILITY CUT FEES IN CALIFORNIA

Fee-based policies have been growing in popularity throughout California as way for local agencies to recoup the cost of pavement damage associated with poor performing underground utility work. Table 3 summarizes several utility-cut fee schedules for various agencies throughout California. These fees are based on factors including functional classification, pavement age, PCI, and/or utility cut depth and orientation (longitudinal or transverse). The fees, in dollars per area, are typically multiplied by the utility cut area to obtain a dollar value that represents the damage done to the pavement. In contrast to having a utility cut fee per unit area, the cities of Sacramento and Santa Barbara have fees per linear foot. This fee is multiplied by the length of linear feet cut rather than the affected area to obtain the total fee value.

Table 3. Summary of Pavement Cut Fees for California Agencies

Agency	Criteria			Fee ($/SF)
Elk Grove	Trench Depth < 4 ft	Major Streets or All Streets within 5 years of construction or structural overlay	PCI 70-100	3.90 (long.)
				7.80 (trans.)
			PCI 26-69	2.20 (long.)
				4.40 (trans.)
			PCI 0-25	-
		All Other	PCI 70-100	2.41 (long.)
				4.82 (trans.)
			PCI 26-69	1.18 (long.)
				2.36 (trans.)
			PCI 0-25	-
	Trench Depth > 4 ft	Major Streets or All Streets within 5 years of construction or structural overlay	PCI 70-100	5.91 (long.)
				11.82 (trans.)
			PCI 26-69	3.34 (long.)
				6.68 (trans)
			PCI 0-25	-
		All Other	PCI 70-100	3.66 (long.)
				7.32 (trans.)
			PCI 26-69	1.80 (long.)
				3.60 (trans.)
			PCI 0-25	-
Los Angeles	Select Streets			19.44
	Local Streets			8.24
Modesto	All Streets		PCI 70-100	2.50
			PCI 26-69	1.25
			PCI 0-25	-
Patterson	All Streets		PCI 70-100	7.30
			PCI 50-69	5.25
			PCI 0-49	-
Sacramento (Under revision – update anticipated 2022)	Longitudinal Cut		Age <5	3.50*
			Age 5 to 10	3.00*
			Age 10 to 15	2.00*
			Age Over 15	1.00*
	Transverse Cut		Age <5	7.00*
			Age 5 to 10	6.00*
			Age 10 to 15	4.00*
			Age Over 15	2.00*

*Fee is per lineal ft instead of per square foot.

Table 3 Cont. Summary of Pavement Cut Fees for California Agencies

Agency	Criteria			Fee ($/SF)
Sacramento Co	Trench Depth < 4 ft	Major Streets or All Streets within 5 years of construction or structural overlay	PCI 70-100	3.90 (long.)
				7.80 (trans.)
			PCI 26-69	2.20 (long.)
				4.4 (trans.)
			PCI 0-25	-
		All Other	PCI 70-100	2.41 (long.)
				4.82 (trans.)
			PCI 26-69	1.18 (long.)
				2.36 (trans.)
			PCI 0-25	-
	Trench Depth > 4 ft	Major Streets or All Streets within 5 years of construction or structural overlay.	PCI 70-100	5.91 (long.)
				11.82 (trans.)
			PCI 26-69	3.34 (long.)
				6.68 (trans)
			PCI 0-25	-
		All Other	PCI 70-100	3.66 (long.)
				7.32 (trans.)
			PCI 26-69	1.80 (long.)
				3.60 (trans.)
			PCI 0-25	-
San Diego	Arterial Streets	Dry Utilities	Age 0-5	1.95
			Age 6-10	1.39
			Age 11-15	0.84
			Age 16-20	0.28
		Wet Utilities	Age 0-5	2.80
			Age 6-10	2.01
			Age 11-15	1.21
			Age 16-20	0.41
	Major Streets	Dry Utilities	Age 0-5	0.97
			Age 6-10	0.69
			Age 11-15	0.41
			Age 16-20	0.13
		Wet Utilities	Age 0-5	1.93
			Age 6-10	1.38
			Age 11-15	0.74
			Age 16-20	0.28

Table 3 Cont. Summary of Pavement Cut Fees for California Agencies

Agency	Criteria			Fee ($/SF)
San Diego Cont.	Collector Streets	Dry Utilities	Age 0-5	1.10
			Age 6-10	0.85
			Age 11-15	0.61
			Age 16-20	0.37
			Age 21-25	0.13
		Wet Utilities	Age 0-5	3.94
			Age 6-10	3.06
			Age 11-15	2.19
			Age 16-20	1.32
			Age 21-25	0.45
	Residential Streets	Dry Utilities	Age 0-5	1.34
			Age 6-10	1.04
			Age 11-15	0.74
			Age 16-20	0.45
			Age 21-25	0.15
		Wet Utilities	Age 0-5	1.67
			Age 6-10	1.30
			Age 11-15	0.93
			Age 16-20	0.56
			Age 21-25	0.19
City and County of San Francisco	All streets		Age 0-5	3.50
			Age 6-10	3.00
			Age 11-15	2.00
			Age 16-20	1.00
Santa Ana	Arterials Streets Age of street since last repaving		Age 0-5 Years	13.68
			Age 6-10 Years	12.11
			Age 11-15 Years	11.39
			Age 16-20 Years	9.11
	Local Streets Age of street since last repaving		Age 0-5 Years	9.27
			Age 6-10 Years	8.24
			Age 11-15 Years	7.74
			Age 16-20 Years	6.98
			Age 21-25 Years	6.21
Santa Barbara Co	Flat fee			$0.75*

*Fee is per lineal ft instead of per square foot.

Table 3 Cont. Summary of Pavement Cut Fees for California Agencies

Agency	Criteria			Fee ($/SF)
Santa Cruz	Trench Depth < 4 ft	Major Streets or All Streets within 5 years of Construction or Structural overlay	PCI 100 and 70	3.9 (long.)
				7.8 (trans.)
			PCI 69 and 26	2.2 (long.)
				4.4 (trans.)
			PCI 25 and 0	-
		All Other Streets	PCI 100 and 70	2.41 (long.)
				4.82 (trans.)
			PCI 69 and 26	1.18 (long.)
				2.36 (trans.)
			PCI 25 and 0	-
	Trench Depth > 4 ft	Major Streets or All Streets within 5 years of construction or structural overlay.	PCI 100 and 70	5.91 (long.)
				11.82 (trans.)
			PCI 69 and 26	3.34 (long.)
				6.68 (trans)
			PCI 25 and 0	-
		All Other Streets	PCI 100 and 70	3.66 (long.)
				7.32 (trans.)
			PCI 69 and 26	1.80 (long.)
				3.60 (trans.)
			PCI 25 and 0	-
Union City	Flat fee			17.3

Some agencies allow fee exemptions if the utility work is performed on older pavement or if the work is performed before an upcoming rehabilitation. For example, the City and County of San Francisco waive the fee for utility work performed on pavements with PCIs less than 53 or a pavement age of at least 20 years. The City of Los Angeles does not require utility cut fees on pavements with rehabilitation scheduled within the next year.

Moratorium Standards in California

Regulation-based policies, particularly moratoria, have been passed by cities and counties to protect public infrastructure and preserve the life of streets (Wilde et al. 2002). Moratoria impose a time period after treatment during which utility or other companies may not perform trenching activities. Table 4 summarizes several California agencies with slurry and rehabilitation moratorium standards. If for some reason utility work during a moratorium period is deemed necessary, agencies often impose higher restoration standards and limits than those required after the moratorium period has expired.

For example, Los Angeles County only requires a surface restoration of 24 inches beyond the edge of the T-Cut for non-moratorium streets but requires that the whole block be repaved for moratorium streets. Such strict moratorium restoration standards encourage utility companies to perform underground utility maintenance prior to pavement rehabilitation or reconstruction and discourages utility work in new pavement structures.

Table 4. Summary of Pavement Cut Fees for California Agencies

Agency	Slurry Moratorium (years)	Rehabilitation Moratorium (years)	Restoration Details if Moratorium Work Approved
Anaheim	1	3	Extensive pavement restoration according to the utility cut standard Limits shall be determined by the City Engineer
Commerce	2	5	Pavement restoration shall be a length of not less than 50 ft either side of the trench edge lines, either perpendicular or parallel to the curb line
Encinitas	3	5	Resurface at least the length of excavation from curb to curb or from curb line to the raised median Longitudinal trenches – Extend T-Cut, grind and overlay over the entire affected lane or lanes (from curb to curb or from curb to median curb) Transverse trenches - Extend T-Cut, grind and overlay to 10 feet beyond each side of the trench and over the entire affected lane
Los Angeles	None	1	Repave the whole block
Los Angeles Co	2	2	Resurface the entire lane width
Oakland	5	5	Pavement restoration shall match or exceed the most recent resurfacing pavement section depth and material or as directed by the Engineer
Sacramento Co	3	3	Slurry seal half of the roadway at locations affected by the excavation for a minimum total length of 1,000 feet
San Diego	3	5	Resurface the entire lane width from street intersection to intersection and from curb to curb
San Diego Co	3	3	Resurface the entire width of the affected road and the method of resurfacing shall be the same as adjacent pavement
San Francisco	5	5	Resurface all affected lanes for entire width of affected property frontages

SUMMARY AND CONCLUSION

Interest in studying and quantifying the impact of utility cuts on road and street performance has increased over the last 30 years. Consequently, public agencies, as well as utility companies, have sponsored engineering investigations and studies to quantify the impact of utility cuts on pavement performance and estimate the corresponding financial impacts.

Research has shown that utility cuts can reduce pavement life by 15 to 55 percent, which consequently costs local agencies millions of dollars in premature street repair and remediation expenses. Studies have also shown that underground utility work affects not only the excavated area, but often weakens the adjacent pavement. The affected pavement varies based on agency and location but is typically 4 to 5 feet from the edge of the trench.

To help restore some of the lost structural capacity and performance due to cutting the pavement, many agencies have set restoration standards. Restoration standards in California typically include a T-Cut along with a restoration treatment that may be as extensive as replacing the full lane for the entire affected block.

To recover the cost of pavement damage associated with performing underground utility work, many agencies impose utility cut fees. In California, these fees are typically based on factors including functional classification, pavement age, PCI, and/or utility cut depth and orientation (longitudinal or transverse).

As evidenced by the variety of studies, standards, policies, and fees, the impact of utility cuts on roadway performance can vary significantly based on site-and agency-specific information. Therefore, to really understand and quantify the impact of utility cuts on roadway performance for a particular agency, a site-specific study and analysis must be performed. In addition, utility cut fees should be updated regularly to reflect accurate and current damage costs.

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Agency	Reference	Date Accessed
Alameda Co	https://static1.squarespace.com/static/57573edf37013b15f0435124/t/5b2434326d2a734942eb80b7/1529099326535/Design+Guidelines+SD-2018Jun06.pdf	3/10/2021
Anaheim	https://www.anaheim.net/DocumentCenter/View/22954/132	3/10/2021
Contra Costa Co	https://www.contracosta.ca.gov/DocumentCenter/View/29792/CU01-PDF?bidId=	3/10/2021
Davis	https://www.cityofdavis.org/home/showpublisheddocument?id=8217	3/10/2021
Fremont	https://www.fremont.gov/DocumentCenter/View/307/sd-28_LongitudinalTrenchTransverseTrench?bidId=	3/10/2021
Fresno Co (Page 293)	http://www.fresnofloodcontrol.org/wp-content/uploads/2014/08/Std-Specifications-April-1-2011-approved-amended-1-1-12.pdf	3/10/2021
Long Beach	http://longbeach.gov/globalassets/pw/media-library/documents/resources/engineering/standard-plans/100-general-roadwork/section-127---trench-requirements-in-street-right-of-way--as-of-11-13-17-	3/10/2021
Los Angeles	https://eng2.lacity.org/techdocs/stdplans/s-400/S-477-2_B4778_%20_.pdf	3/10/2021
Los Angeles Co (Page 129)	https://pw.lacounty.gov/des/design_manuals/StandardPlan.pdf	3/10/2021
Oakland	http://www2.oaklandnet.com/government/o/PWA/o/EC/s/DGP/index.htm (See City of Oakland Guidelines and Standards: Street Excavation Rules)	3/10/2021
Sacramento (Page 42)	https://www.cityofsacramento.org/~/media/Corporate/Files/DOU/Specs-Drawings/Addendum%202_Final_042412.pdf	3/10/2021
Sacramento Co (Page 17)	https://saccountyspecs.saccounty.net/Documents/PDF%20Documents%202008/Drawings/Drawings.pdf	3/10/2021
San Francisco (Page 27)	https://sfpublicworks.org/sites/default/files/PW-Order-187005-Signed.pdf	3/10/2021
San Diego Co (Page 38)	https://www.sandiegocounty.gov/content/dam/sdc/sdcfa/documents/prevention/design-standards.pdf	3/10/2021
San Jose	https://www.sanjoseca.gov/home/showdocument?id=37037 (Cross Section data from personal correspondence with Lorina Popescu, City of San Jose)	3/10/2021
Santa Clara (Page 31)	https://www.santaclaraca.gov/home/showpublisheddocument?id=70118	3/10/2021

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Agency	Reference	Date Accessed
Elk Grove	https://www.codepublishing.com/CA/ElkGrove/html/ElkGrove12/ElkGrove1209.html	3/11/2021
Los Angeles	https://eng2.lacity.org/StdFeeList/StdFeeList.pdf	3/11/2021
Modesto	https://www.modestogov.com/DocumentCenter/View/4817/Development-Fee-Schedule---Engineering_Encroachment	3/11/2021
Patterson	https://www.ci.patterson.ca.us/823/Trench-Cut-Permit-and-Program-Informatio	3/11/2021
Sacramento	Resolution No. 97-537 A Resolution Establishing Trench Cut Cost Recovery Fees	-
Sacramento Co	http://qcode.us/codes/sacramentocounty/view.php?topic=12-12_09-12_09_030&frames=on	3/11/2021
San Diego	https://www.sandiego.gov/sites/default/files/stdamagefeeincrease.pdf	1/19/2022
City and County of San Francisco	https://www.sfpublicworks.org/sites/default/files/Excavation_Code.pdf	3/11/2021
Santa Ana	https://www.santa-ana.org/sites/default/files/finance/budget/2020-2021/June%2016/Proposed%20Misc.%20Fees%20Schedule_COMBINED.06.16.20_FINAL.pdf	1/12/2022
Santa Barbara County	https://countyofsb.org/pwd/asset.c/224	3/11/2021
Santa Cruz	http://sccounty01.co.santa-cruz.ca.us/BDS/Govstream2/Bdsvdata/non_legacy_2.0/agendas/2003/20030401-211/PDF/035.pdf	3/11/2021
Union City	CHEC Consulting Engineers, Inc. 1998. Trench Cut Fee Evaluation Study for the City of Union City. City of Union City, Department of Public Works	-

Table R.3 References

Agency	Reference	Date Accessed
Anaheim	https://www.anaheim.net/DocumentCenter/View/22954/132	3/11/2021
Commerce	Personal correspondence with Daniel Hernandez, City of Commerce	3/11/2021
Encinitas	https://www.biasandiego.org/wp-content/uploads/2019/11/Attachment-2-Resolution-Exhibit-A_clean.pdf	3/11/2021
Los Angeles	https://eng2.lacity.org/techdocs/permits/7_3.pdf	3/11/2021
Los Angeles Co	https://pw.lacounty.gov/general/faq/index.cfm?Action=getAnswers&FaqID=JCMtOzVTUCAgCg%3D%3D&Theme=default&ShowTemplate=#:~:text=The%20County%20has%20a%20two,date%20of%20the%20resurfacing%20project.	3/11/2021
Oakland	https://library.municode.com/ca/oakland/codes/code_of_ordinances?nodeId=TIT12STSIPUPL_CH12.12EX	3/11/2021
Sacramento Co	https://sacdot.saccounty.net/Pages/Trenchingandroadcutmoratorium.aspx	3/11/2021
San Diego	https://www.biasandiego.org/wp-content/uploads/2019/11/Attachment-1-San-Diego-County-and-City-Trenching-Moratorium-Information.pdf	3/11/2021
San Diego Co	https://www.biasandiego.org/wp-content/uploads/2019/11/Attachment-1-San-Diego-County-and-City-Trenching-Moratorium-Information.pdf	3/11/2021
San Francisco	https://www.sfpublicworks.org/sites/default/files/Moratorium%20Streets.pdf	3/11/2021

Appendix B

Deflection Data and Overlay Calculations

City of Anaheim

FWD Deflections

Street: Broadway
Site ID: BRO

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	24.53	25.64	26.87
Standard Deviation (mils):	3.37	3.81	2.36
80th% Deflection (Avg + 0.84s) (mils):	27.36	28.84	28.86
Total Test Points:	28	16	26
Overlay Thickness (in.)	3.9	4.2	4.7

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	101.3	106.6	18.87	22.65	
0+08	UnCut	101.6	107.3	20.03	24.04	
0+16	UnCut	101.6	104.2	18.39	22.06	
0+24	UnCut	101.7	106.2	19.63	23.56	
0+32	UnCut	101.9	106.3	19.03	22.84	
0+40	UnCut	101.4	108.2	19.77	23.73	
0+48	UnCut	101.9	109.3	20.22	24.26	
0+56	UnCut	102.3	109.3	22.74	27.29	
0+64	UnCut	102.3	109.5	25.04	30.05	
0+72	UnCut	102.3	109.6	18.53	22.24	
0+77	UnCut	102.4	108.5	17.75	21.29	
0+84	UnCut	102.4	107.9	18.68	22.42	
0+92	UnCut	102.5	107.7	20.44	24.53	
0+99	UnCut	102.2	106.3	20.46	24.55	
0+00	UnCut	102.6	109.0	20.4	24.48	
0+08	UnCut	103.1	108.5	20.78	24.93	
0+17	UnCut	103.7	107.9	20.75	24.9	
0+24	UnCut	103.6	107.8	20.51	24.61	
0+32	UnCut	103.8	107.8	22.43	26.91	
0+40	UnCut	103.6	107.8	22.97	27.57	
0+48	UnCut	103.7	108.8	22.59	27.11	
0+56	UnCut	103.6	109.1	24.9	29.88	
0+64	UnCut	103.5	109.2	29.54	35.44	
0+72	UnCut	103.4	109.1	17.61	21.13	
0+80	UnCut	103.2	109.2	16.16	19.4	
0+86	UnCut	103.3	109.1	17.22	20.67	
0+92	UnCut	103.1	108.5	19	22.8	
1+00	UnCut	102.7	109.2	17.9	21.48	
0+00	Cut	93.2	105.8	20.51	24.62	
0+03	Cut	93.5	105.0	19.91	23.89	
0+06	Cut	94.1	104.4	20.54	24.65	
0+09	Cut	94.6	104.1	21.48	25.77	
0+12	Cut	95.0	103.8	19.86	23.84	
0+15	Cut	95.5	105.6	20.71	24.85	
0+18	Cut	95.8	105.9	21.1	25.32	
0+21	Cut	96.4	106.1	19.89	23.87	
0+24	Cut	96.9	106.2	21.23	25.48	
0+27	Cut	97.1	106.2	21.37	25.65	
0+30	Cut	97.5	106.3	20.95	25.13	
0+33	Cut	97.7	105.7	21.38	25.66	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+35	Cut	97.8	105.4	21.77	26.13	
0+00	Cut	98.0	107.0	23.79	28.55	
0+03	Cut	97.8	106.4	23.43	28.12	
0+06	Cut	97.9	106.2	24.16	29	
0+09	Cut	98.1	105.5	22.05	26.46	
0+12	Cut	98.3	105.6	22.32	26.78	
0+15	Cut	98.5	105.7	22.84	27.41	
0+18	Cut	98.8	105.9	23.23	27.88	
0+21	Cut	98.9	106.2	23.72	28.46	
0+24	Cut	98.9	106.3	22.94	27.52	
0+27	Cut	99.3	106.1	24.32	29.18	
0+30	Cut	99.7	106.1	24.86	29.83	
0+33	Cut	100.1	106.3	26.74	32.09	
0+36	Cut	100.3	105.2	27.1	32.51	
0+00	ZI	103.2	102.9	15.73	18.87	
0+45	ZI	103.2	111.1	18.59	22.31	
0+00	ZI	103.2	111.5	20.77	24.92	
0+45	ZI	103.5	110.3	25.37	30.44	
0+00	ZI	103.2	109.9	20.46	24.55	
0+45	ZI	103.0	109.2	26.23	31.48	
0+00	ZI	102.9	109.5	18.7	22.45	
0+45	ZI	103.3	108.7	27.4	32.88	
0+00	ZI	103.3	110.1	20.16	24.19	
0+45	ZI	103.5	109.9	23.77	28.53	
0+00	ZI	103.9	109.9	20.34	24.4	
0+45	ZI	104.2	109.2	23.36	28.04	
0+00	ZI	104.4	109.2	20.25	24.3	
0+45	ZI	103.9	110.6	22.19	26.62	
0+00	ZI	104.4	109.1	17.75	21.3	
0+45	ZI	104.5	111.1	20.78	24.94	

City of Anaheim

FWD Deflections

Street: Nohl Ranch Rd
Site ID: NOH

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	23.05	16.11	18.01
Standard Deviation (mils):	8.98	4.63	3.14
80th% Deflection (Avg + 0.84s) (mils):	30.59	20.00	20.65
Total Test Points:	26	26	28
Overlay Thickness (in.)	5.1	2.1	2.3

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	83.8	106.1	9.09	10.91	
0+12	UnCut	83.9	105.4	8.86	10.63	
0+20	UnCut	83.6	106.5	10.5	12.59	
0+28	UnCut	83.0	107.7	12.28	14.74	
0+36	UnCut	82.9	103.0	17.89	21.46	
0+44	UnCut	83.2	104.5	15.21	18.25	
0+51	UnCut	83.2	105.8	23.62	28.34	
0+61	UnCut	83.3	105.9	25.89	31.07	
0+68	UnCut	83.5	106.1	26.47	31.76	
0+76	UnCut	83.0	104.1	17.85	21.42	
0+84	UnCut	83.0	105.8	34.9	41.88	
0+93	UnCut	83.1	105.9	33.35	40.02	
0+96	UnCut	83.2	105.1	29.01	34.81	
0+04	UnCut	83.7	104.4	24.03	28.84	
0+12	UnCut	83.8	106.1	26.93	32.31	
0+20	UnCut	83.7	106.9	26.02	31.22	
0+28	UnCut	83.5	106.3	21.84	26.21	
0+36	UnCut	83.5	106.5	15.95	19.14	
0+44	UnCut	83.4	107.0	14.35	17.22	
0+52	UnCut	83.4	105.6	16.3	19.56	
0+61	UnCut	83.1	105.5	23.59	28.31	
0+68	UnCut	83.2	105.3	14.41	17.3	
0+76	UnCut	83.1	106.3	13.89	16.67	
0+84	UnCut	82.7	105.7	12.01	14.42	
0+92	UnCut	82.8	105.5	12.66	15.19	
0+96	UnCut	82.7	105.4	12.53	15.03	
0+05	Cut	82.4	106.4	11.42	13.7	
0+08	Cut	82.6	106.2	11.67	14	
0+11	Cut	82.5	106.2	13.11	15.73	
0+14	Cut	82.3	105.2	14.83	17.8	
0+17	Cut	82.5	106.2	18.62	22.34	
0+20	Cut	82.7	104.6	14.49	17.39	
0+23	Cut	82.6	103.9	13.7	16.44	
0+26	Cut	82.8	103.8	11.89	14.27	
0+29	Cut	82.9	104.2	10.94	13.13	
0+32	Cut	83.0	105.3	12.64	15.16	
0+35	Cut	83.1	105.7	17.56	21.07	
0+38	Cut	83.1	105.1	17.45	20.94	
0+42	Cut	83.2	104.6	17.39	20.87	
0+05	Cut	83.0	107.3	11.34	13.6	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+08	Cut	83.1	106.8	15.03	18.04	
0+11	Cut	83.2	106.5	14.15	16.98	
0+14	Cut	83.0	106.1	16.03	19.24	
0+17	Cut	82.7	106.2	17	20.4	
0+20	Cut	83.0	105.2	16.61	19.93	
0+23	Cut	83.0	105.0	19.82	23.79	
0+26	Cut	83.1	105.3	16.9	20.28	
0+29	Cut	82.9	105.2	12.33	14.8	
0+32	Cut	83.0	105.5	12.43	14.91	
0+35	Cut	83.1	105.6	13.29	15.95	
0+38	Cut	83.1	106.1	16.03	19.24	
0+42	Cut	82.8	105.2	17.37	20.84	
0+45	Cut	82.8	105.5	18.49	22.19	
0+48	Cut	82.9	105.6	17.76	21.31	
0+00	ZI	92.5	106.8	7.66	9.19	
0+02	ZI	91.6	106.7	8.14	9.77	
0+04	ZI	90.8	105.3	10.38	12.46	
0+06	ZI	90.0	105.2	10.33	12.39	
0+08	ZI	89.3	105.4	10.08	12.1	
0+10	ZI	88.8	103.0	10.58	12.7	
0+12	ZI	88.1	109.8	10.66	12.8	
0+14	ZI	87.2	102.3	19.47	23.36	
0+16	ZI	86.6	101.8	13.95	16.75	
0+18	ZI	86.0	102.1	13.59	16.3	
0+20	ZI	85.9	102.5	11.48	13.78	
0+22	ZI	85.7	99.8	12.69	15.23	
0+24	ZI	85.4	102.9	14.35	17.23	
0+26	ZI	85.1	102.8	13.25	15.9	
0+28	ZI	84.9	103.0	17.36	20.83	
0+30	ZI	84.7	103.8	14.2	17.03	
0+32	ZI	84.6	109.5	12.52	15.02	
0+34	ZI	84.3	109.1	12.75	15.3	
0+36	ZI	84.2	100.7	12.92	15.51	
0+38	ZI	84.2	102.0	12.83	15.39	
0+40	ZI	84.0	102.5	14.27	17.12	
0+42	ZI	84.0	102.8	13.4	16.08	
0+44	ZI	83.8	101.7	14.37	17.24	
0+46	ZI	84.0	102.6	15.27	18.33	
0+48	ZI	84.0	103.1	15.03	18.03	
0+50	ZI	83.9	103.0	27.48	32.98	

City of Anaheim

FWD Deflections

Street: Knott
Site ID: Knott

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	11.92	13.97	11.92
Standard Deviation (mils):	3.19	4.65	1.66
80th% Deflection (Avg + 0.84s) (mils):	14.59	17.88	13.32
Total Test Points:	51	18	23
Overlay Thickness (in.)	0.1	1.3	0.1

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	72.3	79.9	9.79	11.75	
0+04	UnCut	72.8	80.2	8.65	10.38	
0+09	UnCut	73.0	80.7	9.41	11.29	
0+12	UnCut	73.1	80.7	10.23	12.28	
0+16	UnCut	73.5	69.0	9.95	11.94	
0+20	UnCut	73.8	80.0	9.14	10.96	
0+24	UnCut	74.1	80.2	8.8	10.56	
0+28	UnCut	74.2	81.1	8.81	10.57	
0+32	UnCut	74.5	79.5	8.48	10.17	
0+36	UnCut	74.6	79.5	8.05	9.66	
0+39	UnCut	74.7	80.6	8.21	9.85	
0+44	UnCut	74.9	80.7	7.83	9.39	
0+48	UnCut	75.1	79.8	7.95	9.54	
0+52	UnCut	75.2	68.2	7.76	9.31	
0+56	UnCut	75.3	68.2	7.18	8.62	
0+60	UnCut	75.5	68.2	6.72	8.07	
0+64	UnCut	75.7	68.2	6.57	7.89	
0+68	UnCut	75.9	67.8	6.21	7.45	
0+72	UnCut	76.1	67.5	6.06	7.27	
0+76	UnCut	76.2	68.0	6.09	7.31	
0+80	UnCut	76.3	68.1	6.36	7.63	
0+84	UnCut	76.4	69.2	6.69	8.03	
0+88	UnCut	76.6	69.1	6.99	8.39	
0+92	UnCut	76.8	69.5	7.19	8.62	
0+96	UnCut	76.9	69.7	6.88	8.26	
0+99	UnCut	77.1	69.0	8.18	9.82	
0+00	UnCut	77.4	83.3	11.26	13.51	
0+04	UnCut	77.6	83.4	13.2	15.84	
0+09	UnCut	77.8	83.4	13.82	16.59	
0+13	UnCut	77.9	83.3	13.57	16.28	
0+18	UnCut	78.0	79.8	13.05	15.67	
0+24	UnCut	78.2	83.8	8.67	10.41	
0+28	UnCut	78.3	83.5	9.21	11.05	
0+32	UnCut	78.4	84.3	7.83	9.4	
0+36	UnCut	78.5	83.8	9.64	11.57	
0+39	UnCut	78.6	84.4	13.7	16.45	
0+44	UnCut	78.7	84.5	15.1	18.12	
0+48	UnCut	78.8	83.9	14.62	17.54	
0+52	UnCut	78.9	84.0	12.73	15.28	
0+56	UnCut	78.9	84.4	11.5	13.8	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+60	UnCut	78.9	84.3	11.22	13.47	
0+64	UnCut	79.0	84.3	12.19	14.63	
0+68	UnCut	79.1	84.4	11.98	14.38	
0+72	UnCut	79.2	83.8	11.33	13.6	
0+76	UnCut	79.3	83.7	10.81	12.97	
0+80	UnCut	79.4	83.8	10.61	12.74	
0+84	UnCut	79.4	84.5	12.07	14.48	
0+88	UnCut	79.6	85.0	13.79	16.55	
0+93	UnCut	79.7	84.3	13.7	16.45	
0+96	UnCut	79.7	85.2	13.95	16.74	
1+00	UnCut	79.9	85.7	12.63	15.16	
0+00	Cut	57.8	65.2	13	15.6	
0+02	Cut	58.2	67.1	10.66	12.79	
0+03	Cut	58.3	65.6	10.25	12.3	
0+05	Cut	58.5	65.7	11.5	13.8	
0+06	Cut	58.7	66.5	12	14.4	
0+07	Cut	58.9	66.5	9.55	11.45	
0+09	Cut	59.1	65.2	10.26	12.31	
0+10	Cut	59.2	65.4	10.73	12.87	
0+12	Cut	59.5	65.8	11.18	13.42	
0+13	Cut	59.6	65.2	10.98	13.18	
0+00	Cut	60.1	67.3	7.7	9.24	
0+02	Cut	60.8	68.5	8.09	9.71	
0+03	Cut	61.1	68.3	7.97	9.57	
0+04	Cut	61.4	68.1	9.84	11.81	
0+06	Cut	61.6	68.8	10.67	12.81	
0+07	Cut	61.8	68.5	9.05	10.86	
0+09	Cut	62.2	68.8	10.78	12.93	
0+10	Cut	62.5	69.1	9.13	10.96	
0+12	Cut	62.8	67.2	8.08	9.7	
0+14	Cut	63.1	68.7	8.45	10.13	
0+04	Cut	80.4	87.4	8.83	10.6	
0+07	Cut	80.5	87.0	9.72	11.66	
0+10	Cut	80.6	86.5	10.12	12.15	
0+00	ZI	64.5	69.7	10.2	12.24	
0+02	ZI	64.9	71.1	9.94	11.93	
0+03	ZI	65.3	71.7	8.56	10.27	
0+04	ZI	65.6	72.1	9.08	10.9	
0+06	ZI	65.8	72.4	11.98	14.37	
0+07	ZI	65.9	72.5	15.94	19.13	
0+09	ZI	66.3	72.6	16.74	20.09	
0+11	ZI	66.5	71.5	17.11	20.53	
0+12	ZI	66.7	71.2	16.61	19.93	
0+13	ZI	67.0	72.1	16.19	19.42	
-0+02	ZI	67.7	72.5	15.96	19.16	
0+17	ZI	68.0	72.4	9.5	11.4	
-0+03	ZI	68.3	73.9	7.94	9.53	
0+17	ZI	68.7	72.9	13.99	16.78	
-0+03	ZI	69.3	74.7	6.82	8.18	
0+17	ZI	69.8	73.4	7.89	9.47	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
-0+04	ZI	69.9	75.0	6.61	7.93	
0+17	ZI	70.5	73.8	8.52	10.23	

City of Anaheim

FWD Deflections

Street: Magnolia
Site ID: MAG

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	12.79	13.33	16.44
Standard Deviation (mils):	3.76	6.39	12.02
80th% Deflection (Avg + 0.84s) (mils):	15.95	18.69	26.54
Total Test Points:	45	23	32
Overlay Thickness (in.)	0.6	1.5	4.2

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	92.7	95.5	8.01	9.61	
0+04	UnCut	92.6	95.0	11.31	13.58	
0+09	UnCut	92.5	95.3	10.93	13.11	
0+11	UnCut	92.7	95.4	10.99	13.19	
0+16	UnCut	92.8	96.9	10.88	13.05	
0+20	UnCut	92.9	97.2	11.56	13.87	
0+24	UnCut	93.0	97.6	11.59	13.9	
0+28	UnCut	93.1	97.8	11.95	14.34	
0+32	UnCut	93.2	97.1	11.86	14.23	
0+35	UnCut	93.4	97.1	12.28	14.73	
0+40	UnCut	93.7	97.2	12.42	14.91	
0+45	UnCut	93.6	98.3	11.65	13.98	
0+48	UnCut	93.7	98.3	11.68	14.02	
0+52	UnCut	93.7	97.6	8.35	10.01	
0+56	UnCut	93.8	97.2	6.25	7.5	
0+60	UnCut	93.6	97.1	5.9	7.08	
0+64	UnCut	93.6	97.2	6.22	7.46	
0+68	UnCut	93.6	97.4	5.63	6.75	
0+72	UnCut	93.4	97.3	5.4	6.48	
0+77	UnCut	93.5	97.7	4.87	5.85	
0+80	UnCut	93.4	96.6	5.11	6.13	
0+84	UnCut	93.3	97.4	6.42	7.7	
0+88	UnCut	93.1	97.3	7.94	9.52	
0+92	UnCut	93.1	95.4	8.63	10.35	
0+96	UnCut	92.8	96.4	8.57	10.28	
1+00	UnCut	92.5	96.6	9.04	10.85	
0+00	UnCut	92.4	100.1	14.21	17.06	
0+04	UnCut	92.4	98.8	15.81	18.97	
0+08	UnCut	92.4	98.3	15.53	18.64	
0+12	UnCut	92.2	98.7	15.67	18.8	
0+16	UnCut	92.1	99.1	14.22	17.06	
0+21	UnCut	92.0	99.0	13.02	15.62	
0+24	UnCut	92.2	97.1	12.74	15.29	
0+28	UnCut	92.3	98.9	11.17	13.4	
0+32	UnCut	92.6	99.3	11.27	13.52	
0+35	UnCut	92.8	99.0	12.11	14.53	
0+38	UnCut	92.9	99.0	12.37	14.84	
0+45	UnCut	93.3	100.4	12.41	14.89	
0+53	UnCut	93.5	100.0	11.51	13.81	
0+60	UnCut	93.6	101.1	12.19	14.62	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+68	UnCut	93.4	100.3	18.18	21.81	
0+76	UnCut	93.5	100.2	13.09	15.7	
0+84	UnCut	93.4	100.2	10.85	13.02	
0+93	UnCut	93.4	99.9	9.63	11.56	
1+00	UnCut	93.3	99.6	8.45	10.14	
0+00	Cut	90.6	89.3	25.05	30.06	
0+02	Cut	90.7	88.6	25.58	30.7	
0+05	Cut	90.9	88.3	23.95	28.74	
0+08	Cut	91.1	87.6	23.32	27.99	
0+10	Cut	91.2	87.4	24.6	29.52	
0+13	Cut	91.3	89.2	24.96	29.95	
0+15	Cut	91.5	89.2	28.45	34.14	
0+17	Cut	91.7	89.5	29.71	35.65	
0+20	Cut	91.7	89.6	30.07	36.09	
0+23	Cut	92.0	90.0	28.99	34.79	
0+25	Cut	92.4	90.1	26.49	31.79	
0+28	Cut	92.6	89.0	18.76	22.51	
0+02	Cut	92.7	91.6	5.9	7.07	
0+05	Cut	92.7	89.5	7.74	9.29	
0+08	Cut	92.6	89.2	7.86	9.43	
0+10	Cut	92.6	89.4	6.42	7.7	
0+13	Cut	92.3	89.6	5.09	6.11	
0+15	Cut	92.2	89.9	4.78	5.73	
0+17	Cut	92.2	90.3	5.37	6.44	
0+20	Cut	92.2	90.4	2.96	3.55	
0+23	Cut	92.3	91.2	2.74	3.28	
0+25	Cut	92.3	92.5	2.7	3.24	
0+03	Cut	92.3	93.7	12.06	14.47	
0+05	Cut	92.2	93.0	10.29	12.35	
0+07	Cut	92.2	92.4	10.52	12.62	
0+10	Cut	92.1	91.2	10.74	12.89	
0+13	Cut	92.3	91.2	10.89	13.07	
0+15	Cut	92.3	92.3	4.31	5.17	
0+18	Cut	92.4	92.2	3.44	4.12	
0+20	Cut	92.5	92.3	4.03	4.84	
0+23	Cut	92.4	92.5	4.81	5.77	
0+25	Cut	92.3	93.0	5.79	6.94	
0+00	ZI	92.4	93.7	11.73	14.07	
0+34	ZI	92.5	93.3	11.41	13.69	
0+00	ZI	92.5	93.1	11.06	13.27	
0+34	ZI	92.5	92.8	9.65	11.59	
0+00	ZI	92.6	92.5	12.03	14.44	
0+34	ZI	92.4	92.9	9.54	11.45	
0+00	ZI	92.8	92.9	13.3	15.96	
0+34	ZI	92.8	92.6	6.96	8.36	
0+00	ZI	92.9	93.1	7.67	9.21	
0+34	ZI	92.7	93.0	6.43	7.71	
0+00	ZI	92.7	94.3	5.11	6.13	
0+34	ZI	92.6	93.5	4.87	5.84	
0+34	ZI	92.7	93.5	7.79	9.35	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+34	ZI	92.8	92.6	10.46	12.55	
0+34	ZI	92.6	93.3	19.73	23.68	
0+33	ZI	92.8	93.3	23.57	28.29	
0+33	ZI	92.9	93.7	25.18	30.21	
0+00	ZI	92.8	94.2	8.19	9.82	
0+34	ZI	92.3	93.6	6.23	7.47	
0+00	ZI	92.7	93.8	12.98	15.58	
0+34	ZI	92.6	93.7	7.8	9.36	
0+00	ZI	92.8	95.8	11.52	13.82	
0+34	ZI	92.5	95.6	12.21	14.66	

City of Anaheim

FWD Deflections

Street: La Palma
Site ID: LAP

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	13.71	38.92	43.64
Standard Deviation (mils):	6.21	10.61	20.68
80th% Deflection (Avg + 0.84s) (mils):	18.93	47.83	61.01
Total Test Points:	26	18	26
Overlay Thickness (in.)	0.1	5.9	7.3

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	76.9	81.1	6.14	7.37	
0+12	UnCut	76.9	88.7	5.37	6.45	
0+20	UnCut	77.0	89.6	5.9	7.08	
0+28	UnCut	77.0	89.9	7.1	8.52	
0+36	UnCut	77.1	90.6	6.78	8.14	
0+45	UnCut	77.1	90.8	7.32	8.78	
0+52	UnCut	77.1	90.3	9.47	11.36	
0+60	UnCut	77.0	90.5	19.13	22.96	
0+68	UnCut	77.0	90.9	10.67	12.81	
0+76	UnCut	77.0	91.7	9.63	11.56	
0+84	UnCut	76.9	91.8	7.61	9.13	
0+92	UnCut	76.9	92.1	9.34	11.21	
0+96	UnCut	76.8	91.8	9.47	11.37	
0+04	UnCut	76.5	93.4	11.14	13.37	
0+12	UnCut	76.5	92.0	10.69	12.83	
0+20	UnCut	76.5	91.7	7.29	8.75	
0+28	UnCut	76.5	91.0	7.56	9.07	
0+36	UnCut	76.6	91.0	8.83	10.6	
0+44	UnCut	76.5	90.1	9.11	10.93	
0+52	UnCut	76.4	90.5	12.85	15.42	
0+60	UnCut	76.3	90.6	18.86	22.63	
0+68	UnCut	76.0	92.0	21.72	26.06	
0+74	UnCut	76.0	92.1	17.78	21.33	
0+82	UnCut	76.0	91.5	18.99	22.79	
0+90	UnCut	76.0	91.3	20.26	24.31	
0+96	UnCut	75.9	92.3	18.09	21.71	
0+03	Cut	75.9	92.2	36.82	44.18	
0+06	Cut	76.0	90.0	44.05	52.86	
0+09	Cut	76.1	87.9	42.53	51.04	
0+12	Cut	76.3	88.1	43.06	51.67	
0+15	Cut	76.2	86.4	44.35	53.22	
0+18	Cut	76.3	84.3	40.33	48.4	
0+21	Cut	76.3	80.8	41.36	49.63	
0+23	Cut	76.6	75.2	15.31	18.37	
0+26	Cut	76.7	72.5	60.24	72.28	
0+03	Cut	76.9	91.8	34.75	41.7	
0+06	Cut	76.9	90.3	41.12	49.35	
0+09	Cut	77.1	88.7	44.51	53.41	
0+12	Cut	77.3	87.8	44.84	53.8	
0+15	Cut	77.3	87.5	53.28	63.94	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+19	Cut	77.3	86.6	62.05	74.46	
0+21	Cut	77.4	86.1	11.72	14.06	
0+24	Cut	77.6	85.4	42.76	51.31	
0+27	Cut	77.7	82.3	48.19	57.83	
0+03	Cut	77.8	92.2	14.79	17.74	
0+06	Cut	77.7	91.9	8.05	9.66	
0+09	Cut	77.9	90.5	8.21	9.85	
0+12	Cut	78.0	89.2	7.71	9.26	
0+15	Cut	78.0	87.9	8.8	10.57	
0+18	Cut	78.0	91.5	38.75	46.5	
0+21	Cut	78.2	88.6	55.51	66.61	
0+24	Cut	78.3	91.0	52.42	62.91	
-0+02	ZI	78.5	92.5	23.91	28.69	
0+32	ZI	78.7	95.1	21.6	25.92	
-0+02	ZI	78.9	95.6	24.01	28.81	
0+32	ZI	79.3	93.8	23.13	27.76	
-0+02	ZI	79.5	95.4	30.88	37.06	
0+32	ZI	79.5	95.6	34.72	41.67	
-0+02	ZI	79.6	97.0	32.68	39.22	
0+32	ZI	79.7	95.3	46.47	55.76	
-0+02	ZI	79.8	93.0	27.22	32.66	
0+32	ZI	79.8	95.3	41.6	49.92	
-0+02	ZI	79.9	94.7	30.66	36.79	
0+31	ZI	79.9	93.7	45.81	54.97	
-0+02	ZI	79.8	96.4	26.3	31.56	
0+32	ZI	79.7	82.6	40.19	48.23	
-0+02	ZI	79.6	96.4	22.84	27.41	
0+32	ZI	79.6	84.3	32.47	38.97	
-0+02	ZI	79.8	96.4	29.99	35.99	
0+32	ZI	79.8	72.6	49.38	59.25	

City of Anaheim

FWD Deflections

Street: Nohl Ranch Rd 2
Site ID: NOH2

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	4.03	6.55	3.32
Standard Deviation (mils):	0.89	0.63	0.79
80th% Deflection (Avg + 0.84s) (mils):	4.78	7.08	3.98
Total Test Points:	26	25	37
Overlay Thickness (in.)	0.0	0.0	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	85.2	89.4	2.71	3.25	
0+12	UnCut	85.8	90.5	2.7	3.24	
0+20	UnCut	86.1	92.5	3.03	3.64	
0+28	UnCut	86.5	92.7	3.21	3.85	
0+35	UnCut	86.9	93.0	3.42	4.1	
0+44	UnCut	87.1	92.4	3.01	3.62	
0+52	UnCut	87.8	92.6	2.96	3.56	
0+60	UnCut	88.1	93.0	2.88	3.46	
0+68	UnCut	88.9	92.3	3.07	3.69	
0+76	UnCut	89.8	92.7	3.02	3.62	
0+84	UnCut	90.4	93.8	2.92	3.51	
0+92	UnCut	90.6	93.7	4.02	4.83	
0+96	UnCut	90.6	92.3	3.5	4.21	
0+05	UnCut	90.1	95.2	2.77	3.33	
0+12	UnCut	89.5	94.6	2.88	3.45	
0+20	UnCut	89.7	94.7	2.85	3.42	
0+28	UnCut	90.3	94.6	3.01	3.62	
0+36	UnCut	90.9	95.2	4.71	5.65	
0+44	UnCut	91.4	95.0	4	4.8	
0+52	UnCut	92.0	95.0	2.88	3.45	
0+60	UnCut	92.8	95.2	2.82	3.38	
0+68	UnCut	92.8	94.7	3.28	3.94	
0+76	UnCut	93.2	94.6	3.24	3.89	
0+84	UnCut	94.0	94.5	3.66	4.39	
0+92	UnCut	94.5	95.3	5.33	6.4	
0+96	UnCut	94.9	94.2	5.31	6.38	
0+02	Cut	93.9	97.5	2.09	2.51	
0+03	Cut	94.2	96.6	2.12	2.54	
0+04	Cut	94.8	96.3	2.05	2.47	
0+06	Cut	94.1	96.2	2.29	2.75	
0+08	Cut	93.5	97.1	2.48	2.98	
0+09	Cut	92.9	96.2	2.43	2.92	
0+10	Cut	92.9	95.8	2.26	2.71	
0+11	Cut	92.3	95.8	2.17	2.61	
0+13	Cut	91.4	96.7	2.19	2.63	
0+15	Cut	91.3	95.9	2.34	2.81	
0+16	Cut	91.9	94.9	2.37	2.84	
0+18	Cut	92.2	95.4	2.5	2.99	
0+19	Cut	92.2	95.1	2.86	3.43	
0+21	Cut	92.0	94.7	2.45	2.94	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+23	Cut	91.7	94.2	2.54	3.05	
0+23	Cut	91.8	94.0	2.5	3	
0+25	Cut	91.7	94.0	2.56	3.08	
0+27	Cut	91.9	94.6	2.41	2.9	
0+29	Cut	92.0	94.9	2.41	2.89	
0+31	Cut	92.2	95.4	2.58	3.09	
0+34	Cut	92.5	94.6	2.34	2.8	
0+36	Cut	92.7	95.2	2.33	2.79	
0+38	Cut	92.1	96.2	2.78	3.33	
0+40	Cut	91.9	97.1	3.05	3.66	
0+43	Cut	92.9	97.0	2.49	2.99	
0+45	Cut	93.8	96.9	2.42	2.91	
0+47	Cut	94.0	96.7	2.56	3.07	
0+50	Cut	94.1	96.2	2.9	3.48	
0+52	Cut	94.2	97.2	3.25	3.9	
0+54	Cut	93.5	96.5	3.14	3.77	
0+57	Cut	93.5	97.1	3.19	3.82	
0+58	Cut	94.6	96.6	3.46	4.15	
0+60	Cut	92.8	97.7	3.69	4.43	
0+62	Cut	93.3	96.8	3.97	4.77	
0+64	Cut	93.5	96.7	4.15	4.98	
0+67	Cut	94.3	98.4	4.26	5.11	
0+69	Cut	95.1	96.8	4.65	5.58	
0+00	ZI	96.0	101.5	5.34	6.41	
0+02	ZI	96.1	99.3	5.17	6.2	
0+04	ZI	95.8	97.7	5.23	6.28	
0+06	ZI	95.4	98.7	5.22	6.27	
0+08	ZI	95.3	97.6	5.23	6.27	
0+10	ZI	95.6	97.8	5.17	6.2	
0+12	ZI	96.0	97.2	5.13	6.16	
0+14	ZI	96.0	96.4	5.87	7.04	
0+16	ZI	95.9	96.4	6.71	8.05	
0+18	ZI	96.1	96.4	6.5	7.8	
0+20	ZI	95.6	96.8	6.17	7.4	
0+22	ZI	95.0	96.6	6.22	7.46	
0+24	ZI	94.9	97.4	6.18	7.41	
0+26	ZI	94.1	97.5	5.47	6.57	
0+28	ZI	94.4	98.9	5.47	6.56	
0+30	ZI	94.4	98.2	4.91	5.89	
0+32	ZI	94.4	97.7	4.76	5.71	
0+34	ZI	95.1	98.2	4.73	5.67	
0+36	ZI	94.9	99.2	5.31	6.37	
0+38	ZI	94.3	100.2	5.5	6.6	
0+40	ZI	94.4	99.7	5.02	6.03	
0+42	ZI	94.5	100.7	5.25	6.3	
0+44	ZI	94.9	101.3	5.21	6.25	
0+46	ZI	94.0	100.2	5.56	6.67	
0+62	ZI	94.5	104.7	5.08	6.1	

City of Anaheim

FWD Deflections

Street: Anaheim Hills
Site ID: ANA

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	12.63	28.17	12.90
Standard Deviation (mils):	1.61	9.69	3.51
80th% Deflection (Avg + 0.84s) (mils):	13.98	36.31	15.85
Total Test Points:	25	20	25
Overlay Thickness (in.)	0.1	5.9	0.6

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	66.2	69.6	10.89	13.07	
0+12	UnCut	66.1	69.4	11.22	13.47	
0+20	UnCut	66.0	70.7	10.81	12.97	
0+28	UnCut	65.9	69.9	10.7	12.84	
0+37	UnCut	65.6	70.2	11.51	13.82	
0+44	UnCut	65.4	72.0	10.91	13.09	
0+52	UnCut	65.3	79.1	10.3	12.36	
0+60	UnCut	65.1	74.3	10.24	12.28	
0+68	UnCut	65.2	69.6	10.86	13.03	
0+76	UnCut	65.1	69.9	11.47	13.76	
0+84	UnCut	65.0	69.6	11.44	13.73	
0+92	UnCut	64.8	71.1	10.32	12.39	
0+04	UnCut	64.6	68.5	12.84	15.41	
0+12	UnCut	64.5	69.4	13.42	16.11	
0+20	UnCut	64.5	70.7	12.89	15.47	
0+28	UnCut	64.6	69.4	10.03	12.04	
0+36	UnCut	64.6	69.4	9.24	11.09	
0+44	UnCut	64.6	70.4	7.79	9.34	
0+52	UnCut	64.5	74.8	8.17	9.81	
0+60	UnCut	64.5	71.9	8.9	10.67	
0+68	UnCut	64.6	68.7	9.76	11.71	
0+76	UnCut	64.6	68.6	9.92	11.9	
0+84	UnCut	64.5	70.2	9.84	11.81	
0+92	UnCut	64.5	69.5	10.01	12.01	
0+96	UnCut	64.5	69.9	9.66	11.6	
0+02	Cut	64.7	77.1	14.32	17.18	
0+03	Cut	64.7	75.0	14.29	17.14	
0+04	Cut	64.7	72.5	13.6	16.32	
0+06	Cut	64.7	70.9	10.96	13.15	
0+08	Cut	64.7	70.3	10.01	12.01	
0+09	Cut	64.7	70.1	9.28	11.13	
0+10	Cut	64.7	70.4	9.9	11.88	
0+12	Cut	64.7	70.5	10.57	12.69	
0+14	Cut	64.7	70.9	12.02	14.43	
0+02	Cut	64.8	73.7	10.53	12.63	
0+04	Cut	64.8	72.1	4.78	5.73	
0+06	Cut	64.9	70.0	2.49	2.99	
0+12	Cut	65.0	70.2	4.93	5.92	
0+14	Cut	65.1	70.6	8.83	10.6	
0+16	Cut	65.2	71.1	10.47	12.56	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+18	Cut	65.3	72.6	11.08	13.29	
0+20	Cut	65.4	73.5	11.58	13.9	
0+22	Cut	65.6	76.3	11.96	14.35	
0+24	Cut	65.7	76.5	12.01	14.42	
0+26	Cut	65.8	77.5	11.75	14.1	
0+28	Cut	66.0	81.2	12.12	14.54	
0+30	Cut	66.1	83.4	12.28	14.73	
0+32	Cut	66.3	86.5	13.68	16.42	
0+34	Cut	66.4	85.5	12.5	15	
0+36	Cut	66.7	84.9	12.81	15.37	
0+00	ZI	67.2	73.6	14.41	17.29	
0+00	ZI	67.4	73.9	16.57	19.89	
0+00	ZI	67.7	74.2	11.71	14.05	
0+00	ZI	68.2	75.7	11.32	13.59	
0+22	ZI	68.8	72.9	17.13	20.56	
0+23	ZI	69.0	73.5	17.91	21.49	
0+25	ZI	69.0	74.0	19.07	22.88	
0+27	ZI	69.1	78.9	17.22	20.66	
0+28	ZI	69.2	79.7	18.57	22.28	
0+30	ZI	69.4	80.8	22.28	26.73	
0+32	ZI	69.5	83.3	22.39	26.87	
0+33	ZI	69.6	84.2	25.08	30.1	
0+33	ZI	69.8	83.8	24.71	29.65	
0+35	ZI	70.0	86.0	28.41	34.09	
0+36	ZI	70.2	86.0	34	40.8	
0+37	ZI	70.3	85.1	34.04	40.85	
0+39	ZI	70.5	84.0	32.92	39.5	
0+40	ZI	70.5	82.8	33.79	40.55	
0+42	ZI	70.8	81.7	33.5	40.2	
0+44	ZI	71.0	78.2	34.45	41.35	

City of Anaheim

FWD Deflections

Street: Santa Ana
Site ID: SAN

	UnCut	Zone of Influence	Cut
Average Deflection (mils):	22.23	20.45	15.75
Standard Deviation (mils):	3.97	3.36	5.75
80th% Deflection (Avg + 0.84s) (mils):	25.57	23.26	20.58
Total Test Points:	24	18	21
Overlay Thickness (in.)	1.5	0.9	1.3

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+03	UnCut	79.1	105.9	20.11	24.13	
0+11	UnCut	79.2	104.8	16.45	19.74	
0+20	UnCut	79.3	104.6	17.1	20.53	
0+28	UnCut	79.4	103.4	22.4	26.89	
0+36	UnCut	79.6	100.2	21.29	25.54	
0+44	UnCut	79.5	102.1	19.39	23.27	
0+52	UnCut	79.6	99.6	18.99	22.79	
0+60	UnCut	79.8	100.9	19.19	23.03	
0+67	UnCut	79.6	102.0	21.1	25.32	
0+76	UnCut	79.7	99.9	23.06	27.68	
0+84	UnCut	79.9	100.5	25.17	30.21	
0+92	UnCut	79.6	101.5	24.32	29.18	
0+04	UnCut	79.8	105.5	19.84	23.81	
0+12	UnCut	79.8	103.3	14.12	16.94	
0+20	UnCut	79.9	101.7	13.29	15.95	
0+28	UnCut	79.9	102.6	15.23	18.28	
0+36	UnCut	79.8	102.2	15.27	18.33	
0+45	UnCut	79.9	102.8	15.62	18.74	
0+52	UnCut	80.0	98.9	16.12	19.34	
0+60	UnCut	80.1	100.3	17.56	21.07	
0+68	UnCut	80.1	102.3	14.34	17.2	
0+76	UnCut	80.1	99.1	16.49	19.79	
0+84	UnCut	80.0	100.8	17.41	20.89	
0+92	UnCut	79.9	100.7	20.82	24.98	
0+02	Cut	81.7	103.3	18.28	21.94	
0+03	Cut	81.7	102.8	17.24	20.68	
0+05	Cut	81.7	101.8	14.66	17.6	
0+06	Cut	81.7	101.1	6.09	7.31	
0+07	Cut	81.7	100.2	5.9	7.08	
0+09	Cut	81.5	98.3	9.8	11.76	
0+10	Cut	81.5	98.1	14.97	17.96	
0+02	Cut	81.0	101.6	17.5	21	
0+03	Cut	81.1	100.4	17.89	21.46	
0+05	Cut	81.0	98.8	17.22	20.67	
0+06	Cut	81.1	98.3	11.16	13.39	
0+07	Cut	81.0	98.2	4.15	4.98	
0+09	Cut	80.8	98.4	8.65	10.38	
0+11	Cut	80.7	96.9	15.68	18.81	
0+02	Cut	80.4	99.8	15.37	18.45	
0+03	Cut	80.0	99.0	16.63	19.95	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+05	Cut	80.1	97.7	17.01	20.42	
0+06	Cut	80.1	97.5	13.58	16.29	
0+07	Cut	79.8	97.1	4.37	5.25	
0+09	Cut	79.6	96.7	12.12	14.54	
0+10	Cut	79.4	96.1	17.36	20.83	
-0+02	ZI	79.5	102.4	17.98	21.57	
0+16	ZI	79.8	101.8	19.35	23.23	
-0+02	ZI	79.9	102.3	17.53	21.04	
0+16	ZI	80.0	102.5	19.23	23.08	
-0+02	ZI	79.9	102.4	17.39	20.87	
0+17	ZI	80.1	101.9	18.97	22.76	
-0+02	ZI	80.1	102.2	16.87	20.25	
0+17	ZI	80.0	101.7	17.83	21.39	
-0+02	ZI	79.6	101.4	15.07	18.08	
0+17	ZI	79.4	98.4	18.68	22.42	
-0+02	ZI	79.6	100.9	13.73	16.48	
0+17	ZI	79.5	99.6	19.88	23.85	
-0+02	ZI	79.5	101.2	12.37	14.84	
0+17	ZI	79.7	99.1	19.34	23.2	
-0+02	ZI	79.7	102.0	11.72	14.07	
0+17	ZI	79.7	100.3	19.75	23.7	
-0+02	ZI	79.5	101.7	12.02	14.43	
0+17	ZI	79.5	100.2	18.98	22.77	

City of Anaheim

FWD Deflections

Street: Miraloma
Site ID: MIR

	UnCut	Zone of Influence	Cut
Average Deflection (mils):	14.94	17.18	11.33
Standard Deviation (mils):	7.12	6.41	6.70
80th% Deflection (Avg + 0.84s) (mils):	20.91	22.56	16.96
Total Test Points:	24	18	30
Overlay Thickness (in.)	1.3	2.0	0.1

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	80.5	81.0	11.32	13.59	
0+12	UnCut	80.9	77.2	1.74	2.09	
0+36	UnCut	81.0	79.8	10.73	12.88	
0+44	UnCut	81.0	79.6	10.39	12.47	
0+52	UnCut	81.3	78.9	15.21	18.26	
0+60	UnCut	80.9	78.6	14.43	17.31	
0+68	UnCut	80.6	78.3	8.46	10.15	
0+76	UnCut	81.0	78.9	6.29	7.55	
0+84	UnCut	81.2	79.0	2.03	2.43	
0+92	UnCut	81.0	79.7	1.51	1.81	
1+00	UnCut	81.1	79.4	1.36	1.63	
0+04	UnCut	79.9	83.8	13.91	16.69	
0+12	UnCut	79.8	82.9	15.24	18.29	
0+20	UnCut	80.1	81.9	14.33	17.2	
0+28	UnCut	80.8	80.9	17.4	20.89	
0+36	UnCut	81.3	81.1	14.4	17.28	
0+44	UnCut	81.6	81.1	17.89	21.46	
0+52	UnCut	82.0	81.4	14.02	16.83	
0+60	UnCut	82.3	81.6	15.75	18.9	
0+68	UnCut	82.0	82.5	17.64	21.16	
0+76	UnCut	81.4	81.9	18.84	22.61	
0+84	UnCut	81.0	80.5	17.36	20.83	
0+92	UnCut	81.0	80.9	19.08	22.89	
0+96	UnCut	80.8	82.1	19.39	23.27	
0+02	Cut	78.4	71.8	5.84	7.01	
0+03	Cut	78.9	71.5	5.81	6.98	
0+05	Cut	79.0	72.1	5.92	7.11	
0+06	Cut	79.5	71.7	6.02	7.22	
0+07	Cut	79.8	72.5	6.36	7.63	
0+09	Cut	79.9	72.4	6.27	7.53	
0+11	Cut	79.9	72.9	6.26	7.51	
0+12	Cut	79.9	73.1	5.97	7.16	
0+13	Cut	79.8	72.8	5.67	6.8	
0+15	Cut	79.7	72.9	5.41	6.49	
0+16	Cut	79.6	72.9	5.44	6.53	
0+17	Cut	79.1	72.4	5.52	6.62	
0+19	Cut	78.8	71.9	5.43	6.52	
0+21	Cut	79.1	71.9	5.97	7.16	
0+22	Cut	78.6	72.0	6.55	7.86	
0+23	Cut	78.5	72.0	6.81	8.17	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+25	Cut	78.2	71.9	7	8.4	
0+11	Cut	78.4	74.8	13.27	15.92	
0+12	Cut	78.6	74.8	12.31	14.77	
0+14	Cut	78.5	74.5	11.24	13.49	
0+15	Cut	78.3	74.3	5.14	6.16	
0+17	Cut	78.0	73.5	5.59	6.71	
0+18	Cut	78.0	73.5	10.92	13.1	
0+20	Cut	77.4	73.1	11.64	13.96	
0+22	Cut	77.6	73.3	12.72	15.27	
0+11	Cut	77.4	74.2	24.18	29.01	
0+13	Cut	77.8	73.7	23.14	27.77	
0+14	Cut	77.9	73.1	12.12	14.55	
0+17	Cut	77.9	72.5	16.69	20.02	
0+20	Cut	78.2	70.2	22.08	26.5	
0+00	ZI	77.9	76.1	6.4	7.68	
0+37	ZI	77.8	76.3	11.24	13.49	
0+00	ZI	77.7	75.7	5.48	6.58	
0+37	ZI	77.8	75.3	9.55	11.45	
0+00	ZI	78.1	75.3	9.06	10.88	
0+37	ZI	77.9	75.1	13.39	16.07	
0+00	ZI	78.0	76.1	14.58	17.5	
0+37	ZI	77.9	75.5	12.94	15.53	
0+10	ZI	78.5	77.3	15.05	18.06	
0+28	ZI	78.6	76.8	13.26	15.91	
0+10	ZI	78.6	77.8	15.74	18.89	
0+28	ZI	78.7	74.9	14.55	17.47	
0+10	ZI	78.3	77.9	14.54	17.45	
0+28	ZI	77.7	76.1	13.84	16.6	
0+10	ZI	78.2	78.1	20.88	25.06	
0+27	ZI	78.7	76.7	17.29	20.75	
0+10	ZI	79.0	76.9	25.64	30.77	
0+27	ZI	79.4	76.7	24.2	29.04	

City of Anaheim

FWD Deflections

Street: Gilbert
Site ID: GIB

	UnCut	Zone of Influence	Cut
Average Deflection (mils):	10.76	10.55	12.46
Standard Deviation (mils):	3.12	2.82	2.19
80th% Deflection (Avg + 0.84s) (mils):	13.38	12.91	14.31
Total Test Points:	26	24	34
Overlay Thickness (in.)	0.0	0.0	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	63.9	81.0	7.14	8.57	
0+08	UnCut	64.0	81.2	7.06	8.47	
0+16	UnCut	64.2	78.9	9.75	11.69	
0+25	UnCut	64.2	71.2	6.74	8.08	
0+32	UnCut	64.4	68.2	6.82	8.19	
0+40	UnCut	64.6	75.7	6.23	7.48	
0+48	UnCut	64.8	71.1	6.5	7.8	
0+56	UnCut	64.9	81.1	6.59	7.91	
0+64	UnCut	65.1	82.1	6.71	8.05	
0+72	UnCut	65.2	82.7	7.35	8.82	
0+80	UnCut	65.2	82.1	7.48	8.98	
0+88	UnCut	65.2	81.2	7.32	8.78	
0+96	UnCut	65.4	81.0	7.16	8.59	
0+04	UnCut	65.8	83.0	14.31	17.17	
0+08	UnCut	65.7	83.0	13.97	16.77	
0+17	UnCut	65.7	80.2	14.12	16.95	
0+24	UnCut	65.9	78.6	9.26	11.12	
0+32	UnCut	66.1	70.0	9.34	11.21	
0+40	UnCut	66.3	79.8	7.73	9.27	
0+48	UnCut	66.3	80.1	8.27	9.92	
0+56	UnCut	66.1	82.6	8.52	10.22	
0+64	UnCut	66.2	83.3	8.77	10.53	
0+73	UnCut	66.1	82.6	9.47	11.37	
0+80	UnCut	66.2	82.7	10.83	12.99	
0+88	UnCut	66.5	79.3	13.3	15.96	
0+96	UnCut	66.6	78.2	12.37	14.84	
0+03	Cut	64.4	66.0	9.67	11.61	
0+06	Cut	64.5	66.2	9.09	10.91	
0+09	Cut	64.5	65.8	10.06	12.07	
0+12	Cut	64.4	65.8	13.35	16.03	
0+15	Cut	64.3	65.8	12.46	14.96	
0+18	Cut	64.2	65.8	9.73	11.67	
0+21	Cut	64.1	65.4	9.1	10.92	
0+24	Cut	64.0	65.4	8.64	10.36	
0+27	Cut	63.8	65.5	8.74	10.49	
0+30	Cut	63.7	65.8	9.06	10.87	
0+33	Cut	63.7	65.8	9.04	10.85	
0+03	Cut	63.5	64.5	7.44	8.93	
0+06	Cut	63.4	64.1	8.08	9.69	
0+09	Cut	63.4	63.4	12.92	15.51	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+12	Cut	63.4	63.5	14.7	17.64	
0+15	Cut	63.4	63.4	8.11	9.73	
0+18	Cut	63.3	63.2	9.47	11.37	
0+22	Cut	63.2	62.8	11.09	13.31	
0+24	Cut	62.5	62.9	11.34	13.61	
0+27	Cut	62.4	62.9	11.51	13.81	
0+30	Cut	62.5	63.0	11.94	14.33	
0+33	Cut	62.6	64.1	11.92	14.31	
0+77	Cut	62.7	65.7	11.11	13.34	
0+80	Cut	62.8	69.0	12.02	14.42	
0+83	Cut	62.8	71.3	12.66	15.19	
0+86	Cut	62.8	72.1	12.87	15.45	
0+89	Cut	62.8	72.9	11.89	14.27	
0+92	Cut	62.7	73.1	11.35	13.62	
0+77	Cut	62.8	66.3	8.4	10.08	
0+80	Cut	63.0	66.8	8.52	10.22	
0+83	Cut	63.1	71.8	9.3	11.16	
0+86	Cut	63.2	73.1	9.19	11.03	
0+89	Cut	63.2	76.6	9.34	11.21	
0+92	Cut	63.3	75.7	8.95	10.74	
-0+02	ZI	63.7	67.9	9.37	11.25	
0+39	ZI	64.0	67.2	7.99	9.58	
0+72	ZI	64.1	66.6	8.1	9.72	
0+98	ZI	64.0	74.6	9.35	11.22	
-0+02	ZI	64.3	68.2	6.71	8.05	
0+38	ZI	64.4	67.9	6.55	7.85	
0+72	ZI	64.5	67.6	7	8.4	
0+98	ZI	64.5	74.6	7.28	8.73	
-0+02	ZI	64.5	68.4	5.92	7.1	
0+38	ZI	64.4	67.7	7.26	8.71	
0+72	ZI	64.4	67.6	7.94	9.53	
0+98	ZI	64.4	74.2	7.64	9.17	
-0+02	ZI	64.3	67.0	6.2	7.44	
0+38	ZI	64.3	66.7	9.14	10.97	
0+72	ZI	64.3	66.4	11.02	13.22	
0+98	ZI	64.0	74.6	10.42	12.5	
-0+02	ZI	64.0	64.8	6.56	7.87	
0+38	ZI	64.0	66.2	10.14	12.17	
0+72	ZI	64.0	66.8	10.68	12.82	
0+98	ZI	63.6	69.0	11.92	14.3	
-0+02	ZI	63.6	69.1	6.4	7.68	
0+39	ZI	63.7	67.8	10.19	12.23	
0+72	ZI	63.8	67.6	11.43	13.71	
0+98	ZI	63.7	77.5	15.74	18.89	

City of Anaheim

FWD Deflections

Street: South Street
Site ID: SOU

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	10.96	9.80	11.90
Standard Deviation (mils):	1.42	1.09	1.17
80th% Deflection (Avg + 0.84s) (mils):	12.16	10.72	12.89
Total Test Points:	25	16	30
Overlay Thickness (in.)	0.0	0.0	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	89.2	96.5	9.54	11.45	
0+08	UnCut	89.2	96.7	10.58	12.69	
0+16	UnCut	89.3	95.8	10.18	12.22	
0+24	UnCut	89.3	94.9	9.59	11.51	
0+32	UnCut	89.4	93.5	11.91	14.29	
0+40	UnCut	89.5	95.1	9.72	11.67	
0+48	UnCut	89.5	94.6	8.95	10.74	
0+56	UnCut	89.7	94.1	7.37	8.85	
0+64	UnCut	89.8	92.9	7.24	8.69	
0+72	UnCut	89.7	92.2	8.53	10.24	
0+81	UnCut	89.7	92.2	10.41	12.5	
0+88	UnCut	89.7	90.8	10.26	12.31	
0+96	UnCut	89.8	89.7	8.34	10.01	
0+04	UnCut	89.9	96.2	8.72	10.46	
0+12	UnCut	90.0	95.6	8.89	10.67	
0+21	UnCut	90.0	93.9	9.58	11.49	
0+28	UnCut	90.0	94.1	10.24	12.29	
0+37	UnCut	89.8	93.4	10.14	12.17	
0+45	UnCut	89.8	92.5	9.6	11.53	
0+52	UnCut	89.8	92.4	8.05	9.66	
0+60	UnCut	89.7	92.4	7.29	8.75	
0+68	UnCut	89.7	92.1	7.81	9.38	
0+76	UnCut	89.7	91.6	8.73	10.48	
0+84	UnCut	89.6	90.8	9.05	10.86	
0+92	UnCut	89.6	89.4	7.67	9.2	
0+00	Cut	88.3	96.2	11.66	14	
0+02	Cut	88.1	95.9	12.52	15.02	
0+03	Cut	88.0	96.6	10.68	12.82	
0+04	Cut	88.0	96.5	10.44	12.53	
0+06	Cut	88.1	96.8	9.55	11.46	
0+07	Cut	88.1	96.3	9.54	11.45	
0+09	Cut	88.1	96.8	9.59	11.51	
0+10	Cut	88.0	97.1	9.72	11.67	
0+12	Cut	87.9	96.7	9.79	11.75	
0+14	Cut	87.9	96.5	10.6	12.72	
0+16	Cut	87.7	96.4	10.84	13.01	
0+18	Cut	87.6	97.1	10.12	12.14	
0+20	Cut	87.6	96.9	9.51	11.41	
0+22	Cut	87.6	96.0	9.25	11.1	
0+24	Cut	87.7	97.5	8.98	10.78	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	Cut	87.7	96.7	7.96	9.55	
0+02	Cut	87.7	97.4	8.21	9.85	
0+03	Cut	87.7	97.1	8.71	10.45	
0+05	Cut	87.5	98.4	8.86	10.63	
0+06	Cut	87.5	98.3	9.06	10.87	
0+07	Cut	87.6	97.8	9.3	11.16	
0+09	Cut	87.6	97.8	9.99	11.99	
0+11	Cut	87.6	97.5	9.87	11.85	
0+12	Cut	87.6	97.9	9.67	11.6	
0+14	Cut	87.5	97.6	10.35	12.42	
0+16	Cut	87.5	97.8	10.83	12.99	
0+18	Cut	87.6	97.1	11	13.2	
0+20	Cut	87.7	96.8	10.86	13.03	
0+22	Cut	87.8	96.4	10.38	12.46	
0+24	Cut	87.9	96.7	9.76	11.71	
0+00	ZI	88.2	92.3	9.88	11.86	
0+35	ZI	88.2	96.0	9.02	10.82	
0+00	ZI	88.4	96.5	7.69	9.22	
0+35	ZI	88.5	95.8	8.33	9.99	
0+00	ZI	88.7	96.6	6.95	8.34	
0+35	ZI	88.7	95.3	7.9	9.48	
0+00	ZI	89.0	96.4	6.8	8.16	
0+35	ZI	89.0	94.3	7.98	9.57	
0+00	ZI	89.2	95.5	7.02	8.43	
0+35	ZI	89.3	93.9	8.48	10.18	
0+00	ZI	89.4	94.5	7.54	9.05	
0+35	ZI	89.6	94.0	8.63	10.35	
0+00	ZI	89.6	96.4	8.94	10.73	
0+35	ZI	89.7	96.0	7.87	9.45	
0+00	ZI	89.7	96.4	9.7	11.64	
0+35	ZI	89.7	95.0	7.95	9.54	

City of Anaheim

FWD Deflections

Street: Olive
Site ID: OLI

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	21.64	10.04	17.30
Standard Deviation (mils):	6.59	2.38	6.14
80th% Deflection (Avg + 0.84s) (mils):	27.17	12.04	22.45
Total Test Points:	28	25	26
Overlay Thickness (in.)	3.3	0.0	1.8

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	76.5	74.9	12.61	15.13	
0+04	UnCut	76.7	81.7	15.6	18.71	
0+08	UnCut	76.9	74.2	13.72	16.46	
0+12	UnCut	76.9	73.7	16.19	19.42	
0+17	UnCut	77.1	77.3	14.57	17.49	
0+20	UnCut	77.1	74.7	11.84	14.21	
0+24	UnCut	77.2	75.7	13.95	16.74	
0+24	UnCut	77.3	75.7	13.98	16.78	
0+28	UnCut	77.5	79.9	14.3	17.16	
0+32	UnCut	77.6	81.9	17.74	21.29	
0+36	UnCut	77.6	74.1	22.69	27.23	
0+40	UnCut	77.6	76.9	23.97	28.77	
0+44	UnCut	77.7	80.0	16.36	19.63	
0+44	UnCut	77.8	80.2	26.93	32.32	
0+48	UnCut	77.8	76.1	8.26	9.91	
0+53	UnCut	77.8	76.2	18.23	21.87	
0+56	UnCut	77.8	76.3	17.99	21.58	
0+60	UnCut	77.8	75.2	16.54	19.85	
0+64	UnCut	77.8	74.5	16.66	19.99	
0+68	UnCut	78.0	73.0	14.43	17.32	
0+72	UnCut	78.0	72.6	13.96	16.75	
0+76	UnCut	78.0	72.8	16.44	19.73	
0+80	UnCut	78.0	72.8	19.32	23.18	
0+84	UnCut	78.1	86.5	22.55	27.06	
0+88	UnCut	78.1	85.8	24.86	29.83	
0+93	UnCut	78.1	75.2	20.46	24.55	
0+96	UnCut	78.2	75.3	28.27	33.93	
1+00	UnCut	78.3	78.3	32.48	38.97	
0+00	Cut	82.1	69.5	7.44	8.93	
0+02	Cut	82.3	69.6	13.45	16.14	
0+04	Cut	82.6	68.2	22.17	26.61	
0+06	Cut	82.8	69.4	21.85	26.23	
0+08	Cut	83.1	69.5	17.64	21.17	
0+10	Cut	83.4	69.9	15.86	19.03	
0+12	Cut	83.4	70.0	14.38	17.26	
0+14	Cut	83.5	69.8	12.59	15.11	
0+16	Cut	83.5	69.7	12.41	14.89	
0+18	Cut	83.4	69.7	12.94	15.53	
0+20	Cut	83.2	70.2	14.41	17.29	
0+22	Cut	83.0	70.3	17.37	20.85	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+24	Cut	82.8	71.2	19.58	23.49	
0+26	Cut	82.5	72.5	21.66	26	
0+28	Cut	82.1	73.4	21.72	26.07	
0+30	Cut	81.8	73.7	19.69	23.62	
0+32	Cut	81.5	72.4	17.08	20.5	
0+34	Cut	81.3	71.4	16.69	20.03	
0+36	Cut	80.9	71.0	15.36	18.43	
0+38	Cut	80.7	70.9	13.61	16.33	
0+40	Cut	80.5	71.7	11.51	13.81	
0+42	Cut	80.3	72.8	8.79	10.55	
0+44	Cut	80.2	73.0	7.62	9.14	
0+46	Cut	80.2	71.0	6.59	7.91	
0+48	Cut	80.1	69.8	5.96	7.15	
0+50	Cut	80.1	69.7	6.37	7.64	
0+00	ZI	77.8	74.8	9.73	11.67	
0+00	ZI	77.7	75.9	9.72	11.66	
0+02	ZI	77.4	72.8	6.66	7.99	
0+04	ZI	77.3	73.2	6.94	8.33	
0+06	ZI	77.1	74.3	11.6	13.92	
0+08	ZI	77.0	74.2	12.33	14.79	
0+10	ZI	77.0	74.5	12.21	14.65	
0+12	ZI	76.9	74.5	11.2	13.44	
0+14	ZI	76.9	77.1	11.03	13.24	
0+16	ZI	76.7	73.9	8.89	10.67	
0+18	ZI	76.8	72.4	8.3	9.96	
0+20	ZI	76.7	72.9	8.43	10.11	
0+22	ZI	76.6	73.0	8.56	10.28	
0+24	ZI	76.6	73.6	8.44	10.12	
0+26	ZI	76.5	75.7	7.87	9.45	
0+28	ZI	76.4	76.4	7.15	8.59	
0+30	ZI	76.4	78.1	6.45	7.74	
0+32	ZI	76.3	79.9	6.11	7.33	
0+34	ZI	76.2	80.8	6.29	7.55	
0+36	ZI	76.2	79.0	6.75	8.1	
0+38	ZI	76.2	81.5	7.25	8.7	
0+40	ZI	76.2	82.4	7.66	9.19	
0+42	ZI	76.2	82.9	7.04	8.45	
0+44	ZI	76.2	83.4	6.27	7.53	
0+46	ZI	76.2	83.2	6.27	7.52	

City of Anaheim

FWD Deflections

Street: Van Buren
Site ID: VAN

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	26.51	25.92	16.38
Standard Deviation (mils):	5.96	4.42	8.74
80th% Deflection (Avg + 0.84s) (mils):	31.52	29.64	23.73
Total Test Points:	27	14	24
Overlay Thickness (in.)	4.3	3.9	2.3

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	74.1	65.9	26.46	31.76	
0+12	UnCut	73.7	68.4	29.71	35.65	
0+20	UnCut	73.2	74.7	30.53	36.64	
0+28	UnCut	72.4	78.8	27.95	33.54	
0+36	UnCut	72.2	65.7	20.07	24.08	
0+44	UnCut	71.8	75.7	18.73	22.47	
0+52	UnCut	71.5	70.0	30.26	36.32	
0+60	UnCut	71.3	64.3	22.83	27.39	
0+68	UnCut	71.2	66.8	22.82	27.38	
0+76	UnCut	70.9	68.8	24.57	29.48	
0+78	UnCut	70.3	68.0	18.66	22.39	
0+82	UnCut	70.1	67.1	23.66	28.39	
0+90	UnCut	69.8	79.5	22.05	26.46	
0+96	UnCut	69.5	78.8	21.45	25.74	
0+06	UnCut	68.2	66.4	19.87	23.85	
0+12	UnCut	67.8	68.3	16.54	19.85	
0+20	UnCut	67.5	76.0	24.89	29.87	
0+28	UnCut	67.3	67.3	26.63	31.95	
0+36	UnCut	67.1	65.8	21.69	26.03	
0+42	UnCut	66.9	68.8	28.45	34.15	
0+52	UnCut	66.7	74.0	21.7	26.05	
0+61	UnCut	66.4	66.7	16.34	19.6	
0+68	UnCut	66.2	67.4	13.83	16.6	
0+76	UnCut	66.1	69.5	14.73	17.68	
0+84	UnCut	65.9	70.0	13.91	16.7	
0+92	UnCut	65.8	80.2	21.36	25.63	
0+96	UnCut	65.7	83.8	16.85	20.22	
0+02	Cut	65.6	69.3	25.25	30.3	
0+03	Cut	65.6	66.8	25.12	30.14	
0+04	Cut	65.7	68.8	23.65	28.38	
0+06	Cut	65.6	72.1	12.34	14.81	
0+07	Cut	65.5	78.2	6.23	7.48	
0+09	Cut	65.5	83.9	7.47	8.96	
0+12	Cut	65.5	86.2	19.73	23.68	
0+02	Cut	65.6	70.7	21.28	25.53	
0+03	Cut	65.5	68.2	14.8	17.76	
0+05	Cut	65.6	69.3	10.59	12.7	
0+06	Cut	65.8	71.4	5.22	6.26	
0+08	Cut	65.9	75.7	4.95	5.94	
0+09	Cut	65.9	82.8	10.44	12.53	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+11	Cut	66.0	82.7	17.06	20.47	
0+02	Cut	67.1	79.6	23.37	28.05	
0+03	Cut	67.1	80.1	19.04	22.85	
0+05	Cut	67.2	81.8	4.65	5.58	
0+06	Cut	67.3	82.7	4.38	5.26	
0+07	Cut	67.4	83.7	11.58	13.9	
0+02	Cut	67.6	80.5	19.91	23.89	
0+03	Cut	67.6	79.5	16.08	19.3	
0+06	Cut	67.6	83.3	4.29	5.15	
0+07	Cut	67.8	83.9	6.03	7.23	
0+09	Cut	68.1	80.2	14.16	16.99	
-0+02	ZI	66.5	67.8	25.86	31.03	
0+17	ZI	66.6	86.3	25.66	30.79	
-0+02	ZI	66.7	68.8	24.54	29.44	
0+16	ZI	66.8	86.0	22.33	26.79	
-0+02	ZI	66.9	69.6	25.84	31	
0+16	ZI	67.0	85.5	22.39	26.87	
-0+02	ZI	67.1	68.8	26.76	32.11	
0+15	ZI	67.1	84.2	17.98	21.58	
-0+02	ZI	69.0	81.1	18.46	22.15	
0+14	ZI	69.2	86.3	17.98	21.58	
-0+02	ZI	69.3	82.4	17.91	21.49	
0+15	ZI	69.5	89.5	16.63	19.96	
-0+01	ZI	70.0	83.3	22.13	26.55	
0+15	ZI	70.0	89.7	17.99	21.59	

City of Anaheim

FWD Deflections

Street: Terrace Street
Site ID: TER

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	39.25	27.72	14.27
Standard Deviation (mils):	13.15	2.20	2.03
80th% Deflection (Avg + 0.84s) (mils):	50.30	29.56	15.98
Total Test Points:	24	20	28
Overlay Thickness (in.)	3.5	0.1	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	79.1	100.8	31.05	37.26	
0+04	UnCut	79.1	99.5	34.61	41.53	
0+12	UnCut	79.4	99.1	32.94	39.53	
0+36	UnCut	79.6	99.5	50.79	60.95	
0+42	UnCut	80.0	98.8	55.29	66.34	
0+50	UnCut	80.3	98.9	23.3	27.96	
0+58	UnCut	80.6	98.9	34.78	41.73	
0+64	UnCut	80.9	98.8	30.97	37.16	
0+72	UnCut	81.4	97.1	30.43	36.51	
0+80	UnCut	81.4	98.4	34.15	40.98	
0+88	UnCut	81.6	99.4	28.57	34.28	
0+96	UnCut	81.3	98.0	25.79	30.95	
0+04	UnCut	81.5	104.7	37.52	45.03	
0+12	UnCut	81.5	102.7	33.8	40.57	
0+28	UnCut	81.9	105.5	38.12	45.75	
0+36	UnCut	82.3	105.1	52.42	62.9	
0+44	UnCut	81.9	104.6	51.1	61.32	
0+52	UnCut	81.6	103.3	14.56	17.47	
0+60	UnCut	81.5	103.6	19.71	23.65	
0+68	UnCut	81.9	104.1	32.82	39.39	
0+76	UnCut	81.9	105.5	31.77	38.12	
0+84	UnCut	82.0	104.9	20.48	24.57	
0+92	UnCut	81.7	104.9	20.51	24.62	
0+96	UnCut	81.5	103.1	19.55	23.46	
0+01	Cut	82.7	103.2	16.72	20.07	
0+03	Cut	82.8	103.3	11.08	13.29	
0+05	Cut	82.7	102.1	11.18	13.42	
0+06	Cut	82.2	102.0	11.8	14.16	
0+07	Cut	82.1	101.2	17.14	20.57	
0+35	Cut	81.8	104.6	13.35	16.02	
0+36	Cut	81.7	104.2	13.11	15.73	
0+38	Cut	81.9	103.7	13.05	15.66	
0+39	Cut	81.8	102.5	12.12	14.54	
0+40	Cut	81.6	102.3	11.36	13.64	
0+02	Cut	81.1	103.1	11.5	13.8	
0+03	Cut	81.1	102.4	10.37	12.45	
0+05	Cut	81.0	100.8	10.68	12.82	
0+06	Cut	80.7	100.5	11.89	14.26	
0+35	Cut	80.2	102.5	12.11	14.54	
0+36	Cut	80.3	101.7	11.49	13.78	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+38	Cut	80.3	102.5	11.59	13.91	
0+39	Cut	80.5	101.4	10.18	12.22	
0+41	Cut	80.7	100.4	10.26	12.32	
0+02	Cut	80.9	99.2	11.65	13.98	
0+04	Cut	80.6	99.5	11.15	13.38	
0+05	Cut	80.8	98.0	11.25	13.49	
0+07	Cut	80.6	99.1	12.84	15.41	
0+35	Cut	80.6	101.5	12.39	14.86	
0+37	Cut	80.2	100.7	11.45	13.74	
0+38	Cut	80.0	100.8	11.23	13.48	
0+40	Cut	79.8	99.9	9.47	11.37	
0+42	Cut	79.8	99.3	10.64	12.77	
-0+02	ZI	80.4	103.3	24.79	29.75	
0+11	ZI	80.5	102.1	22.83	27.4	
0+31	ZI	80.6	103.9	21.92	26.3	
0+44	ZI	80.7	101.8	22.46	26.95	
-0+02	ZI	80.2	102.9	23.21	27.85	
0+11	ZI	80.3	100.4	21.99	26.38	
0+31	ZI	80.5	101.8	21.44	25.72	
0+44	ZI	80.8	100.3	21.72	26.07	
-0+02	ZI	81.2	102.9	21.78	26.14	
0+11	ZI	81.2	99.6	21.24	25.49	
0+31	ZI	81.3	100.9	21.63	25.95	
0+44	ZI	81.5	99.2	21.87	26.25	
-0+02	ZI	81.3	101.0	23.1	27.72	
0+11	ZI	81.1	97.7	22.42	26.91	
0+31	ZI	80.5	100.5	22.87	27.45	
0+44	ZI	80.6	98.7	22.78	27.33	
-0+02	ZI	80.3	100.5	27.77	33.32	
0+11	ZI	79.9	95.7	24.92	29.9	
0+31	ZI	80.0	100.9	27.35	32.82	
0+44	ZI	80.2	98.9	23.84	28.61	

City of Anaheim

FWD Deflections

Street: Kaiser Blvd
Site ID: KAI

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	17.47	25.08	18.24
Standard Deviation (mils):	11.69	13.65	10.86
80th% Deflection (Avg + 0.84s) (mils):	27.29	36.54	27.36
Total Test Points:	26	16	26
Overlay Thickness (in.)	0.1	1.2	0.1

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	81.8	93.2	5.27	6.32	
0+12	UnCut	82.1	92.1	7.61	9.13	
0+20	UnCut	82.2	93.7	9.64	11.57	
0+28	UnCut	82.7	93.6	8.88	10.66	
0+36	UnCut	82.9	93.0	10.53	12.64	
0+44	UnCut	83.2	92.8	6.13	7.36	
0+52	UnCut	83.6	93.6	4.35	5.22	
0+60	UnCut	83.7	93.9	3.5	4.21	
0+68	UnCut	83.7	93.8	3.49	4.18	
0+76	UnCut	83.5	95.1	2.89	3.47	
0+84	UnCut	83.6	93.9	2.52	3.02	
0+92	UnCut	83.8	94.2	2.2	2.64	
0+96	UnCut	84.3	94.0	2.93	3.51	
0+04	UnCut	85.4	96.5	20.22	24.27	
0+12	UnCut	85.3	92.1	20.34	24.4	
0+20	UnCut	85.3	93.2	20.41	24.49	
0+28	UnCut	85.2	93.6	23.05	27.66	
0+36	UnCut	85.2	95.3	28.12	33.74	
0+44	UnCut	85.7	94.3	26.68	32.01	
0+52	UnCut	85.5	95.8	27.16	32.59	
0+60	UnCut	85.8	96.6	23.11	27.73	
0+67	UnCut	85.9	97.1	24.98	29.98	
0+76	UnCut	85.6	97.2	22.11	26.53	
0+85	UnCut	85.8	97.0	23.31	27.98	
0+92	UnCut	85.6	96.4	24.64	29.57	
0+96	UnCut	84.9	95.9	24.43	29.31	
0+02	Cut	84.7	92.4	2.74	3.29	
0+04	Cut	84.7	91.8	2.67	3.21	
0+06	Cut	85.2	89.2	2.68	3.22	
0+08	Cut	85.3	88.7	2.63	3.15	
0+10	Cut	85.0	88.5	2.53	3.03	
0+12	Cut	84.8	88.6	2.83	3.4	
0+14	Cut	84.9	87.3	3.1	3.71	
0+16	Cut	85.1	87.0	4.39	5.26	
0+02	Cut	85.3	99.4	23.79	28.54	
0+04	Cut	85.4	97.6	23.6	28.32	
0+06	Cut	85.7	97.3	22.21	26.65	
0+08	Cut	85.9	97.2	21.93	26.31	
0+10	Cut	86.1	96.0	21.85	26.23	
0+12	Cut	86.4	96.3	23.09	27.7	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+14	Cut	85.8	95.3	18.51	22.21	
0+16	Cut	85.9	93.9	9.49	11.39	
0+18	Cut	86.2	93.4	21.21	25.45	
0+02	Cut	86.4	97.6	24.39	29.27	
0+04	Cut	86.4	95.8	22.33	26.8	
0+06	Cut	86.2	95.4	21.13	25.35	
0+08	Cut	85.5	93.9	22.65	27.18	
0+10	Cut	85.9	93.5	23.46	28.15	
0+12	Cut	86.9	91.8	23.61	28.33	
0+14	Cut	86.8	90.0	17.89	21.46	
0+16	Cut	87.3	89.7	10.51	12.61	
0+18	Cut	87.8	90.4	19.99	23.98	
0+00	ZI	88.5	98.1	3.43	4.12	
0+25	ZI	87.1	93.9	3.21	3.85	
0+00	ZI	87.3	98.9	4.08	4.9	
0+25	ZI	87.8	97.0	8.3	9.96	
0+00	ZI	86.7	97.3	9.99	11.99	
0+25	ZI	86.5	96.5	16.46	19.75	
0+00	ZI	86.4	97.8	24.8	29.76	
0+24	ZI	86.4	97.2	23.59	28.31	
0+00	ZI	85.8	99.2	28.07	33.68	
0+24	ZI	86.3	96.6	25.19	30.23	
0+00	ZI	86.8	99.3	32.01	38.41	
0+24	ZI	86.8	94.8	28.61	34.34	
0+00	ZI	86.9	99.2	31.74	38.09	
0+24	ZI	86.6	96.0	32.36	38.83	
0+00	ZI	86.8	100.8	32.49	38.99	
0+24	ZI	87.7	96.5	30	36	

City of Anaheim

FWD Deflections

Street: Midway
Site ID: MID

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	12.99	29.09	34.32
Standard Deviation (mils):	3.67	3.84	5.55
80th% Deflection (Avg + 0.84s) (mils):	16.07	32.31	38.98
Total Test Points:	26	21	19
Overlay Thickness (in.)	0.0	1.2	3.2

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	76.2	100.2	18.22	21.86	
0+12	UnCut	74.9	97.1	13.66	16.4	
0+20	UnCut	75.1	94.4	11.51	13.81	
0+28	UnCut	75.2	95.2	12.72	15.26	
0+37	UnCut	75.1	96.0	16.02	19.23	
0+44	UnCut	75.2	92.0	11.81	14.17	
0+51	UnCut	75.2	96.2	15.93	19.12	
0+61	UnCut	75.1	96.9	10.19	12.22	
0+68	UnCut	74.7	92.5	11.75	14.1	
0+76	UnCut	74.3	92.1	7.78	9.34	
0+85	UnCut	74.3	94.0	12.12	14.55	
0+92	UnCut	74.2	92.4	11.56	13.87	
0+96	UnCut	73.9	93.6	11.85	14.22	
0+04	UnCut	73.9	98.8	10.43	12.52	
0+11	UnCut	73.9	96.2	9.97	11.97	
0+20	UnCut	74.2	94.9	10.53	12.64	
0+28	UnCut	74.5	94.2	10.5	12.6	
0+37	UnCut	74.5	97.0	9.46	11.36	
0+45	UnCut	74.0	96.3	9.05	10.86	
0+53	UnCut	74.3	98.3	9.33	11.19	
0+60	UnCut	74.4	99.3	13.1	15.72	
0+69	UnCut	74.4	98.8	8.41	10.1	
0+76	UnCut	74.8	98.2	6.36	7.63	
0+84	UnCut	74.8	92.9	5.98	7.17	
0+92	UnCut	74.9	98.5	6.71	8.05	
0+95	UnCut	75.2	98.4	6.38	7.65	
0+02	Cut	75.0	101.2	31.61	37.93	
0+03	Cut	74.9	99.9	32.13	38.55	
0+05	Cut	74.1	92.2	32.65	39.18	
0+06	Cut	73.9	96.2	35.4	42.47	
0+07	Cut	73.7	92.0	38.49	46.19	
0+64	Cut	73.9	99.0	21.61	25.94	
0+65	Cut	73.8	99.0	27.65	33.18	
0+67	Cut	73.9	97.7	25.64	30.77	
0+68	Cut	74.0	95.8	23.8	28.56	
0+70	Cut	74.4	95.8	24.57	29.49	
0+02	Cut	74.9	102.5	28.33	34.00	
0+03	Cut	75.4	100.6	30.96	37.15	
0+05	Cut	75.4	98.2	29.78	35.74	
0+06	Cut	76.3	98.6	23.51	28.21	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+07	Cut	76.5	97.1	20.34	24.41	
0+63	Cut	76.6	98.0	28.19	33.83	
0+64	Cut	77.0	100.7	28.9	34.69	
0+71	Cut	77.0	97.6	29.73	35.68	
0+72	Cut	76.8	97.1	30.15	36.18	
-0+02	ZI	81.2	102.7	25.25	30.31	
0+11	ZI	80.6	100.9	21.98	26.37	
0+59	ZI	80.5	103.9	27.37	32.85	
0+74	ZI	79.6	100.6	25.85	31.02	
-0+02	ZI	81.0	102.8	25.29	30.35	
-0+02	ZI	81.3	101.3	24.61	29.54	
0+11	ZI	81.7	100.9	25.87	31.04	
0+59	ZI	80.7	102.6	24.94	29.92	
0+73	ZI	80.6	100.8	25.21	30.25	
-0+02	ZI	79.8	102.0	28.06	33.67	
0+11	ZI	79.5	100.0	28.16	33.79	
0+59	ZI	80.0	103.8	21.01	25.22	
0+74	ZI	80.7	102.9	23.09	27.71	
-0+02	ZI	81.5	106.2	26.05	31.26	
0+11	ZI	82.2	101.8	28.05	33.66	
0+60	ZI	81.6	106.4	17.73	21.27	
0+74	ZI	82.2	103.4	21.64	25.97	
-0+02	ZI	83.3	99.9	23.35	28.02	
0+11	ZI	83.9	100.3	27.29	32.74	
0+59	ZI	84.2	105.8	16.92	20.3	
0+74	ZI	84.9	103.3	21.38	25.66	

City of Anaheim

FWD Deflections

Street: Briarvale Ave
Site ID: BRI

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	29.99	49.90	48.08
Standard Deviation (mils):	3.90	10.64	15.77
80th% Deflection (Avg + 0.84s) (mils):	33.27	58.83	61.33
Total Test Points:	24	26	14
Overlay Thickness (in.)	0.1	4.2	4.8

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	62.8	66.4	26.67	32	
0+12	UnCut	62.7	66.5	20.87	25.04	
0+20	UnCut	62.9	66.7	23.98	28.78	
0+28	UnCut	63.0	66.6	31.02	37.22	
0+36	UnCut	63.1	66.5	25.92	31.1	
0+44	UnCut	63.2	66.6	24.24	29.08	
0+52	UnCut	63.1	66.6	24.49	29.39	
0+60	UnCut	63.0	67.0	23.96	28.75	
0+68	UnCut	63.0	67.4	24.37	29.24	
0+76	UnCut	62.8	66.3	25.81	30.98	
0+84	UnCut	62.7	66.5	29.68	35.62	
0+92	UnCut	62.8	65.6	24.42	29.3	
0+04	UnCut	62.9	65.5	32.89	39.47	
0+12	UnCut	62.6	64.5	23.65	28.38	
0+20	UnCut	62.6	64.5	24.71	29.65	
0+28	UnCut	62.7	64.4	23.05	27.66	
0+36	UnCut	62.6	64.5	24.73	29.68	
0+44	UnCut	62.7	65.1	20.87	25.05	
0+52	UnCut	62.7	64.4	21.95	26.35	
0+60	UnCut	62.7	64.5	22.3	26.76	
0+68	UnCut	62.7	65.2	30.14	36.17	
0+76	UnCut	62.6	65.2	21.02	25.22	
0+84	UnCut	62.5	66.2	21.84	26.21	
0+92	UnCut	62.2	65.2	27.3	32.76	
0+02	Cut	59.3	62.3	19.3	23.16	
0+02	Cut	59.2	63.7	43.85	52.62	
0+03	Cut	59.2	63.7	40.04	48.05	
0+05	Cut	59.2	63.8	35.88	43.06	
0+06	Cut	59.4	63.8	34.04	40.85	
0+07	Cut	59.5	63.6	35.05	42.06	
0+09	Cut	59.5	63.6	35.49	42.59	
0+46	Cut	59.7	62.8	76.8	92.16	
0+48	Cut	59.8	63.0	81.57	97.89	
0+49	Cut	59.8	63.2	79.11	94.93	
0+50	Cut	59.8	63.2	69.71	83.65	
0+52	Cut	59.8	63.1	45.92	55.11	
0+53	Cut	59.9	63.2	39.8	47.76	
0+55	Cut	60.0	63.1	32.94	39.53	
0+56	Cut	60.0	63.1	31.21	37.45	
0+58	Cut	60.1	63.2	32.96	39.55	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+48	Cut	60.2	64.4	64.71	77.65	
0+50	Cut	60.2	64.5	89.43	107.32	
0+52	Cut	60.2	64.7	114.46	137.35	
0+54	Cut	60.2	64.9	110.29	132.35	
0+56	Cut	60.2	64.8	111.65	133.98	
0+58	Cut	60.2	64.9	118.7	142.44	
0+60	Cut	60.1	65.0	117.86	141.44	
0+62	Cut	60.2	65.5	116.66	139.99	
0+64	Cut	60.3	65.5	105.01	126.01	
0+00	ZI	60.5	65.1	40.56	48.67	
0+02	ZI	60.5	64.9	46.79	56.15	
0+03	ZI	60.5	64.6	45.96	55.15	
0+04	ZI	60.5	64.9	53.74	64.48	
0+06	ZI	60.7	64.9	47.42	56.9	
0+08	ZI	60.8	65.1	59.44	71.33	
0+09	ZI	60.9	65.2	58.21	69.85	
0+10	ZI	61.1	65.5	52.46	62.95	
0+12	ZI	61.2	65.5	39.51	47.42	
-0+45	ZI	61.4	64.6	30.6	36.73	
-0+42	ZI	61.3	65.2	27.34	32.81	
-0+41	ZI	61.3	65.2	28.83	34.6	
-0+39	ZI	61.4	64.9	28.06	33.67	
-0+37	ZI	61.5	65.1	29.29	35.15	
-0+35	ZI	61.7	65.2	30.23	36.28	
0+00	ZI	61.8	65.8	37.9	45.48	
0+02	ZI	61.8	65.8	43.74	52.49	
0+04	ZI	61.9	65.8	40.96	49.15	
0+06	ZI	62.0	65.4	45.24	54.29	
0+08	ZI	62.2	66.6	45.13	54.15	
0+10	ZI	62.2	66.4	42.08	50.5	
0+12	ZI	62.3	66.4	42.8	51.36	
0+14	ZI	62.5	66.9	42.99	51.59	
0+16	ZI	62.7	67.3	41	49.21	
0+18	ZI	62.8	67.5	43.35	52.02	
0+20	ZI	62.8	68.0	37.42	44.9	

FWD Deflections

Street: Campton
Site ID: CAM

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	11.95	12.44	11.78
Standard Deviation (mils):	2.72	1.24	2.03
80th% Deflection (Avg + 0.84s) (mils):	14.24	13.48	13.48
Total Test Points:	26	16	25
Overlay Thickness (in.)	0.0	0.0	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	73.1	78.0	11.39	13.67	
0+12	UnCut	72.6	85.3	10.96	13.15	
0+19	UnCut	73.0	71.3	11.25	13.5	
0+28	UnCut	73.4	85.5	11.1	13.32	
0+36	UnCut	73.8	87.3	9.2	11.04	
0+44	UnCut	74.0	86.5	10.1	12.12	
0+52	UnCut	74.2	71.2	9.93	11.92	
0+60	UnCut	74.6	74.5	10.39	12.46	
0+68	UnCut	74.9	92.8	10.77	12.92	
0+76	UnCut	75.0	93.1	3.88	4.65	
0+84	UnCut	75.1	71.3	12.47	14.97	
0+92	UnCut	75.2	83.1	11.79	14.15	
0+96	UnCut	75.4	86.6	12.05	14.46	
0+04	UnCut	75.6	92.9	12	14.4	
0+12	UnCut	75.7	92.4	11.59	13.9	
0+20	UnCut	75.9	75.5	9.97	11.97	
0+28	UnCut	76.1	94.1	9.94	11.93	
0+36	UnCut	76.2	94.7	8.97	10.77	
0+44	UnCut	76.4	92.2	9.81	11.78	
0+53	UnCut	76.5	73.8	9.26	11.12	
0+61	UnCut	76.8	86.9	8.59	10.31	
0+68	UnCut	76.9	95.4	10.26	12.31	
0+76	UnCut	76.9	95.7	2.39	2.86	
0+84	UnCut	77.0	89.1	11.4	13.69	
0+92	UnCut	77.1	95.8	9.52	11.42	
0+96	UnCut	77.2	95.9	10	12	
0+01	Cut	76.7	85.5	10.22	12.26	
0+03	Cut	76.2	84.9	9.42	11.31	
0+04	Cut	76.2	85.1	9.13	10.96	
0+05	Cut	76.0	85.1	8.95	10.73	
0+07	Cut	75.9	83.8	8.56	10.27	
0+09	Cut	76.0	86.2	8.16	9.79	
0+10	Cut	76.0	84.9	8.23	9.88	
0+10	Cut	76.0	84.5	8.33	9.99	
0+12	Cut	76.0	83.9	8.76	10.51	
0+01	Cut	76.0	87.6	10.04	12.04	
0+03	Cut	75.9	87.0	9.54	11.45	
0+05	Cut	75.6	86.0	9.33	11.19	
0+06	Cut	75.5	84.7	8.65	10.38	
0+07	Cut	75.4	86.0	8.29	9.95	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+09	Cut	75.5	86.4	7.96	9.55	
0+10	Cut	75.4	85.2	8.08	9.7	
0+12	Cut	75.0	83.9	8.54	10.25	
0+02	Cut	74.0	81.5	13.22	15.86	
0+03	Cut	73.6	80.9	13.08	15.7	
0+05	Cut	73.8	80.3	13.3	15.96	
0+06	Cut	73.6	78.5	12.08	14.49	
0+07	Cut	73.6	78.7	11.48	13.78	
0+09	Cut	73.5	81.0	11.03	13.24	
0+11	Cut	72.9	78.8	10.41	12.49	
0+12	Cut	73.0	78.7	10.58	12.7	
-0+02	ZI	72.9	82.4	12.02	14.42	
0+15	ZI	73.0	80.9	10.78	12.93	
-0+02	ZI	73.3	85.3	9.99	11.99	
0+15	ZI	73.2	82.2	9.15	10.98	
-0+02	ZI	73.1	85.6	9.49	11.39	
0+15	ZI	73.3	83.4	8.37	10.04	
-0+02	ZI	73.3	87.3	10.19	12.22	
0+15	ZI	73.2	82.8	8.58	10.29	
0+01	ZI	73.5	87.4	11.45	13.74	
0+03	ZI	73.5	86.1	11.55	13.86	
0+04	ZI	73.1	84.5	11.05	13.26	
0+05	ZI	72.7	83.3	10.86	13.03	
0+07	ZI	72.4	82.7	10.67	12.8	
0+09	ZI	72.5	82.1	10.58	12.7	
0+11	ZI	72.8	80.5	10.58	12.7	
0+12	ZI	72.9	81.1	10.53	12.63	

City of Anaheim

FWD Deflections

Street: Winston
Site ID: WIN

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	17.81	12.39	11.85
Standard Deviation (mils):	5.12	3.40	1.78
80th% Deflection (Avg + 0.84s) (mils):	22.11	15.24	13.34
Total Test Points:	25	18	24
Overlay Thickness (in.)	0.1	0.0	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+04	UnCut	95.4	106.9	12	14.4	
0+12	UnCut	95.4	106.8	12.17	14.6	
0+21	UnCut	95.6	105.8	14.61	17.53	
0+28	UnCut	95.8	107.9	14.23	17.08	
0+37	UnCut	96.1	106.5	13.02	15.62	
0+44	UnCut	96.3	106.6	10.26	12.32	
0+53	UnCut	96.3	106.2	11.2	13.44	
0+60	UnCut	96.3	105.8	9.73	11.68	
0+68	UnCut	96.3	104.9	11.44	13.73	
0+76	UnCut	96.5	102.3	11.24	13.49	
0+84	UnCut	96.6	98.4	15.82	18.98	
0+92	UnCut	96.8	94.8	16.04	19.25	
0+04	UnCut	97.0	106.8	16.97	20.36	
0+13	UnCut	96.9	106.2	17.75	21.31	
0+20	UnCut	96.9	105.9	25.19	30.23	
0+28	UnCut	96.9	106.7	28.31	33.97	
0+36	UnCut	96.9	106.6	15.09	18.11	
0+44	UnCut	96.8	106.2	16.29	19.55	
0+52	UnCut	96.9	106.4	14.39	17.27	
0+60	UnCut	96.8	105.5	12.21	14.65	
0+67	UnCut	96.8	105.0	12.37	14.84	
0+76	UnCut	96.8	105.2	14.3	17.15	
0+85	UnCut	96.7	102.3	15.26	18.32	
0+92	UnCut	96.7	100.4	13.15	15.78	
0+96	UnCut	96.9	99.1	18.04	21.65	
0+02	Cut	95.4	91.1	11.69	14.03	
0+04	Cut	95.6	92.6	11.77	14.12	
0+06	Cut	95.8	93.6	9.49	11.39	
0+08	Cut	95.9	94.1	9.09	10.91	
0+10	Cut	96.0	93.8	8.93	10.72	
0+12	Cut	96.1	94.9	7.87	9.44	
0+14	Cut	96.1	94.7	7.95	9.54	
0+16	Cut	96.2	95.8	7.83	9.4	
0+18	Cut	96.3	95.7	8	9.6	
0+20	Cut	96.3	95.8	9.12	10.95	
0+22	Cut	96.3	95.9	10.18	12.22	
0+24	Cut	96.3	96.0	11.21	13.45	
0+26	Cut	96.3	96.4	11.47	13.77	
0+28	Cut	96.2	96.9	10	12	
0+30	Cut	96.1	98.1	9.46	11.35	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+32	Cut	95.9	98.7	10.56	12.67	
0+04	Cut	96.1	96.2	10.95	13.14	
0+07	Cut	96.2	95.9	10.28	12.34	
0+10	Cut	96.2	95.8	10.81	12.97	
0+14	Cut	96.1	96.4	8.61	10.33	
0+18	Cut	95.7	96.9	7.37	8.84	
0+21	Cut	95.7	97.3	10.21	12.26	
0+24	Cut	95.6	96.6	12.86	15.43	
0+27	Cut	95.3	97.1	11.23	13.48	
0+00	ZI	94.8	95.9	6.79	8.15	
0+02	ZI	94.9	96.2	10.76	12.91	
0+04	ZI	95.1	96.3	14.74	17.69	
0+06	ZI	95.4	95.8	13.58	16.3	
0+08	ZI	95.4	95.2	12.1	14.52	
0+10	ZI	95.2	95.6	11.44	13.73	
0+12	ZI	95.4	95.8	10.69	12.83	
0+14	ZI	95.3	95.3	8.03	9.63	
0+16	ZI	95.1	95.8	5.89	7.07	
0+18	ZI	95.2	95.7	5.87	7.05	
0+20	ZI	94.9	94.8	9.37	11.25	
0+22	ZI	94.3	95.5	12.16	14.6	
0+24	ZI	94.4	95.6	12.87	15.44	
0+26	ZI	94.8	95.4	10.52	12.62	
0+28	ZI	94.6	96.0	6.82	8.19	
0+30	ZI	94.8	95.4	8.17	9.81	
0+36	ZI	95.1	96.3	11.86	14.24	
0+37	ZI	95.1	96.4	14.11	16.94	

City of Anaheim

FWD Deflections

Street: Irving
Site ID: IRV

	No-Cut	Zone of Influence	Cut
Average Deflection (mils):	7.72	9.82	10.07
Standard Deviation (mils):	1.66	1.01	2.69
80th% Deflection (Avg + 0.84s) (mils):	9.11	10.67	12.33
Total Test Points:	26	21	25
Overlay Thickness (in.)	0.0	0.0	0.0

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+00	UnCut	87.3	83.7	8.72	10.47	
0+08	UnCut	87.4	82.5	8.24	9.89	
0+16	UnCut	87.5	82.5	7.27	8.72	
0+24	UnCut	87.6	84.3	8.27	9.92	
0+32	UnCut	87.8	83.4	5.98	7.17	
0+40	UnCut	87.9	83.4	5.11	6.14	
0+48	UnCut	88.1	84.1	5.1	6.12	
0+56	UnCut	88.2	83.2	10.06	12.07	
0+64	UnCut	88.4	83.6	5.1	6.12	
0+72	UnCut	88.6	84.3	5.89	7.07	
0+81	UnCut	88.6	87.2	6.99	8.39	
0+87	UnCut	88.7	89.3	8.02	9.62	
0+96	UnCut	89.0	90.0	7.03	8.44	
0+98	UnCut	89.5	92.0	5.19	6.23	
0+90	UnCut	89.8	92.0	5.51	6.61	
0+82	UnCut	90.1	91.7	6.76	8.11	
0+75	UnCut	90.3	90.0	6.34	7.61	
0+66	UnCut	90.5	89.3	5.3	6.36	
0+59	UnCut	90.8	89.0	5.84	7.01	
0+51	UnCut	91.1	88.6	5.34	6.41	
0+42	UnCut	91.4	89.2	4.75	5.7	
0+35	UnCut	91.7	90.6	4.81	5.78	
0+26	UnCut	92.0	91.7	5.4	6.48	
0+18	UnCut	92.4	92.8	6.07	7.28	
0+10	UnCut	92.6	93.5	7.12	8.54	
0+02	UnCut	92.9	94.3	7.11	8.54	
0+03	Cut	86.3	90.1	11.93	14.32	
0+06	Cut	86.2	89.2	10.29	12.35	
0+09	Cut	86.2	87.5	10.15	12.18	
0+12	Cut	86.2	86.9	9.55	11.46	
0+15	Cut	86.1	86.8	9.23	11.08	
0+18	Cut	86.1	83.6	9.43	11.32	
0+21	Cut	86.1	82.7	9	10.81	
0+24	Cut	86.0	82.8	9.16	11	
0+00	Cut	86.0	87.7	15.34	18.41	
0+03	Cut	86.0	86.5	9.44	11.33	
0+06	Cut	86.0	86.1	7.1	8.52	
0+09	Cut	86.0	85.6	6.42	7.7	
0+12	Cut	86.1	85.6	6.05	7.25	
0+15	Cut	86.1	84.6	5.44	6.52	

Station	Section	Air Temp (°F)	Pvmt Temp (°F)	FWD Defl. (mils)	Deflectometer (mils)	Comment
0+18	Cut	86.1	84.3	5.45	6.54	
0+21	Cut	86.1	84.0	5.4	6.48	
0+24	Cut	86.2	83.9	5.59	6.7	
0+24	Cut	86.3	83.5	8.81	10.58	
0+21	Cut	86.5	83.6	8.69	10.42	
0+18	Cut	86.7	83.9	8.24	9.89	
0+15	Cut	86.6	84.3	8	9.6	
0+12	Cut	86.7	84.7	7.69	9.23	
0+09	Cut	86.6	84.7	7.65	9.18	
0+06	Cut	86.5	86.1	7.73	9.28	
0+03	Cut	86.5	87.2	8.02	9.62	
0+00	ZI	86.9	82.6	9.42	11.3	
0+02	ZI	86.9	83.2	9.2	11.04	
0+03	ZI	86.9	83.3	9.24	11.09	
0+04	ZI	87.0	83.2	9	10.8	
0+06	ZI	87.0	83.4	8.56	10.27	
0+07	ZI	87.1	83.3	8.17	9.8	
0+09	ZI	87.0	84.1	8.64	10.36	
0+10	ZI	87.1	83.9	8.76	10.52	
0+12	ZI	87.1	83.9	9.09	10.9	
0+13	ZI	86.9	83.9	9.06	10.88	
0+15	ZI	86.8	83.9	8.18	9.82	
0+17	ZI	86.8	84.0	7.53	9.04	
0+19	ZI	86.7	84.5	6.96	8.35	
0+21	ZI	86.2	85.5	6.98	8.38	
0+23	ZI	86.1	85.5	7.12	8.54	
0+32	ZI	86.1	89.2	6.8	8.16	
0+33	ZI	86.1	87.3	8.18	9.82	
0+33	ZI	86.3	86.6	7.34	8.8	
0+33	ZI	86.4	87.1	7.63	9.15	
0+33	ZI	86.5	87.0	7.72	9.27	
0+33	ZI	86.5	87.4	8.31	9.98	

City of Anaheim
Overlay Calculations

Street Name (Input)	Section	Core Depth (in.) (Input)	Core Depth (ft)	TB or PCC present?	City T.I. (Input)	Design Milling depth (ft)	Thickness after milling (ft)	Thickness after milling (in)	Toler. Deflect. (mils) (Table 635.2A)	Mean Deflection (mils) (Input)	Stand. Dev. (Input)	80th% (mils) (Input)	Adjusted 80th% for milling	% Red. In Defl	GE (Table 635.2B) (ft	Required Overlay (ft)	Required Overlay (in)
BRO	UnCut	5.2	0.43	No	9.5	0.00	0.43	5.20	14	24.5	3.4	27.4	27.4	49%	0.61	0.32	3.9
	Cut	6.2	0.52	No	9.5	0.00	0.52	6.20	13	26.9	2.4	28.9	28.9	55%	0.74	0.39	4.7
	ZI	5.2	0.43	No	9.5	0.00	0.43	5.20	14	25.6	3.8	28.8	28.8	51%	0.66	0.35	4.2
NOH	UnCut	8.2	0.68	No	9.5	0.00	0.68	8.20	13	23.1	9.0	30.6	30.6	58%	0.81	0.43	5.1
	Cut	9.2	0.77	No	9.5	0.00	0.77	9.20	13	18.0	3.1	20.6	20.6	37%	0.37	0.19	2.3
	ZI	8.2	0.68	No	9.5	0.00	0.68	8.20	13	16.1	4.6	20.0	20.0	35%	0.33	0.17	2.1
KNO	UnCut	8.9	0.74	No	9.5	0.00	0.74	8.90	13	11.9	3.2	14.6	14.6	11%	0.02	0.01	0.1
	Cut	9.9	0.83	No	9.5	0.00	0.83	9.90	13	11.9	1.7	13.3	13.3	2%	0.02	0.01	0.1
	ZI	8.9	0.74	No	9.5	0.00	0.74	8.90	13	14.0	4.7	17.9	17.9	27%	0.20	0.11	1.3
MAG	UnCut	7.5	0.63	No	9.5	0.00	0.63	7.50	13	12.8	3.8	16.0	16.0	19%	0.10	0.05	0.6
	Cut	8.5	0.71	No	9.5	0.00	0.71	8.50	13	16.4	12.0	26.5	26.5	51%	0.66	0.35	4.2
	ZI	7.5	0.63	No	9.5	0.00	0.63	7.50	13	13.3	6.4	18.7	18.7	30%	0.24	0.13	1.5
LAP	UnCut	3.3	0.28	No	9.5	0.00	0.28	3.30	17	13.7	6.2	18.9	18.9	10%	0.02	0.01	0.1
	Cut	4.3	0.36	No	9.5	0.00	0.36	4.30	16	43.6	20.7	61.0	61.0	74%	1.15	0.61	7.3
	ZI	3.3	0.28	No	9.5	0.00	0.28	3.30	17	38.9	10.6	47.8	47.8	64%	0.94	0.49	5.9
NOH2	UnCut	14.9	1.24	No	9.5	0.00	1.24	14.90	13	4.0	0.9	4.8	4.8	0%	0.00	0.00	0.0
	Cut	15.9	1.33	No	9.5	0.00	1.33	15.90	13	3.3	0.8	4.0	4.0	0%	0.00	0.00	0.0
	ZI	14.9	1.24	No	9.5	0.00	1.24	14.90	13	6.5	0.6	7.1	7.1	0%	0.00	0.00	0.0
ANA	UnCut	6.3	0.53	No	9.5	0.00	0.53	6.30	13	12.6	1.6	14.0	14.0	7%	0.02	0.01	0.1
	Cut	7.3	0.61	No	9.5	0.00	0.61	7.30	13	12.9	3.5	15.8	15.8	18%	0.09	0.05	0.6
	ZI	6.3	0.53	No	9.5	0.00	0.53	6.30	13	28.2	9.7	36.3	36.3	64%	0.94	0.49	5.9
SAN	UnCut	4.9	0.41	No	8.5	0.00	0.41	4.90	18	22.2	4.0	25.6	25.6	30%	0.24	0.13	1.5
	Cut	5.9	0.49	No	8.5	0.00	0.49	5.90	15	15.8	5.8	20.6	20.6	27%	0.20	0.11	1.3
	ZI	4.9	0.41	No	8.5	0.00	0.41	4.90	18	20.4	3.4	23.3	23.3	23%	0.15	0.08	0.9
MIR	UnCut	7.6	0.63	No	8.5	0.00	0.63	7.60	15	14.9	7.1	20.9	20.9	28%	0.21	0.11	1.3
	Cut	8.6	0.72	No	8.5	0.00	0.72	8.60	15	11.3	6.7	17.0	17.0	12%	0.02	0.01	0.1
	ZI	7.6	0.63	No	8.5	0.00	0.63	7.60	15	17.2	6.4	22.6	22.6	34%	0.31	0.16	2.0
GIB	UnCut	9.1	0.76	No	8.5	0.00	0.76	9.10	15	10.8	3.1	13.4	13.4	0%	0.00	0.00	0.0
	Cut	10.1	0.84	No	8.5	0.00	0.84	10.10	15	12.5	2.2	14.3	14.3	0%	0.00	0.00	0.0
	ZI	9.1	0.76	No	8.5	0.00	0.76	9.10	15	10.5	2.8	12.9	12.9	0%	0.00	0.00	0.0
SOU	UnCut	7.5	0.63	No	8.5	0.00	0.63	7.50	15	11.0	1.4	12.2	12.2	0%	0.00	0.00	0.0
	Cut	8.5	0.71	No	8.5	0.00	0.71	8.50	15	11.9	1.2	12.9	12.9	0%	0.00	0.00	0.0
	ZI	7.5	0.63	No	8.5	0.00	0.63	7.50	15	9.8	1.1	10.7	10.7	0%	0.00	0.00	0.0

Street Name (Input)	Section	Core Depth (in.) (Input)	Core Depth (ft)	TB or PCC present?	City T.I. (Input)	Design Milling depth (ft)	Thickness after milling (ft)	Thickness after milling (in)	Toler. Deflect. (mils) (Table 635.2A)	Mean Deflection (mils) (Input)	Stand. Dev. (Input)	80th% (mils) (Input)	Adjusted 80th% for milling	% Red. In Defl	GE (Table 635.2B) (ft	Required Overlay (ft)	Required Overlay (in)
OLI	UnCut	8.1	0.68	No	8.5	0.00	0.68	8.10	15	21.6	6.6	27.2	27.2	45%	0.53	0.28	3.3
	Cut	9.1	0.76	No	8.5	0.00	0.76	9.10	15	17.3	6.1	22.5	22.5	33%	0.29	0.15	1.8
	ZI	8.1	0.68	No	8.5	0.00	0.68	8.10	15	10.0	2.4	12.0	12.0	0%	0.00	0.00	0.0
VAN	UnCut	5.9	0.49	No	8.5	0.00	0.49	5.90	15	26.5	6.0	31.5	31.5	52%	0.68	0.36	4.3
	Cut	6.9	0.58	No	8.5	0.00	0.58	6.90	15	16.4	8.7	23.7	23.7	37%	0.37	0.19	2.3
	ZI	5.9	0.49	No	8.5	0.00	0.49	5.90	15	25.9	4.4	29.6	29.6	49%	0.61	0.32	3.9
TER	UnCut	4.1	0.34	No	6.5	0.00	0.34	4.10	27	39.3	13.2	50.3	50.3	46%	0.55	0.29	3.5
	Cut	5.1	0.43	No	6.5	0.00	0.43	5.10	24	14.3	2.0	16.0	16.0	0%	0.00	0.00	0.0
	ZI	4.1	0.34	No	6.5	0.00	0.34	4.10	27	27.7	2.2	29.6	29.6	9%	0.02	0.01	0.1
KAI	UnCut	4.1	0.34	No	6.5	0.00	0.34	4.10	27	17.5	11.7	27.3	27.3	1%	0.02	0.01	0.1
	Cut	5.1	0.43	No	6.5	0.00	0.43	5.10	24	18.2	10.9	27.4	27.4	12%	0.02	0.01	0.1
	ZI	4.1	0.34	No	6.5	0.00	0.34	4.10	27	25.1	13.6	36.5	36.5	26%	0.19	0.10	1.2
MID	UnCut	5.2	0.43	No	6.5	0.00	0.43	5.20	24	13.0	3.7	16.1	16.1	0%	0.00	0.00	0.0
	Cut	6.2	0.52	No	6.5	0.00	0.52	6.20	22	34.3	5.5	39.0	39.0	44%	0.51	0.27	3.2
	ZI	5.2	0.43	No	6.5	0.00	0.43	5.20	24	29.1	3.8	32.3	32.3	26%	0.19	0.10	1.2
BRI	UnCut	3.3	0.28	No	6.5	0.00	0.28	3.30	29	30.0	3.9	33.3	33.3	13%	0.02	0.01	0.1
	Cut	4.3	0.36	No	6.5	0.00	0.36	4.30	27	48.1	15.8	61.3	61.3	56%	0.76	0.40	4.8
	ZI	3.3	0.28	No	6.5	0.00	0.28	3.30	29	49.9	10.6	58.8	58.8	51%	0.66	0.35	4.2
CAM	UnCut	4.0	0.33	No	6.5	0.00	0.33	4.00	27	12.0	2.7	14.2	14.2	0%	0.00	0.00	0.0
	Cut	5.0	0.42	No	6.5	0.00	0.42	5.00	26	11.8	2.0	13.5	13.5	0%	0.00	0.00	0.0
	ZI	4.0	0.33	No	6.5	0.00	0.33	4.00	27	12.4	1.2	13.5	13.5	0%	0.00	0.00	0.0
WIN	UnCut	7.3	0.61	No	6.5	0.00	0.61	7.30	22	17.8	5.1	22.1	22.1	1%	0.02	0.01	0.1
	Cut	8.3	0.69	No	6.5	0.00	0.69	8.30	22	11.8	1.8	13.3	13.3	0%	0.00	0.00	0.0
	ZI	7.3	0.61	No	6.5	0.00	0.61	7.30	22	12.4	3.4	15.2	15.2	0%	0.00	0.00	0.0
IRV	UnCut	7.4	0.62	No	6.5	0.00	0.62	7.40	22	7.7	1.7	9.1	9.1	0%	0.00	0.00	0.0
	Cut	8.4	0.70	No	6.5	0.00	0.70	8.40	22	10.1	2.7	12.3	12.3	0%	0.00	0.00	0.0
	ZI	7.4	0.62	No	6.5	0.00	0.62	7.40	22	9.8	1.0	10.7	10.7	0%	0.00	0.00	0.0

Appendix C

Z-Factor Tables

CITY OF ANAHEIM

TRENCH Z-FACTOR TABLE

No.	RCP Date	RCP #	Description	2019 PCI	Width (ft)	Length (ft)	Trench Area (sf)	Affected Area (sf)	Z Factor
1	6/24/2020	RCP2020-17242	Trench, Boring & Poth	100	2	89	178	558	3.1
2	5/25/2021	RCP2021-18454	Trench & Pothole	93	1	161	161	825	5.1
3	4/22/2019	RCP2019-15498	Trench	89	2	96	192	600	3.1
4	6/8/2021	RCP2020-17172	Trench & Pothole	86	1	153	153	785	5.1
5	6/11/2020	RCP2020-17190	Trench	80	1	11	11	75	6.8
6	5/19/2021	RCP2021-18421	Trench & Pothole	75	1	83	83	435	5.2
7	6/1/2020	RCP2020-17150	Trench	75	1	200	200	1020	5.1
8	5/4/2021	RCP2021-18356	Trench & Pothole	74	1	94	94	490	5.2
9	6/22/2020	RCP2020-17230	Trench	72	1	62	62	330	5.3
10	6/25/2020	RCP2020-17255	Trench	72	2	119	238	738	3.1
11	6/17/2020	RCP2020-17211	Trench & Pothole	68	1	141	141	725	5.1
12	4/1/2019	RCP2019-15366	Trench & Pothole	64	1	453	453	2285	5.0
13	5/21/2021	RCP2021-18444	Trench & Pothole	62	1	78	78	410	5.3
14	6/25/2020	RCP2020-17246	Trench, Boring & Poth	60	2	71	142	450	3.2
15	5/24/2021	RCP2021-18446	Trench & Pothole	50	1	42	42	230	5.5
16	6/16/2020	RCP2020-17197	Trench	45	1	325	325	1645	5.1
17	6/1/2020	RCP2020-17151	Trench	38	1	48	48	260	5.4
18	6/8/2020	RCP2020-17169	Trench	38	1	65	65	345	5.3
19	6/8/2021	RCP2020-17170	Trench & Pothole	38	1	55	55	295	5.4
20	6/10/2020	RCP2020-17180	Trench & Pothole	38	1	11	11	75	6.8
21	6/17/2020	RCP2020-17210	Trench	38	1.5	2788	4182	15356	3.7
22	6/25/2020	RCP2020-17243	Trench, Boring & Poth	38	2	26	52	180	3.5
23	6/25/2020	RCP2020-17244	Trench, Boring & Poth	38	2	127	254	786	3.1
24	6/25/2020	RCP2020-17245	Trench, Boring & Poth	38	2	46	92	300	3.3
25	6/8/2020	RCP2020-17173	Trench & Pothole	33	1	488	488	2460	5.0
26	5/11/2021	RCP2021-18394	Trench	32	1.5	57	86	336	3.9
27	6/10/2020	RCP2020-17176	Trench & Pothole	19	1	9	9	65	7.2

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BORE PIT Z-FACTOR TABLE

No.	RCP Date	RCP #	Description	2019 PCI	Width (ft)	Length (ft)	Bore/Receiving Pit (EA)	Bore Pit Area (sf)	Affected Area (sf)	Z Factor
1	4/2/2019	RCP2019-15376	Boring & Pothole	100	3	6	2	36	140	3.9
2	4/15/2019	RCP2019-15451	Boring & Pothole	100	3	6	2	36	140	3.9
3	4/25/2019	RCP2019-15528	Boring & Pothole	100	3	6	3	54	210	3.9
4	5/5/2021	RCP2021-18367	Boring	100	3	6	1	18	70	3.9
5	6/24/2020	RCP2020-17242	Trench, Boring & Pothole	100	4	6	2	48	160	3.3
					4	4	1	16	64	4.0
6	4/4/2019	RCP2019-15393	Boring & Pothole	95	2	3	6	36	252	7.0
7	6/16/2020	RCP2020-17196	Boring & Pothole	92	3	6	9	162	630	3.9
8	5/7/2021	RCP2021-18390	Boring & Pothole	90	2	3	6	36	252	7.0
9	5/5/2021	RCP2021-18366	Boring & Pothole	88	3	6	5	90	350	3.9
10	6/4/2020	RCP2020-17163	Boring & Pothole	83	3	6	5	90	350	3.9
11	6/11/2020	RCP2020-17183	Boring & Pothole	82	3	6	13	234	910	3.9
12	4/18/2019	RCP2019-15474	Boring & Pothole	80	3	6	25	450	1750	3.9
					3	9	2	54	182	3.4
13	6/17/2020	RCP2020-17208	Boring	80	4	4	9	144	576	4.0
14	6/15/2020	RCP2020-17193	Boring	80	3	3	6	54	294	5.4
15	6/18/2020	RCP2020-17221	Boring & Pothole	80	3	6	2	36	140	3.9
16	6/24/2020	RCP2020-17239	Boring & Pothole	80	2	3	4	24	168	7.0
17	5/12/2021	RCP2021-18396	Boring & Pothole	79	4	4	2	32	128	4.0
18	5/5/2021	RCP2021-18369	Boring & Pothole	74	3	6	5	90	350	3.9
19	5/14/2021	RCP2021-18410	Boring & Pothole	74	2	3	2	12	84	7.0
20	5/19/2021	RCP2021-18422	Boring & Pothole	74	3	6	4	72	280	3.9
21	5/27/2021	RCP2021-18461	Boring & Pothole	74	3	6	15	270	1050	3.9
22	6/23/2020	RCP2020-17234	Boring	72	1	1	3	3	75	25.0
23	4/18/2019	RCP2019-15477	Boring & Pothole	68	3	6	31	558	2170	3.9
					3	9	6	162	546	3.4
24	4/2/2019	RCP2019-15373	Boring & Pothole	61	3	6	7	126	490	3.9
					3	9	1	27	91	3.4
25	6/3/2020	RCP2020-17156	Boring & Pothole	60	5	1	1	5	45	9.0
26	6/25/2020	RCP2020-17246	Trench, Boring & Pothole	60	4	6	2	48	160	3.3
					4	4	2	32	128	4.0
27	6/29/2020	RCP2020-17273	Boring & Pothole	60	3	6	2	36	140	3.9
28	5/14/2021	RCP2021-18414	Boring & Pothole	58	3	6	5	90	350	3.9
29	6/18/2020	RCP2020-17219	Boring & Pothole	58	3	6	10	180	700	3.9
30	6/1/2020	RCP2020-17145	Boring & Pothole	57	2	3	5	30	210	7.0
31	6/30/2020	RCP2020-17280	Boring & Pothole	53	3	9	1	27	91	3.4
					3	6	4	72	280	3.9
32	4/10/2019	RCP2019-15424	Boring & Pothole	48	3	6	1	18	70	3.9
					3	9	2	54	182	3.4
33	6/17/2020	RCP2020-17212	Boring & Pothole	48	2	3	4	24	168	7.0
34	6/29/2020	RCP2020-17274	Boring & Pothole	48	3	9	3	81	273	3.4

BORE PIT Z-FACTOR TABLE

No.	RCP Date	RCP #	Description	2019 PCI	Width (ft)	Length (ft)	Bore/Receiving Pit (EA)	Bore Pit Area (sf)	Affected Area (sf)	Z Factor
35	4/23/2019	RCP2019-15509	Boring & Pothole	45	2	3	8	48	336	7.0
36	6/11/2020	RCP2020-17191	Boring & Pothole	43	6	6	6	216	600	2.8
37	4/4/2019	RCP2019-15390	Boring & Pothole	38	2	3	3	18	126	7.0
38	5/21/2021	RCP2021-18442	Boring & Pothole	38	3	6	14	252	980	3.9
39	5/21/2021	RCP2021-18441	Boring & Pothole	38	3	6	9	162	630	3.9
40	6/1/2020	RCP2020-17148	Boring & Pothole	38	4	4	2	32	128	4.0
41	6/4/2020	RCP2020-17165	Boring & Pothole	38	2	3	2	12	84	7.0
42	6/9/2020	RCP2020-17174	Boring & Pothole	38	2	3	11	66	462	7.0
					3	5	2	30	126	4.2
43	6/11/2020	RCP2020-17188	Boring & Pothole	38	4	4	13	208	832	4.0
44	6/22/2020	RCP2020-17226	Boring	38	3	3	1	9	49	5.4
45	6/22/2020	RCP2020-17231	Boring	38	3	3	3	27	147	5.4
46	6/24/2020	RCP2020-17241	Boring & Pothole	38	4	4	2	32	128	4.0
47	6/25/2020	RCP2020-17243	Trench, Boring & Pothole	38	4	6	2	48	160	3.3
					4	4	1	16	64	4.0
48	6/25/2020	RCP2020-17244	Trench, Boring & Pothole	38	4	6	1	24	80	3.3
					4	4	1	16	64	4.0
49	6/25/2020	RCP2020-17245	Trench, Boring & Poth	38	4	6	2	48	160	3.3
50	6/25/2020	RCP2020-17252	Boring & Pothole	38	3	9	4	135	455	3.4
51	6/25/2020	RCP2020-17254	Boring & Pothole	38	3	9	1	45	161	3.6
					3	6	1	42	286	6.8
52	6/26/2020	RCP2020-17257	Boring & Pothole	38	2	2	6	24	216	9.0
53	6/29/2020	RCP2020-17270	Boring & Pothole	38	3	6	3	54	210	3.9
54	6/29/2020	RCP2020-17271	Boring & Pothole	38	3	6	7	126	490	3.9
55	5/13/2021	RCP2021-18407	Boring & Pothole	37	3	6	1	18	70	3.9
56	5/24/2021	RCP2021-18450	Boring & Pothole	37	2	2	2	8	72	9.0
57	6/30/2020	RCP2020-17281	Boring & Pothole	36	3	9	5	135	455	3.4
					3	6	1	18	70	3.9
58	5/20/2021	RCP2021-18430	Boring & Pothole	30	4	4	2	32	128	4.0
59	4/1/2019	RCP2019-15363	Boring & Pothole	29	1	1	4	4	100	25.0
60	6/29/2020	RCP2020-17276	Boring & Pothole	38	2	3	6	36	252	7.0

Appendix D

Affected Area per Pothole

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AFFECTED AREA PER POTHOLE

No.	RCP Date	RCP #	Description	2019 PCI	Width (ft)	Length (ft)	Potholes (EA)	Area (sf)/Pothole	Affected Area (sf)/Pothole
1	4/2/2019	RCP2019-15376	Boring & Pothole	100	3	5	11	15	63
2	4/15/2019	RCP2019-15451	Boring & Pothole	100	3	5	8	15	63
3	4/25/2019	RCP2019-15528	Boring & Pothole	100	2	2	3	4	36
4	6/24/2020	RCP2020-17242	Trench, Boring & Pothole	100	2	2	11	4	36
5	4/4/2019	RCP2019-15393	Boring & Pothole	95	0.67	0.67	15	0.44	22
6	5/25/2021	RCP2021-18454	Trench & Pothole	93	2	2	7	4	36
7	6/16/2020	RCP2020-17196	Boring & Pothole	92	2	2	25	4	36
8	5/7/2021	RCP2021-18390	Boring & Pothole	90	0.67	0.67	20	0.44	22
9	5/5/2021	RCP2021-18366	Boring & Pothole	88	2	2	6	4	36
10	6/8/2021	RCP2020-17172	Trench & Pothole	86	0.67	0.67	7	0.45	22
11	6/4/2020	RCP2020-17163	Boring & Pothole	83	2	2	20	4	36
12	6/11/2020	RCP2020-17183	Boring & Pothole	82	2	2	27	4	36
13	4/18/2019	RCP2019-15474	Boring & Pothole	80	2	2	82	4	36
14	6/18/2020	RCP2020-17221	Boring & Pothole	80	2	2	10	4	36
15	6/24/2020	RCP2020-17239	Boring & Pothole	80	0.67	0.67	31	0.45	22
16	5/12/2021	RCP2021-18396	Boring & Pothole	79	2	2	3	4	36
17	5/19/2021	RCP2021-18421	Trench & Pothole	75	2	2	4	4	36
18	5/4/2021	RCP2021-18356	Trench & Pothole	74	2	2	7	4	36
19	5/5/2021	RCP2021-18369	Boring & Pothole	74	2	2	23	4	36
20	5/14/2021	RCP2021-18410	Boring & Pothole	74	0.67	0.67	10	0.44	22
21	5/19/2021	RCP2021-18422	Boring & Pothole	74	2	2	15	4	36
22	5/27/2021	RCP2021-18461	Boring & Pothole	74	2	2	47	4	36
23	4/1/2019	RCP2019-15361	Pothole	72	0.67	0.67	5	0.44	22
24	4/18/2019	RCP2019-15477	Boring & Pothole	68	2	2	91	4	36
25	6/17/2020	RCP2020-17211	Trench & Pothole	68	0.67	0.67	2	0.45	22
26	4/1/2019	RCP2019-15366	Trench & Pothole	64	2	2	15	4	36
27	5/21/2021	RCP2021-18444	Trench & Pothole	62	2	2	13	4	36
28	4/2/2019	RCP2019-15373	Boring & Pothole	61	2	2	41	4	36
29	6/3/2020	RCP2020-17156	Boring & Pothole	60	0.67	0.67	16	0.45	22
30	6/25/2020	RCP2020-17246	Trench, Boring & Pothole	60	2	2	1	4	36
31	6/29/2020	RCP2020-17273	Boring & Pothole	60	2	2	1	4	36
32	5/14/2021	RCP2021-18414	Boring & Pothole	58	2	2	21	4	36
33	6/18/2020	RCP2020-17219	Boring & Pothole	58	2	2	29	4	36
34	6/1/2020	RCP2020-17145	Boring & Pothole	57	0.67	0.67	16	0.45	22
35	6/30/2020	RCP2020-17280	Boring & Pothole	53	2	2	11	4	36
36	5/24/2021	RCP2021-18446	Trench & Pothole	50	2	2	8	4	36
37	4/10/2019	RCP2019-15424	Boring & Pothole	48	2	2	1	4	36
38	6/17/2020	RCP2020-17212	Boring & Pothole	48	0.67	0.67	13	0.45	22
39	6/29/2020	RCP2020-17274	Boring & Pothole	48	2	2	2	4	36

AFFECTED AREA PER POTHOLE

No.	RCP Date	RCP #	Description	2019 PCI	Width (ft)	Length (ft)	Potholes (EA)	Area (sf)/Pothole	Affected Area (sf)/Pothole
40	4/23/2019	RCP2019-15509	Boring & Pothole	45	0.67	0.67	8	0.44	22
41	6/11/2020	RCP2020-17191	Boring & Pothole	43	2	2	28	4	36
42	4/4/2019	RCP2019-15390	Boring & Pothole	38	0.67	0.67	8	0.44	22
43	5/21/2021	RCP2021-18442	Boring & Pothole	38	2	2	35	4	36
44	5/21/2021	RCP2021-18441	Boring & Pothole	38	2	2	38	4	36
45	6/1/2020	RCP2020-17148	Boring & Pothole	38	2	2	3	4	36
46	6/4/2020	RCP2020-17165	Boring & Pothole	38	0.67	0.67	4	0.45	22
47	6/8/2021	RCP2020-17170	Trench & Pothole	38	0.67	0.67	7	0.45	22
48	6/9/2020	RCP2020-17174	Boring & Pothole	38	0.67	0.67	16	0.45	22
49	6/10/2020	RCP2020-17180	Trench & Pothole	38	0.67	0.67	1	0.45	22
50	6/11/2020	RCP2020-17188	Boring & Pothole	38	2	2	6	4	36
51	6/24/2020	RCP2020-17241	Boring & Pothole	38	2	2	4	4	36
52	6/25/2020	RCP2020-17243	Trench, Boring & Pothole	38	2	2	6	4	36
53	6/25/2020	RCP2020-17244	Trench, Boring & Pothole	38	2	2	4	4	36
54	6/25/2020	RCP2020-17245	Trench, Boring & Pothole	38	2	2	8	4	36
55	6/25/2020	RCP2020-17252	Boring & Pothole	38	2	2	42	4	36
56	6/25/2020	RCP2020-17254	Boring & Pothole	38	2	2	9	4	36
57	6/26/2020	RCP2020-17257	Boring & Pothole	38	2	2	18	4	36
58	6/29/2020	RCP2020-17270	Boring & Pothole	38	2	2	7	4	36
59	6/29/2020	RCP2020-17271	Boring & Pothole	38	2	2	14	4	36
60	6/29/2020	RCP2020-17276	Boring & Pothole	38	0.67	0.67	25	0.45	22
61	5/13/2021	RCP2021-18407	Boring & Pothole	37	2	2	2	4	36
62	5/24/2021	RCP2021-18450	Boring & Pothole	37	2	2	8	4	36
63	6/30/2020	RCP2020-17281	Boring & Pothole	36	2	2	10	4	36
64	6/8/2021	RCP2020-17173	Trench & Pothole	33	0.67	0.67	36	0.45	22
65	5/20/2021	RCP2021-18430	Boring & Pothole	30	2	2	1	4	36
66	4/1/2019	RCP2019-15363	Boring & Pothole	29	0.67	0.67	5	0.44	22
67	6/10/2020	RCP2020-17176	Trench & Pothole	19	0.67	0.67	1	0.45	22

Appendix E

Estimated Fees for Example RCPs

CITY OF ANAHEIM

ESTIMATED FEES FOR EXAMPLE RCPs

No.	RCP Date	RCP #	Description	2019 PCI	Trench Area (sf)	BorePit Area (sf)	Potholes (EA)	Fee ($)
1	5/5/2021	RCP2021-18367	Boring	100		18		$ 151.20
2	4/2/2019	RCP2019-15376	Boring & Pothole	100		36	11	$ 1,064.70
3	4/15/2019	RCP2019-15451	Boring & Pothole	100		36	8	$ 856.80
4	4/25/2019	RCP2019-15528	Boring & Pothole	100		54	3	$ 661.50
5	6/24/2020	RCP2020-17242	Trench, Boring & Pc	100	178	64	11	$ 2,795.10
6	4/4/2019	RCP2019-15393	Boring & Pothole	95		36	15	$ 1,341.90
7	5/25/2021	RCP2021-18454	Trench & Pothole	93	161		7	$ 1,352.40
8	6/16/2020	RCP2020-17196	Boring & Pothole	92		162	25	$ 3,093.30
9	5/7/2021	RCP2021-18390	Boring & Pothole	90		36	20	$ 1,688.40
10	4/22/2019	RCP2019-15498	Trench	89	192			$ 1,612.80
11	5/5/2021	RCP2021-18366	Boring & Pothole	88		90	6	$ 1,171.80
12	6/8/2021	RCP2020-17172	Trench & Pothole	86	153		7	$ 1,285.20
13	6/4/2020	RCP2020-17163	Boring & Pothole	83		90	20	$ 2,142.00
14	6/11/2020	RCP2020-17183	Boring & Pothole	82		234	27	$ 3,836.70
15	6/15/2020	RCP2020-17193	Boring	80		54		$ 453.60
16	6/17/2020	RCP2020-17208	Boring	80		144		$ 1,209.60
17	4/18/2019	RCP2019-15474	Boring & Pothole	80		504	82	$ 9,916.20
18	6/18/2020	RCP2020-17221	Boring & Pothole	80		36	10	$ 995.40
19	6/24/2020	RCP2020-17239	Boring & Pothole	80		24	31	$ 2,349.90
20	6/11/2020	RCP2020-17190	Trench	80	11			$ 92.40
21	5/12/2021	RCP2021-18396	Boring & Pothole	79		32	3	$ 476.70
22	6/1/2020	RCP2020-17150	Trench	75	200			$ 1,680.00
23	5/19/2021	RCP2021-18421	Trench & Pothole	75	83		4	$ 697.20
24	5/5/2021	RCP2021-18369	Boring & Pothole	74		90	23	$ 2,349.90
25	5/14/2021	RCP2021-18410	Boring & Pothole	74		12	10	$ 793.80
26	5/19/2021	RCP2021-18422	Boring & Pothole	74		72	15	$ 1,644.30
27	5/27/2021	RCP2021-18461	Boring & Pothole	74		270	47	$ 5,525.10
28	5/4/2021	RCP2021-18356	Trench & Pothole	74	94		7	$ 789.60
29	6/23/2020	RCP2020-17234	Boring	72		3		$ 25.20
30	4/1/2019	RCP2019-15361	Pothole	72			5	$ 346.50
31	6/22/2020	RCP2020-17230	Trench	72	62			$ 520.80
32	6/25/2020	RCP2020-17255	Trench	72	238			$ 1,999.20
33	4/18/2019	RCP2019-15477	Boring & Pothole	68		720	91	$ 12,354.30
34	6/17/2020	RCP2020-17211	Trench & Pothole	68	141		2	$ 1,184.40
35	4/1/2019	RCP2019-15366	Trench & Pothole	64	453		15	$ 5,254.80
36	5/21/2021	RCP2021-18444	Trench & Pothole	62	78		13	$ 904.80

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ESTIMATED FEES FOR EXAMPLE RCPs

No.	RCP Date	RCP #	Description	2019 PCI	Trench Area (sf)	BorePit Area (sf)	Potholes (EA)	Fee ($)
37	4/2/2019	RCP2019-15373	Boring & Pothole	61		153	41	$ 5,698.50
38	6/3/2020	RCP2020-17156	Boring & Pothole	60		5	16	$ 1,589.20
39	6/29/2020	RCP2020-17273	Boring & Pothole	60		36	1	$ 513.30
40	6/25/2020	RCP2020-17246	Trench, Boring & Pc	60	142	80	1	$ 2,670.90
41	6/18/2020	RCP2020-17219	Boring & Pothole	58		180	29	$ 4,863.30
42	5/14/2021	RCP2021-18414	Boring & Pothole	58		90	21	$ 3,053.70
43	6/1/2020	RCP2020-17145	Boring & Pothole	57		30	16	$ 1,879.20
44	6/30/2020	RCP2020-17280	Boring & Pothole	53		99	11	$ 683.10
45	5/24/2021	RCP2021-18446	Trench & Pothole	50	42		8	$ 151.20
46	4/10/2019	RCP2019-15424	Boring & Pothole	48		72	1	$ 288.90
47	6/17/2020	RCP2020-17212	Boring & Pothole	48		24	13	$ 472.50
48	6/29/2020	RCP2020-17274	Boring & Pothole	48		81	2	$ 351.00
49	4/23/2019	RCP2019-15509	Boring & Pothole	45		48	8	$ 410.40
50	6/16/2020	RCP2020-17197	Trench	45	325			$ 1,170.00
51	6/11/2020	RCP2020-17191	Boring & Pothole	43		216	28	$ 1,609.20
52	6/22/2020	RCP2020-17226	Boring	38		9		$ 32.40
53	6/22/2020	RCP2020-17231	Boring	38		27		$ 97.20
54	4/4/2019	RCP2019-15390	Boring & Pothole	38		18	8	$ 302.40
55	6/1/2020	RCP2020-17148	Boring & Pothole	38		32	3	$ 204.30
56	6/4/2020	RCP2020-17165	Boring & Pothole	38		12	4	$ 162.00
57	6/9/2020	RCP2020-17174	Boring & Pothole	38		96	16	$ 820.80
58	6/11/2020	RCP2020-17188	Boring & Pothole	38		208	6	$ 927.00
59	6/24/2020	RCP2020-17241	Boring & Pothole	38		32	4	$ 234.00
60	6/25/2020	RCP2020-17252	Boring & Pothole	38		135	42	$ 1,733.40
61	6/25/2020	RCP2020-17254	Boring & Pothole	38		45	9	$ 429.30
62	6/26/2020	RCP2020-17257	Boring & Pothole	38		24	18	$ 621.00
63	6/29/2020	RCP2020-17270	Boring & Pothole	38		54	7	$ 402.30
64	6/29/2020	RCP2020-17271	Boring & Pothole	38		126	14	$ 869.40
65	6/29/2020	RCP2020-17276	Boring & Pothole	38		36	25	$ 872.10
66	5/21/2021	RCP2021-18441	Boring & Pothole	38		162	38	$ 1,711.80
67	5/21/2021	RCP2021-18442	Boring & Pothole	38		252	35	$ 1,946.70
68	6/1/2020	RCP2020-17151	Trench	38	48			$ 172.80
69	6/8/2020	RCP2020-17169	Trench	38	65			$ 234.00
70	6/17/2020	RCP2020-17210	Trench	38	4182			$ 15,055.20
71	6/8/2021	RCP2020-17170	Trench & Pothole	38	55		7	$ 198.00
72	6/10/2020	RCP2020-17180	Trench & Pothole	38	11		1	$ 39.60

CITY OF ANAHEIM

ESTIMATED FEES FOR EXAMPLE RCPs

No.	RCP Date	RCP #	Description	2019 PCI	Trench Area (sf)	BorePit Area (sf)	Potholes (EA)	Fee ($)
73	6/25/2020	RCP2020-17243	Trench, Boring & Pc	38	52	64	6	$ 595.80
74	6/25/2020	RCP2020-17244	Trench, Boring & Pc	38	254	40	4	$ 1,177.20
75	6/25/2020	RCP2020-17245	Trench, Boring & Pc	38	92	48	8	$ 741.60
76	5/13/2021	RCP2021-18407	Boring & Pothole	37		18	2	$ 124.20
77	5/24/2021	RCP2021-18450	Boring & Pothole	37		8	8	$ 266.40
78	6/30/2020	RCP2020-17281	Boring & Pothole	36		153	10	$ 847.80
79	6/8/2020	RCP2020-17173	Trench & Pothole	33	488		36	$ 1,756.80
80	5/11/2021	RCP2021-18394	Trench	32	114			$ 410.40
81	5/20/2021	RCP2021-18430	Boring & Pothole	30		32	1	$ 144.90
82	4/1/2019	RCP2019-15363	Boring & Pothole	29		4	5	$ 162.90
83	6/10/2020	RCP2020-17176	Trench & Pothole	19	9		1	$ 32.40

2024 ENGINEERING FEE SCHEDULE

effective January 1, 2024

Excavation Permit Fees	
Type of Permit:	**Fees**
Trenching Excavation Permit:	
Non-Telecommunication Provider I Non-cable Operator	
Excavations less than 100 ft long (no intersections)	$195.00
Excavations 100 ft - 500 ft long (no intersections)	$265.00
Excavation over 500 ft	$490.00
Excavation involving any intersection	$490.00
Telecommunication Provider I Cable Operator	
Excavations less than 100 ft long (no intersections)	$195.00
Excavations 100 ft - 500 ft long (no intersections)	$265.00
Excavation over 500 ft	$490.00
Excavation involving any intersection	$490.00
Boring Permit:	
Non-Telecommunication Provider I Non-coble Operator	
Less than 200 ft.	$195.00
200 ft. to 550 ft.	$490.00
550 ft. to 1,000 ft.	$490.00
Involving intersection	$490.00
Core/soil samples	$195.00
Telecommunicotion Provider I Coble Operator	
Less than 200 ft.	$195.00
200 ft. to 550 ft.	$490.00
550 ft. to 1,000 ft.	$490.00
Involving intersection	$490.00
Core/soil samples	$195.00
Pavement Degradation Fees	
Type of Permit:	
Non-Telecommunication Provider I Non-cable Operator	
Arterial/Collector Pavement Age 0-5 years (Sq. Ft.)	$3.87
Arterial/Collector Pavement Age 6-20 years (Sq. Ft.)	$2.76
Residential Pavement Age 0-5 years (Sq. Ft.)	$3.32
Residential Pavement Age 6-20 years	$2.76
Telecommunicotion Provider I Cable Operator	
Arterial/Collector Pavement Age 0-5 years {Sq. Ft.)	$3.76
Arterial/Collector Pavement Age 6-20 years {Sq. Ft.)	$2.65
Residential Pavement Age 0-5 years {Sq. Ft.)	$3.21
Residential Pavement Age 6-20 years {Sq. Ft.)	$2.65
Other Applicable Fees:	
Inspection Overtime Fee (per hour)	$56.41
Re-inspection (re-do)	$35.12
No permit for the job	2 x permit
Second no permit for the job	3 x permit

CITY OF RIO RANCHO
COVER PAGE

Legislation Item: D14

AGENDA DATE:
February 13, 2025

DEPARTMENT:
Administration

SUBJECT:
D14, Discussion Regarding Municipal Judge Salary Pursuant to Sections 34.02(B) (1-2) of Municipal Code

BACKGROUND AND ANALYSIS:
The elected Municipal Judge is a position prescribed by the City's Charter to, "constitute the judicial branch of the city government." The Charter gives the authority to set the Municipal Judge's salary by ordinance, and in 2016, the Governing Body approved the following language as part of Section 34.02(B) of the Municipal Code:

(1) Effective from the date the Municipal Judge takes the oath of office in 2018, the Municipal Judge shall receive an annual salary of $70,000.

(2) Beginning with the 2022 municipal election for Municipal Judge and thereafter, one year prior to the regular municipal election day where the office of the Municipal Judge, a four-year term, shall be voted on, the Governing Body shall review the annual Municipal Judge salary. If the Governing Body, by majority vote, decides to adjust the annual salary for the Municipal Judge, it shall do so no later than 11 months prior to the regular municipal election day where the office of Municipal Judge shall be voted on. The adjusted Municipal Judge salary shall become effective for the applicable Municipal Judge term (the oath of office day beginning a four-year term).

(3) The Municipal Judge shall have the option to participate in any city-sponsored life insurance and health insurance programs on the same conditions and terms as any other city employee.

(4) The annual salary of the Municipal Judge shall not be increased or decreased during their respective term of office.

Because an election will take place in March 2026 for the Office of Municipal Judge, the Governing Body must review the salary of the Municipal Judge position at the present time.

This is a discussion item only. Staff is seeking input on a salary adjustment recommendation. An amending ordinance will need to be presented for first and second readings at the Governing Body's March 2025 regular meetings in order to adjust the Municipal Judge’s salary and to be compliant with Municipal Code. If an adjustment is approved by the Governing Body in March 2025, the new Municipal Judge salary would be effective at the start of the new four-year term for the Judge, which would either be April 2026 (no runoff election) or May 2026 (if a runoff election is required).

Staff recommends raising the Municipal Judge salary by 15 percent, which is an increase from

$70,000 to $80,500 annually. The basis for this recommendation stems from the following.

No adjustment to the Municipal Judge's salary has occurred since 2018. Pursuant to the State Constitution and Municipal Code, no municipal elected official can have their salary increased or decreased during their respective term of office. The Governing Body declined to adjust the Municipal Judge salary in 2021, with an effective date of April 2022.

The elected Municipal Judge's current salary of $70,000 exceeds that of the full-time Mayor position in Rio Rancho (currently $66,733). Between 2018 to present, pursuant to Municipal Code, the elected Mayor's salary increased 6.5 percent. Between 2018 to present, pursuant to Municipal Code, the elected City Councilor salary increased 26 percent ($17,538.36 to $22,114.84).

The two most comparable cities in New Mexico to Rio Rancho in terms of population are Santa Fe and Las Cruces. Based on research, Santa Fe currently compensates their Municipal Judge $188,929, and Las Cruces pays $147,910. It is important to note that both of these comparable jurisdictions require, via their respective City Charter, that the Municipal Judge is an attorney in good standing, licensed to practice law in the State of New Mexico (includes possessing a higher education law degree - Juris Doctor).

Rio Rancho currently does not have any education and/or professional requirements in order to serve as Rio Rancho's elected Municipal Judge. The only qualifications for Rio Rancho's Municipal Judge are listed in the City Charter and Municipal Code:

(1) Charter 4.02 (B) - Be a qualified elector of the City of Rio Rancho; and

(2) Municipal Code 34.02 (A) - The Municipal Judge must be a registered voter, over 21 years of age, and a resident of the City and shall continually retain residence within the City throughout his term of office.

In order to add an education and/or professional requirement to serve as Rio Rancho's elected Municipal Judge, a Charter amendment question must be presented to voters and adopted. If this requirement is established in the future, staff recommends that the Governing Body re-examine the Municipal Judge salary to factor in the significant education and/or professional requirement required to hold office.

Based on ordinance changes the past several years, the Rio Rancho Police Department now files many cases (e.g., DUI) with State Magistrate Court, which has greater resources and more severe offender accountability in relation to fines, penalties, jail time, and probation periods. As a result of these changes, between Fiscal Year 2018 to Fiscal Year 2023, the Municipal Court case count decreased from 10,654 to 5,386 (a 49 percent decrease).

An appointed Alternate Judge is currently utilized when the elected Municipal Judge is unable to perform their duties. Currently, two different individuals are utilized as an Alternate Judge to preside over Municipal Court sessions. Based on payment records (per Municipal Code an Alternate Judge is paid $175 per court session), in calendar year 2024, an Alternate Judge presided over Rio Rancho Municipal Court approximately 16 percent of the time.

IMPACT:

Based on Governing Body input, staff will bring forth an ordinance for first reading at the Governing Body's March 13, 2025 regular meeting for consideration that would adjust the Municipal Judge salary, effective in 2026.

ALTERNATIVES:

Pursuant to Section 34.02(B)(2) of the Municipal Code, this discussion must occur. There are no other alternatives.

DEPARTMENT RECOMMENDATION:

This is a discussion item only. Staff recommends raising the Municipal Judge salary by 15 percent, which is an increase from $70,000 to $80,500 annually.