

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
CITY CONTACT: Clementina Giordano, Contract Specialist, Email: Cgiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
L. Nasrawi/B. Doringo/LJI

CONTRACT DOCUMENTS



FOR

Pipeline Rehab - Phase G-2 (Laterals)

VOLUME 1 OF 2

BID NO.: _____ **K-15-5368-DBB-3**
SAP NO. (WBS/IO/CC): _____ **B-11029**
CLIENT DEPARTMENT: _____ **2011**
COUNCIL DISTRICT: _____ **CITYWIDE**
PROJECT TYPE: _____ **JA**

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

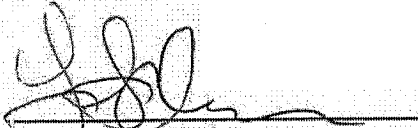
- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

BID DUE DATE:

2:00 PM
SEPTEMBER 22, 2014
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101

ENGINEER OF WORK

The engineering Specifications and Special Provisions contained herein have been prepared by or under the direction of the following Registered Engineer:



For City Engineer

8/14/17

Date

Seal

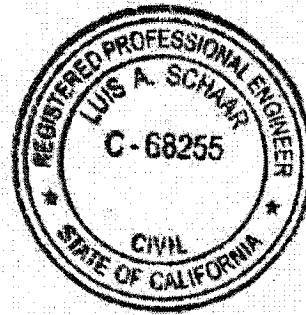


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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracts at the location, time, and date shown on the cover of these specifications for performing work on **Pipeline Rehab - Phase G-2 (Laterals)** (Project).
2. **SUMMARY OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described in ATTACHMENT A.
3. **BIDS ARE PUBLIC RECORDS:** Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.
4. **SUBCONTRACTING PARTICIPATION PERCENTAGES:**
 - 4.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	4.3%
2. ELBE participation	11.0%
3. Total mandatory participation	15.3%
 - 4.2. The Bidders are strongly encouraged to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract. See the City's document titled "SLBE Program, Instructions For Bidders Completing The Good Faith Effort Submittal" available at: <http://www.sandiego.gov/eoc/>
 - 4.3. The Bid will be declared non-responsive if the Bidder fails the following mandatory conditions:
 - 4.3.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR.

- 4.3.2. Bidder's submission of Good Faith Effort documentation demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within **3 Working Days** of the Bid opening if the overall mandatory participation percentage is not met.
- 4.4. For additional Funding Agency Equal Opportunity Contracting Program requirements, see Attachment C.
5. **PRE-BID MEETING:**
- 5.1. There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracts, Conference Room at 1010 Second Avenue, 14th Floor, San Diego, CA 92101 **at 10:00 A.M., on September 3, 2014.**
- 5.2. All potential bidders are encouraged to attend.
- 5.3. To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracts at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.
6. **CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:**
- 6.1. **Prior** to the Award of the Contract or each Task Order, you and your Subcontractors and Suppliers must register with the City's web-based contract compliance website, Prism®, located here:
<https://pro.prismcompliance.com/default.aspx>.
- 6.2. The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer.
7. **JOINT VENTURE CONTRACTORS:** Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 2-1.1.2, "Joint Venture Contractors" in The WHITEBOOK for details.
8. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.
- 8.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

- 8.2.** Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
- 8.3.** The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.
- 8.4. Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.5. Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.6. Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor shall be held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.7. Working Hours.** Contractor and subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.8. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.

8.9. Labor Code Section 1861 Certification. Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”

8.10. Labor Compliance Program. The City has its own Labor Compliance Program as authorized by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred.

9. INSURANCE REQUIREMENTS:

9.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City’s Notice of Intent to Award letter.

9.2. Refer to sections 7-3, “LIABILITY INSURANCE”, and 7-4, “WORKERS’ COMPENSATION INSURANCE” of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

10. PREQUALIFICATION OF CONTRACTORS:

10.1. Contractors submitting Bid must be pre-qualified for the total amount proposed, inclusive of all alternate items prior to the date of submittal. Bids from contractors who have not been pre-qualified as applicable and Bids that exceed the maximum dollar amount at which contractors are pre-qualified will be deemed **non-responsive** and ineligible for award. Complete information and prequalification questionnaires are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification.shtml>

10.2. The completed questionnaire, financial statement, and bond letter or a copy of the contractor’s SLBE-ELBE certification and bond letter, must be submitted no later than 2 weeks prior to the bid opening to the Public Works Contracts, Prequalification Program, 1010 Second Avenue, 14th Floor, San Diego, CA 92101. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.

11. REFERENCE STANDARDS: Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”)	2012	PITS070112-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)*	2012	PITS070112-02
City of San Diego Standard Drawings*	2012	PITS070112-03

Title	Edition	Document Number
Caltrans Standard Specifications	2010	PITS070112-04
Caltrans Standard Plans	2010	PITS070112-05
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use (when specified)*	Varies	Varies
Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84	1984	769023
NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml		

- 12. CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.
- 13. CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.
- 14. CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2.
- 15. SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.
- 16. AWARD PROCESS:**
- 16.1.** The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
- 16.2.** Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.
- 16.3.** This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.
- 17. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.

- 18. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.
- 19. SUBMISSION OF QUESTIONS:**
- 19.1.** The Director (or designee), of the Public Works Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:
- Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: [Contract Specialist listed on the front cover hereof]
- OR:
- Email address of the Contract Specialist listed on the front cover hereof.
- 19.2.** Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 19.3.** Clarifications deemed by the City to be material shall be issued by Addenda and uploaded to the City's online bidding service.
- 19.4.** Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
- 20. ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in **more** than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
- 21. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms with the Notice Inviting Bids and Contract forms.
- 22. PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.
- 22.1.** Bidder shall complete and submit all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the

Bid. The entire specifications for the bid package do not need to be submitted with the bid.

- 22.2. The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.
- 22.3. Bids and certain other forms and documents as specified in the Volume 2 of 2 of the Contract Documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.
- 22.4. Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.

23. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY):

- 23.1. With the exception of the contracts valued \$5,000 or less, JOC and Design-Build contracts, and contracts subject to the Small and Local Business Program of \$250,000 or less e.g., ELBE contracts, each Bidder shall accompany its Bid with either a cashier's check upon some responsible bank, or a check upon such bank properly certified or an approved corporate surety bond payable to the City of San Diego, for an amount of not less than 10% of the aggregate sum of the Bid, which check or bond, and the monies represented thereby shall be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into such contract and furnish the required final bonds.
- 23.2. The Bidder agrees that in case of Bidder's refusal or failure to execute this contract and give required final bonds, the money represented by a cashier's or certified check shall remain the property of the City, and if the Bidder shall fail to execute this contract, the Surety agrees that it will pay to the City damages which the City may suffer by reason of such failure, not exceeding the sum of 10% of the amount of the Bid.
- 23.3. A Bid received without the specified bid security will be rejected as being **non-responsive**.

24. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 24.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 24.2. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules will be rejected as being non-responsive.
- 24.3. The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 24.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.

- 24.5. A non-selected Bidder may protest award of the Contract to the selected Bidder by submitting a written "Notice of Intent to Protest" including supporting documentation which shall be received by Public Works Contracts no later than 10 days after the City's announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsible in accordance with San Diego Municipal Code Chapter 2, § 22.3029, "Protests of Contract Award."
- 24.6. The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 24.7. Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 24.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of any proposed alternates, additive items or options, at its discretion that will be disclosed in the Volume 2 of 2.

25. BID RESULTS:

- 25.1. The Bid opening by the City shall constitute the public announcement of the Apparent Low Bidder. In the event that the Apparent Low Bidder is subsequently deemed non-responsive or non-responsible, a public announcement will be posted in the City's web page <http://www.sandiego.gov/cip/index.shtml>, with the name of the newly designated Apparent Low Bidder.
- 25.2. To obtain Bid results, either attend Bid opening, review the results on the City's web site, or provide a self-addressed, stamped envelope, referencing Bid number, and Bid tabulation will be mailed to you upon verification of extensions. Bid results cannot be given over the telephone.

26. THE CONTRACT:

- 26.1. The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.
- 26.2. If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
- 26.3. If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.

- 26.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14 Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.
- 26.5.** The award of the Contract is contingent upon the satisfactory completion of the above mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.
- 27. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 28. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 28.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 28.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 28.3.** The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
- 28.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 28.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 28.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 28.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

29. PRE-AWARD ACTIVITIES:

29.1. The selected contractor by the City to execute a contract for this Work shall provide the information required within the time specified in “Required Documents,” of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.

29.2. If the Bid is rejected as non-responsive, the selected contractor by the City to execute a contract for this Work shall forfeit the required Bid. The decision that the selected contractor by the City to execute a contract for this Work is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

30. REQUIRED DOCUMENT SCHEDULE:

30.1. The Bidder’s attention is directed to the City’s Municipal Code §22.0807(e), (3)-(5) for important information regarding grounds for debarment for failure to submit required documentation.

30.2. The specified Equal Opportunity Contracting Program (EOCP) forms are available for download from the City’s web site at:

<http://www.sandiego.gov/eoc/forms/index.shtml>

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	WITHIN 3 WORKING DAYS OF BID OPENING	ALL BIDDERS	SLBE Good Faith Efforts Documentation
9.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Form AA60 – List of Work Made Available

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
10.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.
11.	WITHIN 5 WORKING DAYS OF BID OPENING	THREE APPARENT LOW BIDDERS	Contractor's Experience and Past Project Documentation. See Section 500
12.	WITHIN 5 WORKING DAYS OF BID OPENING	THREE APPARENT LOW BIDDERS	<ul style="list-style-type: none"> • Manufacturer Certification per Section 500-1.1.2.1
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
20.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
21.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

ATTACHMENTS

CONTRACT FORMS
AGREEMENT

CONTRACT FORMS

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Southwest Pipeline & Trenchless Corp.**, herein called "Contractor" for construction of **Pipeline Rehab - Phase G-2 (Laterals) Bid No. K-15-5368-DBB-3** in the amount of **Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and 00/100 (\$4,106,220.00)**, which is comprised of the Base Bid only.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled **Pipeline Rehab - Phase G-2 (Laterals)** on file in the office of the Public Works Department as Document No. **B-11029** as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Pipeline Rehab - Phase G-2 (Laterals), Bid Number K-15-5368-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

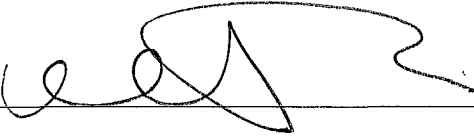
CONTRACT FORMS (continued)


IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code 22.3107 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Jan I. Goldsmith, City Attorney

By 

By 
Jeremy Jung

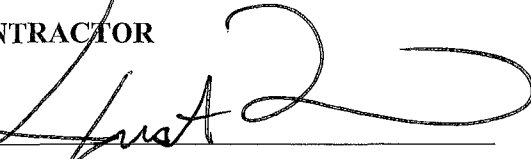
Print Name: Downs Prior,
Principal Contract Specialist

Print Name: _____
Deputy City Attorney

Date: 1/20/15

Date: 1/15/2015

CONTRACTOR

By 

Print Name: JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

Title: _____

Date: 10-27-2014

City of San Diego License No.: 82003006118

State Contractor's License No.: 773862

CONTRACT FORMS

ATTACHMENTS

**CONTRACT FORMS ATTACHMENTS
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND**

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Southwest Pipeline & Trenchless Corp., a corporation, as principal, and Liberty Mutual Insurance Company, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and 00/100 (\$4,106,220.00), for the faithful performance of the annexed contract, and in the sum of Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and 00/100 (\$4,106,220.00), for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract Pipeline Rehab - Phase G-2 (Laterals), Bid Number K-15-5368-DBB-3 San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

If the Principal shall promptly pay all persons, firms and corporations furnishing materials for or performing labor in the execution of this contract, and shall pay all amounts due under the California Unemployment Insurance Act then the obligation herein with respect to laborers and materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all persons, firms and corporations entitled to file claims under the provisions of Chapter 3 of Division 5 of Title I of the Government Code of the State of California or under the provisions of Section 3082 et seq. of the Civil Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby waives notice of same.

CONTRACT FORMS ATTACHMENTS (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated October 24, 2014

Approved as to Form and Legality

Southwest Pipeline and Trenchless Corp.

Principal

By 

JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO

Printed Name SOUTHWEST PIPELINE AND TRENCHLESS CORP. principal

Jan I. Goldsmith, City Attorney

By 

Deputy City Attorney

Liberty Mutual Insurance Company

Surety

By 

Noemi Quiroz, Attorney-in-fact

Approved:

By 

Downs Prior, Principal Contract Specialist

1/20/15

330 N. Brand Blvd., Ste 500

Local Address of Surety

Glendale, CA 91203

Local Address (City, State) of Surety

(818) 956-4250

Local Telephone No. of Surety

Premium \$ 31,042.00

Bond No. 024059274

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

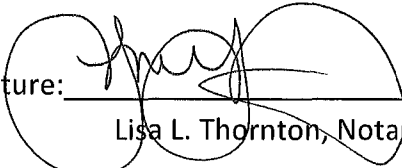
State of California)
) ss
County of Los Angeles)

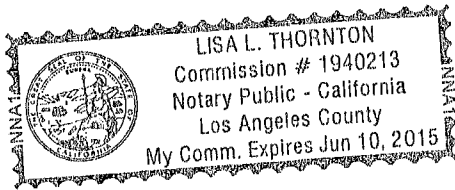
On OCT 24 2014, before me, Lisa L. Thornton, Notary Public, personally appeared Noemi Quiroz, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature: 
Lisa L. Thornton, Notary Public



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees. To confirm the validity of this Power of Attorney call 610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Noemi Quiroz of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

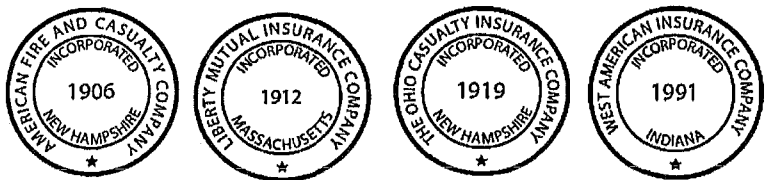
Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: 024059274

Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 18th day of November, 2013.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 18th day of November, 2013, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

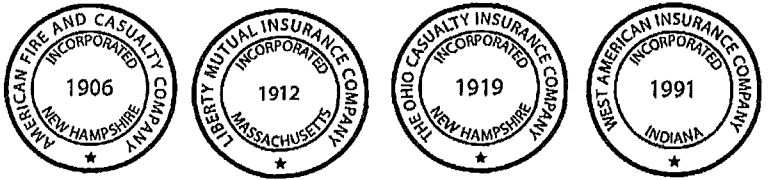
ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of October, 2014.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

PROJECT TITLE: Pipeline Rehab Phase G-2 (Laterals)

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 7-13.3, "Drug-Free Workplace", of the project specifications, and that;

SOUTHWEST PIPELINE AND

TRENCHLESS CORP.

(Name under which business is conducted)

has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

Signed

Printed Name

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Pipeline Rehab Phase ~~6-2~~ (Laterals)

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American With Disabilities Act", of the project specifications, and that;

(Name under which business is conducted)

has in place a workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

Signed _____

Printed Name _____

Title _____

JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: Pipeline Rehab Phase F-2 (Laterals)

I declare under penalty of perjury that I am authorized to make this certification on behalf of _____, as Contractor, that I am familiar with the requirements of City of San Diego Municipal Code § 22.3224 regarding Contractor Standards as outlined in the WHITEBOOK, Section 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3224.

Dated this 27th Day of OCTOBER, 2014.

Signed _____

Printed Name _____

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title _____

AFFIDAVIT OF DISPOSAL

WHEREAS, on the _____ DAY OF _____, 2____ the undersigned entered into and executed a contract with the City of San Diego, a municipal corporation, for:

Pipeline Rehab Phase 6-2 (Laterals)
(Name of Project)

as particularly described in said contract and identified as Bid No. ~~K-15-5364-DBB-3~~; SAP No. (WBS/IO/CC) ~~B-11629~~ and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

NOW, THEREFORE, in consideration of the final payment by the City of San Diego to said Contractor under the terms of said contract, the undersigned Contractor, does hereby affirm that all surplus materials as described in said contract have been disposed of at the following location(s)

and that they have been disposed of according to all applicable laws and regulations.

Dated this _____ DAY OF _____, _____.

by _____ Contractor

ATTEST:

State of _____
County of _____

On this _____ DAY OF _____, 2____, before the undersigned, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared _____ known to me to be the _____ Contractor named in the foregoing Release, and whose name is subscribed thereto, and acknowledged to me that said Contractor executed the said Release.

Notary Public in and for said County and State

PHASED FUNDING SCHEDULE AGREEMENT

Check one:

- First Phased Funding Schedule Agreement
- Final Phased Funding Schedule Agreement

BID NUMBER: K-15-5368-DBB-3

CONTRACT OR TASK TITLE: Pipeline Rehab - Phase G-2 (Laterals)

CONTRACTOR: Southwest Pipeline & Trenchless Corporation

Funding Phase	Phase Description	Phase Start	Phase Finish	Phase Duration (Working Days)	Not-to-Exceed Amount
1	Mobilization, lateral cleaning & CCTV lateral point repairs, clean-out installation, rehabilitate 4 inch, 6 inch sewer laterals, installation of top hats.	1/2/15	7/31/15	146	Sewer: \$2,503,857.50
2	Continue installation lateral clean-outs, rehabilitate/line laterals, final inspection of laterals, slurry seal/paving, concrete repair and job close out.	8/3/15	2/12/16	134	Sewer: \$1,598,162.50
Total				280	\$4,102,020.00

Notes:

- (1) City Supplement 9-3.6, "PHASED FUNDING COMPENSATION" applies.
- (2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- (3) This PHASED FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by a written modification to the CONTRACT.

CITY OF SAN DIEGO
By: [Signature]

Name: WIS SCHAAZ
Project Manager

Department Name: PWE

Date: 11/13/14

CONTRACTOR
By: [Signature]

Name: Luis Salcedo

Title: Project Manager

Date: 11/7/14

-END OF PHASED FUNDING SCHEDULE AGREEMENT-

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** The work involves furnishing all labor, materials, equipment, services, and construction of sewer laterals cleanouts, and the cleaning, lining and televising of one thousand, eight hundred, eleven (1,811) existing 4-inch and 6-inch laterals.
 - 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids, inclusive.
2. **CONSTRUCTION COST:** The City's estimated construction cost for this contract is **\$5,151,010**.
3. **LOCATION OF WORK:** See the location maps in Appendix E.
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **280 Working Days**.
5. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

5.1. The City has determined the following licensing classification(s) for this contract:

Option	Classification(s)
1	CLASS A
2	CLASS C34
3	CLASS C42

5.2. The Bidder shall satisfy the licensing requirement by meeting **at least** one of the listed options.

ATTACHMENT B
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ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM

1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE each in its entirety, and SUBSTITUTE with the following:

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

1. The Contractor, Subcontractors and Suppliers shall comply with requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

The Contractor shall not discriminate on the basis of race, gender, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring, or treatment of subcontractors, vendors, or suppliers. The Contractor shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. The Contractor understands and agrees that violation of this clause shall be considered a material breach of the contract and may result in contract termination, debarment, or other sanctions.

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. Disclosure of Discrimination Complaints. As part of its Bid or Proposal, the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.
3. Upon the City's request, the Contractor agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that the Contractor has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by the Contractor for each subcontract or supply contract.
4. The Contractor further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance, Municipal Code §§22.3501 through 22.3517. The Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against the Contractor up to and including contract termination, debarment and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Contractor further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination in Contracting Ordinance apply only to violations of the Ordinance.

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

1. The Contractor, Subcontractors and Suppliers shall comply with the City's Equal Employment Opportunity Outreach Program, San Diego Municipal Code §§22.2701 through 22.2707.

The Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Prime Contractor shall ensure their subcontractors comply with this program. Nothing in this section shall be interpreted to hold a prime contractor liable for any discriminatory practice of its subcontractors.

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05), within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.
3. If a Work Force Report is submitted, and the City determines there are under-representations when compared to County Labor Force Availability data, the selected Bidder shall submit an Equal Employment Opportunity Plan.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 1. The Contractor shall maintain a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work.
 2. The Contractor reviews its EEO Policy, at least annually, with all on-site supervisors involved in employment decisions.
 3. The Contractor disseminates and reviews its EEO Policy with all employees at least once a year, posts the policy statement and EEO posters on all company bulletin boards and job sites, and documents every dissemination, review and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
 4. The Contractor reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
 5. The Contractor discusses its EEO Policy Statement with subcontractors with whom it anticipates doing business, includes the EEO Policy Statement in its subcontracts, and provides such documentation to the City upon request.

6. The Contractor documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations.
7. The Contractor disseminates its EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit, maintains files documenting these efforts, and provides copies of these advertisements to the City upon request.
8. The Contractor disseminates its EEO Policy to union and community organizations.
9. The Contractor provides immediate written notification to the City when any union referral process has impeded the Contractor's efforts to maintain its EEO Policy.
10. The Contractor maintains a current list of recruitment sources, including those outreaching to people of color and women, and provides written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
11. The Contractor maintains a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
12. The Contractor encourages all present employees, including people of color and women employees, to recruit others.
13. The Contractor maintains all employment selection process information with records of all tests and other selection criteria.
14. The Contractor develops and maintains documentation for on-the-job training opportunities, participates in training programs, or both for all of its employees, including people of color and women, and establishes apprenticeship, trainee, and upgrade programs relevant to the Contractor's employment needs.
15. The Contractor conducts, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourages all employees to seek and prepare appropriately for such opportunities.
16. The Contractor ensures the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.

ATTACHMENT D
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ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

The following Supplementary Special Provisions (SSP) modifies the following documents:

- 1) Standard Specifications for Public Works Construction (The GREENBOOK) currently in effect.
 - 2) The City of San Diego Standard Specifications for Public Works Construction (The WHITEBOOK).
-

SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS

1-2 TERMS AND DEFINITIONS.

Normal Working Hours. To the City Supplement, ADD the following:

The Normal Working Hours are **8:30 AM** to **3:30 PM**.

SECTION 2 - SCOPE AND CONTROL OF WORK

2-3.2 Self Performance. DELETE in its entirety and SUBSTITUTE with the following:

1. You must perform, with your own organization, Contract work amounting to at least 30% of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.

2-5.3.1 General. To the City Supplement, ADD the following

7. For products for which an AML is available, products listed in the AML shall be used. A submittal review will be conducted for products not identified on an AML on a case-by-case basis when:
 - a) The product type or category is not in the AML.
 - b) The AML does not list at least two available manufacturers of the product.
 - c) The material or manufacturer listed in the AML is no longer available. Documentation to substantiate the product is no longer available or in production is required as part of the submittal.

In the case of conducting a submittal review when required by the Plans or Special Provisions, or when requested by the Engineer, all submittals shall be accompanied by the City's submittal form.

The Product Submittal Form is available for download at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

SECTION 4 - CONTROL OF MATERIALS

4-1.3.6 Preapproved Materials. To the City Supplement, ADD the following:

3. You shall submit in writing a list of all products to be incorporated in the Work that are on the AML.

4-1.6 Trade Names or Equals. ADD the following:

You must submit your list of proposed substitutions for “an equal” (“or equal”) item(s) **no less than 15 Working Days prior to Bid due date** and on the City’s Product Submittal Form available at.

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

6-2.1 Moratoriums. To the City Supplement, ADD the following:

Do not work in the street where there is currently a moratorium issued by the City. The areas subject to moratorium are listed here:

- a) Sewer Main FSN 326 from May 26, 2014 to September 1, 2014 (inclusive).
- b) Sewer Main FSN 5181929 from December 1, 2014 to January 15, 2016 (inclusive).
- c) Sewer Main FSN 5181972 from December 1, 2014 to January 15, 2016 (inclusive).

6-7.1 General. To the City Supplement, ADD the following:

5. 30 Working days for full depth asphalt final mill and resurfacing work required per SDG-107.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-3 LIABILITY INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

The insurance provisions herein must not be construed to limit your indemnity obligations contained in the Contract.

7-3.1 Policies and Procedures.

1. You must procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You must maintain this insurance for the duration of this contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this contract. Your liabilities under the Contract, e.g., your indemnity obligations, is not deemed limited to the insurance coverage required by this contract.
4. Payment for insurance is included in the various items of Work as bid by you, and except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any work under this contract until you have provided and the City has approved all required insurance.
5. Policies of insurance must provide that the City is entitled to 30 days (10 days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

1. Commercial General Liability Insurance must be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy must cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There must be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense must be outside the policy limits. Policy coverage must be in liability limits of not less than the following:

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

7-3.2.2 Commercial Automobile Liability Insurance.

1. You must provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles (“Any Auto”).
2. All costs of defense must be outside the limits of the policy.

7-3.2.3 Contractors Pollution Liability Insurance.

1. You must procure and maintain at your expense or require Subcontractor, as described below to procure and maintain, the Contractors Pollution Liability Insurance including contractual liability coverage to cover liability arising out of cleanup, removal, storage, or handling of hazardous or toxic chemicals, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit for bodily injury and property damage.
2. All costs of defense must be outside the limits of the policy. Any such insurance provided by Subcontractor instead of you must be approved separately in writing by the City.
3. For approval of a substitution of Subcontractor’s insurance, you must certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible must not exceed \$25,000 per claim.
4. Contractual liability must include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There must be no endorsement or modification of the coverage limiting the scope of coverage for either “insured vs. insured” claims or contractual liability.
5. Occurrence based policies must be procured before the Work commences and must be maintained for the Contract Time. Claims Made policies must be procured before the Work commences, must be maintained for the Contract Time, and must include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies must continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
6. Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 days prior written notice (10 days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

7-3.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this contract as described herein must be carried only by responsible insurance companies with a rating of, or equivalent to, at least “A-, VI” by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, and that have been approved by the City.

7-3.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, “surplus lines” carriers only if the carrier is authorized to do business in the State and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers must be subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

7-3.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document must be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
- c) The additional insured coverage for projects for which the Engineer’s Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.
- d) The additional insured coverage for projects for which the Engineer’s Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, or (c) premises owned, leased, controlled, or used by you.

7-3.5.1.2 Primary and Non-Contributory Coverage. The policy must be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it must provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.1.3 Project General Aggregate Limit.

The policy or policies must be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work must reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

7-3.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

- a) The policy or policies must be endorsed to include as an Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you; except that in connection with, collateral to, or affecting any construction contract to which the provisions of subdivision (b) of § 2782 of the California Civil Code apply, this endorsement must not provide any duty of indemnity coverage for the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives in any case where an agreement to indemnify the City and its respective elected officials, officers, employees, agents, and representatives would be invalid under subdivision (b) of §2782 of the California Civil Code.
- b) In any case where a claim or loss encompasses the negligence of the Insured and the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives that is not covered because of California Insurance Code §11580.04, the insurer's obligation to the City and its respective elected officials, officers, employees, agents, and representatives must be limited to obligations permitted by California Insurance Code §11580.04.

7-3.5.3.2 Primary and Non-Contributory Coverage. The policy or policies must be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies must provide that your insurance must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability and must provide cross-liability coverage.

7-3.6 Deductibles and Self-Insured Retentions. You must pay for all deductibles and self-insured retentions. You must disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.

7-3.7 Reservation of Rights. The City reserves the right, from time to time, to review your insurance coverage, limits, deductibles and self-insured retentions to determine if they are acceptable to the City. The City will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer but not required by this contract.

7-3.8 Notice of Changes to Insurance. You must notify the City 30 days prior to any material change to the policies of insurance provided under this contract.

7-3.9 Excess Insurance. Policies providing excess coverage must follow the form of the primary policy or policies e.g., all endorsements.

7-4 WORKERS' COMPENSATION INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

7-4.1 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of §3700 of the California Labor Code, you must provide at your expense Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials, and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.
2. Limits for this insurance must be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

3. By signing and returning the Contract you certify that you are aware of the provisions of §3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you must comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

7-4.1.1 Waiver of Subrogation.

The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

7-8.6 Water Pollution Control. ADD the following:

1. Based on a preliminary assessment by the City, the Contract is subject to WPCP.

7-10.5.3 Steel Plate Covers. Table 7-10.5.3(A), REVISE the plate thickness for 5'-3" trench width to read 1 3/4".

7-15 INDEMNIFICATION AND HOLD HARMLESS AGREEMENT. To the City Supplement, fourth paragraph, last sentence, DELETE in its entirety and SUBSTITUTE with the following:

Your duty to indemnify and hold harmless does not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its officers, or employees.

7-16 COMMUNITY LIASON. To the City Supplement, DELETE in its entirety and SUSBTITUTE with the following:

ADD:

7-16 COMMUNITY OUTREACH.

7-16.1 General.

1. To ensure consistency with the City's community outreach plan for the project, the City will work with the Contractor to inform the public (which includes, but is not limited to, property owners, renters, homeowners, business owners, recreational users, and other community members and stakeholders) of construction impacts. Efforts by the Contractor to mitigate construction impacts by communicating with the public require close coordination and cooperation with the City.
2. The Contractor will perform the community outreach activities required throughout the Contract Time.
3. The Contractor shall closely coordinate the Work with the businesses, institutions, residents and property owners impacted by the Project. Example duties of the Contractor include notification to the businesses, institutions and residents of the commencement of construction activities not less than 5 days in advance, coordination of access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project, reporting of Contractor activities at all Project progress meetings scheduled by the Engineer, attendance to the Project Pre-construction Meeting, attendance at 2 community meetings, response to community questions and complaints

related to Contractor activities, and written documentation including logging in all inquiries and complaints received into the City's Public Contact Log located on the City's SDSHare site:

<http://sdshare/forums/ecp/PITS/picr/Lists/Public%20Contact%20Log/AllItems.aspx>

4. The Contractor shall execute the Information Security Policy Acknowledgement Form - For Non-City Employees within 15 days of the award of the Contract if:
 - a) The contact information for the Contractor is made available on any outreach materials or;
 - b) The Contractor will be the primary point of contact to resolve project related inquiries and complaints.

5. Electronic Communication.

All inquiries and complaints will be logged in to the City's SDSHare site within 24 hours of receipt of inquiries and complaints.

Any updates or a resolution of inquiries, and complaints shall be documented in the City's SDSHare site within 24 hours.

Copies of email communications shall be saved on to the City's SDSHare site as individually as an Outlook Message Format (*.msg).

All graphics, photos, and other electronic files associated with the inquiries and or complaints shall be saved into the individual record.

6. **When specified in the Special Provisions**, present your Exclusive Community Liaison to the Engineer, in writing, within 15 days of the award of the Contract.

7-16.2 Submittals.

1. The Contractor shall submit to the Resident Engineer, for review and approval, all drafts of letters, notices, postcards, door hangers, signs, mailing lists, proposed addresses for hand-delivery, and any other notices and letters that are to be mailed and or distributed to the public.
 - a. Prior to distributing or mailing, the Contractor shall submit final drafts of letters, notices, postcards, door hangers, signs, and any other notices and letters to the Resident Engineer for final review and approval.
 - b. After distributing or mailing, the Contractor shall submit verification of delivery and any copies of returned notices to the Resident Engineer.

2. The Contractor will use the City's SDSShare site to identify and summarize communications (via phone, in person, and email) with the public the within 24 hours of receipt, even if the Contractor's response to the individual is still incomplete. The Contractor will upload to the City's SDSShare site copies of all written, electronic, and verbal communications and conversations with the public.

7-16.3 Public Notice by Contractor.

1. Furnish and distribute public notices in the form of door hangers using the City's format to all occupants and/or property owners along streets where Work is to be performed at least 5 days before starting the Work as directed by the Resident Engineer.
2. For all Work on private property, contact each owner and occupant individually a minimum of 15 days prior to the Work. If the Work has been delayed, re-notify owners and occupants of the new Work schedule, as directed by the Resident Engineer.

7-16.4 Quality Assurance.

1. During the course of community outreach, the Contractor shall ensure the character of all persons that conduct community outreach (distributing door hangers, attending community meetings, interacting with the public, etc.), on behalf of the Contractor:
 - a. Have the ability to speak and comprehend English and/or Spanish, as appropriate for the community or public they are informing,
 - b. Possess and display easily verifiable and readable personal identification that identifies the person as an employee of the Contractor,
 - c. Have the interpersonal skills to effectively, professionally, and tactfully represent the project, Contractor, and City to the public.

7-16.5 Communications with the Public.

1. The Contractor shall provide updates on construction impacts to the Resident Engineer. The Contractor shall notify the Resident Engineer in advance about time-sensitive construction impacts and may be required to distribute construction impact notices to the public on short notice.
2. The Contractor shall incorporate community outreach activities related to construction impacts in the baseline schedule and update the Resident Engineer with each week's submittal of the Three-Week Look Ahead Schedule.
3. At the request of the Resident Engineer, the Contractor shall attend and participate in project briefings at community meetings.

4. The Contractor shall coordinate with the Resident Engineer on all responses and actions taken to address public inquiries and complaints within 24-hours that they are received.

7-16.6 Communications with Media.

1. The City may allow members of the media access to its construction site(s) on a case-by-case basis only.
2. Occasionally, members of the media may show up at construction sites, uninvited. Members of the media (including, but not limited to newspaper, magazine, radio, television, bloggers, and videographers) do not have the legal right to be in the construction site without the City's permission.
3. In the event media representatives arrive near or on the construction site(s), the Contractor shall keep them off the site(s), in a courteous and professional manner, until a Public Information Officer is available to meet them at an approved location.
4. The Contractor shall report all members of the media visits to the Resident Engineer as quickly as possible, so that the City's Public Information Officer can meet with the members of the media at the construction site(s).
5. If the City allows members of the media to access a construction site, the Contractor shall allow the City to escort the media representatives while they are on the construction site and shall ensure their safety.
6. The Contractor shall require media representatives to sign in and out of the Site Visitor Log and to use Personal Protective Equipment.
7. The Contractor has a right to speak to members of the media about its company and its role on the project. All other questions shall be referred to the City.

7-16.7 Exclusive Community Liaison Services.

If directed to conduct Exclusive Community Liaison Services, the Contractor shall retain an Exclusive Community Liaison for the Project whose sole responsibilities will be as follows:

1. Develop a contact list of community, tenants, property owners, and agencies with a stake in the project.
2. Notify businesses, institutions, property owners, and residents of the commencement of construction activities and utility service interruptions not less than 5 days in advance.
3. Coordinate access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project.

4. Prepare and present of materials in coordination with the Resident Engineer (the City's standards and guidelines for the communication materials are available for review by Bidders by sending a request to the Contract Specialist).
5. Respond to community questions and complaints related to Contractor activities.
6. Write, edit, update, or produce brochures, pamphlets and news releases.
7. Provide standard telephone inquiries and e-mail responses:
 - a) Respond to telephone calls and e-mails from the public.
 - b) Record calls and e-mails on the City's SDSShare site.
8. Report Exclusive Community Liaison activities at all progress meetings scheduled by the Resident Engineer.
9. Attendance at pre-construction, community and stakeholders meetings.

7-16.7.1 Exclusive Community Liaison Work Plan. The Work plan for the Exclusive Community Liaison shall address the items of Work specified in these specifications. Present your Exclusive Community Liaison and submit your exclusive community outreach plan (in writing) as **specified in the Special Provisions** within 15 days of the Award of the Contract.

7-16.8 Payment. The Payment for the community outreach and public notices is included in the various Bid items. The payment for exclusive community liaison is in the bid item for "Exclusive Community Liaison Services" when provided as a separate Bid item." If no Bid item has been provided the payment is included in the various Bid items.

7-20 ELECTRONIC COMMUNICATION. ADD the following:

Virtual Project Manager will be used on this contract.

SECTION 8 - FACILITIES FOR AGENCY PERSONNEL

8-2 FIELD OFFICE FACILITIES. To the City Supplement, DELETE in its entirety.

SECTION 9 - MEASUREMENT AND PAYMENT

9-3.2.5 Withholding of Payment. To the City Supplement, item i), DELETE in its entirety and SUBSTITUTE with the following:

- i) Your failure to comply with 7-2.3, "PAYROLL RECORDS" and 2-16, "CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM."

**ADD:
9-3.7**

Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

SECTION 203 – BITUMINOUS MATERIALS

203-15 RUBBER POLYMER MODIFIED SLURRY (RPMS). To the City Supplement, CORRECT section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
203-15	RUBBER POLYMER MODIFIED SLURRY (RPMS)	203-16
203-15.1	General	203-16.1
203-15.2	Materials	203-16.2
203-15.3	Composition and Grading	203-16.3
203-15.4	Mix Design	203-16.4

ADD the following:

RPMS shall be used on this contract.

SECTION 300 – EARTHWORK

300-1.4 Payment. To the City Supplement, paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

2. Payment for existing pavement removal and disposal of up to 12” thick, within the excavation e.g., trench limits, shall be included in the Bid item for installation of the mains or the Work item that requires pavement removal.

SECTION 302 – ROADWAY SURFACING

302-3 PREPARATORY REPAIR WORK. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

302-3 PREPARATORY REPAIR WORK.

1. Prior to roadway resurfacing or the application of slurry, the Contractor shall complete all necessary preparation and repair work to the road segment e.g., tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc. and as specified in the Special Provisions.

2. Preparatory work shall include, but not be limited to, tree trimming, weed spray, weed abatement, crack sealing, asphalt repair i.e., mill and pave, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc.
3. The Contractor shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2” for Residential streets, and a minimum depth of 3” for all others to expose firm and unyielding pavement. The Contractor shall prepare sub-grade as needed and install a minimum of 2” for residential streets, and a minimum of 3” for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
4. If, in order to achieve the minimum specified depth, the base material is exposed, the material shall be compacted to 95% relative compaction to a depth 10” below the finished grade (dig out). Compaction tests shall be made to ensure compliance with the specifications. The Engineer will determine when and where the test will occur. The City will pay for the soils testing required by the Engineer, which meets the required compaction. The Contractor shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, the Contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, “Class 2 Crushed.”
5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, “Class 2 Crushed.”
6. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4 “Tack Coat.”
7. The Contractor shall install new asphalt within the repair area or for patches in accordance with 302-5, “ASPHALT CONCRETE PAVEMENT.” Asphalt concrete shall be C2-PG 64-10 in compliance with 400-4, “ASPHALT CONCRETE.”
8. No preparatory asphalt work shall be done when the atmospheric temperature is below 50 °F or during unsuitable weather.
9. Following the asphalt placement, the Contractor shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2 “Density and Smoothness.” After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4” wide continuous band of SS-1H.
10. The minimum dimension for each individual repair shall be 4’ x 4’ and shall be subject to the following conditions:
 - a) If the base material is exposed to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, “SUBGRADE PREPARATION.”

- b) When additional base material is required, then the contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Class 2 Crushed." Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Base."
- c) The Contractor may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.
- d) For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt. The areas for scheduled repairs have been marked on the street.

302-3.1 Asphalt Patching.

- 1. Asphalt patching shall consist of patching potholes, gutter-line erosion, and other low spots in the pavement that are deeper than ½" per 302-5.6.2, "Density and Smoothness." These areas are generally smaller and more isolated than those areas in need of mill and pave.
- 2. The areas requiring patching have been identified in the Contract Documents, marked on the streets, or as directed by the Engineer. The Contractor shall identify any new areas that may require patching prior to slurry work to ensure the smoothness and quality of the finished product.
- 3. The Contractor shall identify and repair any areas that may require patching, prior to the placement of slurry seal for smooth finished product.
- 4. Asphalt overlay shall not be applied over deteriorated pavement. Preparatory asphalt work shall be completed and approved by the Engineer before proceeding with asphalt overlay.
- 5. The Contractor shall remove distressed asphalt pavement either by saw cutting or milling, to expose firm and unyielding pavement; prepare sub-grade (as needed); and install compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
- 6. Prior to replacing asphalt, the area shall be cleaned and tack coated per 302-5.4, "Tack Coat".
- 7. Following the asphalt placement, the Contractor shall roll the entire patch in both directions covering the patch at least twice.
- 8. After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
- 9. Base repairs shall not exceed 20% RAP in content.

302-3.2

Payment.

1. Payment for replacement of existing pavement when required shall be included in the unit bid price for Asphalt Pavement repair for the total area replaced and no additional payment shall be made regardless of the number of replacements completed. No payment shall be made for areas of over excavation or outside trench areas in utility works unless previously approved by the Engineer. No payment for pavement replacement will be made when the damage is due to the Contractor's failure to protect existing improvements. The Contractor shall reimburse the City for the cost of retesting all failing compaction tests.
2. The areas and quantities shown on the road segments and in appendices are given only for the Contractor's aid in planning the Work and preparing Bids. The Engineer will designate the limits to be removed and these designated areas shall be considered to take precedent over the area shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary.
3. At the end of each day, the Contractor shall submit to the Engineer an itemized list of the asphalt pavement repair work completed. The list shall include the location of the work and the exact square footage of the repair.
4. Preparatory repair work and tack coating will be paid at the Contract unit price per ton for Asphalt Pavement Repair. No payment shall be made for areas of over excavation unless previously approved by the Engineer.
5. Milling shall be included in the Bid item for Asphalt Pavement Repair unless separate Bid item has been provided.
6. Payment for miscellaneous asphalt patching shall be included in the Contract unit price for slurry and no additional payment shall be made therefore.

302-5.1.1 Damaged AC Pavement Replacement. To the City Supplement, DELETE in its entirety.

302-5.1.2 Measurement and Payment. To the City Supplement, DELETE in its entirety.

302-5.2.1 Measurement and Payment. To the City Supplement, item c), ADD the following:
Imported Sub-grade material shall be paid per bid item "Imported Backfill".

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

306-1 OPEN TRENCH OPERATIONS. To the City Supplement, CORRECT certain section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.8	House Connection Sewer (Laterals) and Cleanouts	306-1.9
306-1.7.1	Payment	306-1.9.1
306-1.7.2	Sewer Lateral with Private Replumbing	306-1.9.2
306-1.7.2.1	Location	306-1.9.2.1
306-1.7.2.2	Permits	306-1.9.2.2
306-1.7.2.3	Submittals	306-1.9.2.3
306-1.7.2.4	Trenchless Construction	306-1.9.2.4
306-1.7.2.5	Payment	306-1.9.2.5
306-1.7.3.6	Private Pump Installation	306-1.9.2.6
306-1.7.3.7	Payment	306-1.9.2.7

306-1.6 **Basis of Payment for Open Trench Installations.** ADD the following:

Payment for imported backfill when the Contractor elects to import material from a source outside the project limits and when authorized by the Engineer shall be included in the Bid unit price for Imported Backfill. The price shall include the removal and disposal of unsuitable materials.

306-1.8.3 **Polyurethane Lining.** To the City Supplement, item 5, DELETE in its entirety

306-22 **PIPE FUSION.** DELETE in its entirety.

SECTION 500 – PIPELINE

500-1.1.1 **General.** To the City Supplement, (1) (a), ADD the following:

The felt and resin system shall be selected from those listed in the City’s approved material list.

500-1.1.2.1 **Initial Submittals.** To the City Supplement, ADD the following:

Within 5 Working Days of the Bid opening date, the three apparent low bidders shall submit the following:

- Contractor’s Experience; past project documentation
- Manufacturer Certification
- Authorize Installer Certificates

500-1.1.5 **Video Inspection.** To the City Supplement, after the last paragraph, ADD the following:

During the pre-installation video the contractor must identify all existing protruding laterals with the existing main and trim them flush to the main prior to rehabilitation. The cost of trimming the existing laterals will be included in the Service Lateral Connection Sealing bid item.

500-1.1.9 Measurement and Payment. Third Paragraph, DELETE in its entirety.

500-1.2.4 Sewer Bypassing and Dewatering. DELETE in its entirety and SUBSTITUTE with the following:

When required by the Contract Documents, the Contractor shall bypass the sewer flow around the Work and dewater the Site in conformance with 704, "SEWAGE SPILL PREVENTION" and 705-2.1, "General."

500-1.6 Service Laterals. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

ADD:

500-1.6 Service Lateral Rehabilitation.

500-1.6.1 General.

- a) The rehabilitation shall be accomplished using a fabric or fiberglass tube of particular length and a thermoset resin with physical and chemical properties appropriate for the application without excavation and disturbing surface improvements. The tube is vacuum impregnated with the resin. Access to an upstream end of the service lateral is made by excavation in the public right of way. Installation of the resin-impregnated tube into the service lateral may be performed either by Type A inversion in accordance with ASTM F1216 or by Type B pull-in in accordance with ASTM F 1743, and may be performed from either the mainline or the excavated end of the lateral.
- b) The cured-in-place liner shall extend the entire length of the lateral from the access point to the mainline. The liner shall be extended sufficiently to create a water tight seal at the main and the liner interface. Once the tube or resin composite is cured, the installation equipment shall be removed and the protruding end in the collector shall be cut using a robotic cutting device. A sewer cleanout in accordance with the Standard Drawing SDS-102 "Sewer Lateral Cleanout (In Driveway, Paved Alley, Sidewalk, or Other Area Subject to Traffic)" or SDS-103 "Sewer Lateral Cleanout Outside Traveled Way" shall be installed at the access point and properly backfilled. If an existing sewer lateral cleanout is located at the access location at the upstream end then the existing sewer lateral cleanout shall be replaced.
- c) A lateral rehabilitation including the installation of lateral cleanout and backfill process should be completed within 15 Working Days.
- d) The liner shall be extended sufficiently to create a water tight seal at the main and the liner interface.

- e) If there is a SLC in place, then the cured-in-place lateral liner shall have a minimum overlap of 2” over the previously installed SLC sewer main lateral connection.
- f) If there is no a SLC in place, then one shall be installed prior to installation of lateral liner. The SLC shall be installed per Section 500-4.

500-1.6.2 Material.

- a) The tube shall consist of one or more layers of flexible needled felt, or an equivalent material. Where the tube is fabricated from non woven felt, the longitudinal and circumferential joints are made up by seal bonding. The tube shall be capable of conforming to bends, off-set joints, bells, and disfigured pipe sections. The resin and catalyst system as designed for the specific application shall meet the chemical resistance requirements of 210-2.3.3, “Chemical Resistance Test (Pickle Jar Test).”
- b) The composite of the materials above shall, upon installation inside the host pipe, shall exceed the minimum test standards specified in Table 500-1.4.2 (A).

500-1.6.3 Installation Procedures (ASTM F1216-98 and ASTM F1743).

- a) The Property Owner of the lateral being reconstructed shall be informed, and the flow stopped, for the period of reconstruction work.
- b) The Contractor shall excavate an access point at the appropriate upstream point on the service lateral in accordance with the reconstruction length determined by the Engineer.
- c) The Contractor, when required, shall provide for the flow of sewage around the section of lateral pipe where the designated access point is located. The bypass shall be made by plugging the line at the access point and pumping the flow into one of its respective manholes or adjacent system. The pump and bypass lines shall be of adequate capacity and size to handle the flow without service interruption. The bypass systems shall be approved in advance by the City.
- d) The Contractor shall always clean and color video the lateral line immediately prior to reconstruction and determine the structural condition of the pipeline. Roots, debris, and protruding service connections shall be removed prior to reconstruction.
- e) The tube shall be inspected for torn or frayed sections. The tube in good condition shall then be vacuum impregnated with the thermoset resin.
- f) No open pans or uncontrolled open-air pouring of resin shall be allowed during tube saturation. Resin shall be contained within the inflation bladder during vacuum impregnation and insertion. The Contractor shall ensure that no public property is exposed to contamination by liquid resin compounds or components.

- g) The saturated tube along with the inflation bladder shall be inserted into the installation equipment and the end closed. The entire installation equipment shall be placed in the pipe access pit and aligned with the exposed end of the pipe.
- h) The resin and tube shall be completely protected during the placement. The resin shall not be contaminated or diluted by exposure to dirt, debris, or water during the placement.
- i) The tube shall be installed from the installation equipment by controlled air, water or steam pressure as in accordance with manufacturer instructions. The installation shall be stopped when the tube extends the entire length of the lateral section to be lined. The tube is held tightly in place against the wall of the host pipe by the pressure until the cure is complete.
- j) When the curing process is complete, the pressure is released and the inflation bladder reverted back into the installation equipment and removed from the access point.
- k) No barriers, coatings, or any material other than the cured tube or resin composite specifically designed for desirable physical and chemical resistance properties shall be left in the host pipe. Any materials used in the installation other than the cured tube or resin composite shall be removed.
- l) Any cured tube or resin composite pipe left protruding from the service connection shall be trimmed back using a hydraulic-powered robotic cutting device specifically designed for cutting cured-in-place pipe made from these materials.
- m) A second color video inspection shall be performed to verify the proper cure of the material, the proper trim of service connection, and the integrity of the seamless pipe.
- n) The bypass pumping system shall be removed and the sewer flows restored to normal flow conditions. The service lateral pipes shall be coupled together. The excavation shall be properly backfilled. The property owner of the service connection shall be informed when the Work is complete.

500-1.6.4 **Deviations.** If pre-installation inspection reveals conditions in the service lateral to be substantially different than those used in the design of wall thickness, tube construction, tube length, or resin system; then the Contractor shall correct the situation as approved by the Engineer.

500-1.6.5 **Acceptance.** Upon completion, the Contractor shall deliver the video records and written reports to the Engineer. The Engineer shall review the documentation and the Site to determine if the Work is complete and the work may be accepted.

500-1.6.6 **Payment.**

- a) Payment for the Work covered under 500-1.6, “Service Laterals Rehabilitation” shall be made per each lateral. Payment for 4-inch sewer lateral lining above 7-foot of depth must be verified with the Engineer on site.

- b) The payment for the installation of a sewer lateral cleanout at the access point, televising of the service laterals, and bypassing if required shall be included in the payment for lateral rehabilitation.
- c) Payment for in-situ point repairs shall be included in the bid price for in-situ point repairs and paid for in accordance with 500-1.1.9, “Measurement and Payment” and 500-1.2.7, “Payment.”

500-1.7.10 Payment. To the City Supplement, DELETE in its entirety.

500-1.10.7 Payment. To the City Supplement, DELETE in its entirety.

500-1.13.10 Payment. To the City Supplement, DELETE in its entirety.

500-4 SERVICE LATERAL CONNECTION SEALING. DELETE in its entirety and SUBSTITUTE with the following:

500-4 SERVICE LATERAL CONNECTION (SLC) SEALING.

500-4.1 General.

1. SLC is the interface of the house sewer lateral with the main sewer. SLC to rehabilitated sanitary sewer lines shall be sealed, normally without excavation, by the installation of a resin-impregnated, flexible, felt tube or fiberglass tube installed into the existing service lateral. The tube shall form a “tee” section with a full lap inside the main pipe and shall extend continuously from the sewer main into the lateral for a minimum of 4”. SLC may be a combination of “tees” or “wyes” of varying angle. The resin shall be cured to form the tube into a hard impermeable pipe-within-a-pipe. When cured, the SLC shall seal the connection of the lateral to the mainline in a continuous tight-fitting, watertight pipe-within-a-pipe to eliminate any visible leakage between the lateral and mainline and shall provide a leak-proof seal designed for a minimum 50-year life to prevent root intrusion, infiltration, and exfiltration between a liner and a host pipe.
2. Prior to cleaning and pre-rehab video inspection, the Contractor shall submit a detailed operational plan for the proposed cleaning of all roots inside the pipe and around the service connection for the Engineer’s approval. After cleaning, the Contractor shall proceed with lining of the pipe and reinstating all live service connections. The service connection openings shall conform to the shape and the size of the inside diameter of the existing service connection. Contractor shall use a wire brush or other methods and equipment as recommended by other lining system providers, or other approved means and methods to provide a smooth opening for connecting the lateral to the newly lined pipeline.
3. The Contractor shall trim all protruding laterals which interfere with the lining installation, as flush with the pipe interior as practicable.

500-4.2 Reference Specification.

This specification references ASTM test methods which are made a part hereof by such reference and shall be the latest edition and revision thereof and shall meet the chemical resistance requirements of section 210-2.3.3, “Chemical Resistance Test (Pickle Jar Test).”

500-4.3 General Corrosion Requirements.

- a) The finished SLC product shall be fabricated from materials which when cured shall be chemically resistant to withstand internal exposure to domestic sewage and shall meet the chemical resistance requirements of 210-2.3.3, “Chemical Resistance Test (Pickle Jar Test)” and Table 210-2.4.1 (A).
- b) The SLC product shall be compatible with the lining system materials utilized in the main sewer line.

500-4.4 SLC Materials.

- a) A flexible, felt tube shall be fabricated to neatly fit the internal circumference of the conduit specified by the City. Allowance shall be made for circumferential stretching during insertion.
- b) The SLC connection shall extend minimum 4” from the mainline into the lateral.
- c) The Contractor shall furnish a specially designed, unsaturated polyester or vinyl ester resin, and catalyst system compatible with the SLC process that provides cured physical strengths specified herein.

500-4.5 Physical Properties.

- a) The cured SLC shall conform to the minimum structural standards as listed in Table 500-1.4.2 (A).
- b) No cured-in-place pipe rehabilitation technology shall be allowed that requires bonding to the existing pipe for any part of its structural strength.
- c) Design methods are to be derived for various loading parameters and modes of failure. Equations shall be modified to include deformation in the shape of an oval as a design parameter. The design method shall be submitted to the Engineer for approval prior to the Pre-construction Meeting.

500-4.6 Installation Preparation.

- a) The Contractor shall remove internal debris out of the sewer line.
- b) Inspection of pipelines shall be performed by experienced personnel trained in locating breaks and obstacles by closed circuit television. The interior of the pipeline shall be carefully inspected to determine the location of any conditions which may prevent proper installation of the SLC into the pipelines, and it shall be noted so that these conditions can be corrected. A color video and suitable log shall be kept for later reference by the City.

- c) The Contractor, when required, shall provide for the flow of sewage around the section or sections of mainline pipe where the service lateral designated for SLC is located. The bypass shall be made by plugging the line at an existing upstream manhole and pumping the flow into a downstream manhole or adjacent system. The pump and bypass lines shall be of adequate capacity and size to handle the flow without service interruption. The bypass systems shall be approved in advance by the City.
- d) The service lateral shall be inactive during the time of installation.
- e) The Contractor shall clear the line of obstructions that prevent the insertion of the SLC material. If inspection reveals an obstruction that cannot be removed by conventional sewer cleaning equipment, the Contractor shall make an external point repair excavation to uncover and remove the obstruction. The Contractor shall inform the Engineer prior to the commencement of the Work.
- f) The mainline pipe opening shall be prepared to accept the SLC and the mainline rehabilitated pipe shall be maximized to obtain the best possible connection.
- g) The transition from the mainline pipe to the service lateral shall be smooth and continuous to provide adequate support for the SLC during installation and cure.

500-4.7 SLC Installation.

- a) The resin impregnated tube shall be loaded inside a pressure apparatus. The pressure apparatus, attached to a robotic device, shall be positioned in the mainline pipe at the service connection. The robotic device, together with a television camera, shall be used to align the SLC repair with the service connection opening. Air pressure, supplied to the pressure apparatus through an air hose, shall be used to invert the resin impregnated SLC into the lateral pipe. The inversion pressure shall be adjusted to fully invert the SLC into the lateral pipe and hold the tube tight to the pipe wall. Care shall be taken during the curing process not to over-stress the tube.
- b) The pressure apparatus shall include a bladder which shall inflate in the mainline pipe, effectively seating the SLC repair against the service connection.
- c) After inversion or pull in is completed, recommended pressure is maintained on the impregnated tube for the duration of the curing process. Curing method shall be compatible with the resin selected. An ultraviolet (UV) light cured, heat cured or ambient cured resin system is typically used.
- d) The initial cure shall be deemed to be completed when the SLC has been exposed to the UV light, heat source or held in place for the time period specified by the manufacturer.
- e) The Contractor shall cool the hardened SLC before relieving the pressure in the pressure apparatus. Cool-down may be accomplished by the introduction of cool air into the pressure apparatus. Care shall be taken to maintain proper pressure throughout the cure and cool-down period.

- f) The finished SLC shall be free of dry spots, lifts and delamination. The lateral SLC shall not inhibit the closed circuit television post video inspection of the mainline or service lateral pipes. Frayed ends of the SLC repair shall be removed prior to acceptance.
- g) During the warranty period, any defects which shall affect the integrity of strength of the SLC shall be repaired at the Contractor's expense in a manner mutually agreed upon by the manufacturer, City, and the Contractor.
- h) After the Work is completed, the Contractor shall provide the City with a video disc showing the completed work including the restored conditions.

500-4.8 Clean-Up. Upon acceptance of the installation work, the Contractor shall reinstate the Site affected by its operations.

500-4.9 Payment: Payment for SLC sealing systems shall be made at the Contract Unit Price or lump sum price in the Bid for each SLC. The Contract Unit Price or lump sum price in the Bid shall include the installation of the SLC sealing system, surface preparation and repairs, preparation and tape submittal of all pre- and post-construction CCTV inspection, bypassing if required, and testing, unless otherwise specified in the Special Provisions.

SECTION 707 – RESOURCE DISCOVERIES

ADD:

707-1.1

Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a Notice of Exemption for **Sewer Pipeline Rehabilitation Project "Phase G-2"** as referenced in the Contract Appendix. You must comply with all requirements of the Notice of Exemption as set forth in the Contract Appendix A.

Compliance with the City's environmental document is included in the various Bid items, unless a bid item has been provided.

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

TO: X RECORDER/COUNTY CLERK
P.O. BOX 1750, MS A-33
1600 PACIFIC HWY, ROOM 260
SAN DIEGO, CA 92101-2422

FROM: CITY OF SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT
1222 FIRST AVENUE, MS 501
SAN DIEGO, CA 92101

 OFFICE OF PLANNING AND RESEARCH
1400 TENTH STREET, ROOM 121
SACRAMENTO, CA 95814

PROJECT NO.: N/A

PROJECT TITLE: SEWER PIPELINE REHABILITATION PROJECT "PHASE G-2"

PROJECT LOCATION-SPECIFIC: This project is located within the public right-of-way throughout the City of San Diego (i.e. all council districts) within the following community planning areas: La Jolla, University City, Pacific Beach, Peninsula, Rancho Bernardo, Carmel Mountain Ranch, Serra Mesa, Navajo, College Area, Mid City: City Heights, Mid City: Eastern Area, Southeastern San Diego, Mid City: Normal Heights, Uptown, Greater North Park, Balboa Park, Barrio Logan, Skyline – Paradise Hills and Otay Mesa – Nestor. Please see the attached table for specific street address locations.

PROJECT LOCATION-CITY/COUNTY: San Diego/San Diego

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: This project consists of rehabilitating approximately 1,526 existing service laterals. The existing laterals that will be rehabbed are four inch (4") in size. This is part of the City of San Diego's ongoing program to rehabilitate or replace all of the aging and deteriorating sewer laterals to extend service life. The work will be located within developed streets, alleys and easements within numerous community planning areas. The new liner pipe is inserted into the existing lateral at the cleanout and pushed towards the sewer main, where it is cut and trimmed. A new clean-out will be installed if there is none for a particular lateral. Some defective laterals are to be replaced, and are proposed to be trenched no wider than 3 feet and no deeper than the existing pipes (maximum depth of 5 feet). All excavation is proposed solely within the existing lateral trenches and previously disturbed soils. No disturbance of native soils is proposed. All work would occur within urban areas that have been previously developed. Construction is scheduled to begin in late 2011 and finish in mid 2013.

Construction Methods:

- Rehabilitation: The main construction method for this project is trenchless. Approximately 1,526 sewer laterals (8.67 miles maximum) as shown on the attached table will be rehabilitated. With this method, sewer laterals are lined trenchlessly by accessing the pipe via existing clean-outs.
- Open Trenching: The trench width for lateral replacement is 3 at a maximum depth of 5 feet. New clean-out installation requires a trench of no wider than 25 square-feet (5'0"L x 5'0"W) at a maximum depth of 5 feet.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: Lotous Lenguyen, City of San Diego, Engineering and Capital Projects, Right-of-Way Design Division, 600 B Street, Suite 800, San Diego, CA 92101

EXEMPT STATUS: (CHECK ONE)

- MINISTERIAL (SEC. 21080(b)(1); 15268);
- DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
- EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c));
- CATEGORICAL EXEMPTION: 15301 (Existing Facilities) and 15302 (Replacement or Reconstruction)
- STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: This project is exempt because the project is proposing maintenance to existing facilities consisting of lateral sewer pipes. It is also exempt because the project consists of replacement or reconstruction of existing public utility systems at the same location as the existing system and will have the same purpose and capacity as the system replaced.

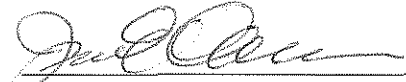
LEAD AGENCY CONTACT PERSON: Jean Cameron

TELEPHONE: (619) 446-5379

IF FILED BY APPLICANT:

1. ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING.
2. HAS A NOTICE OF EXEMPTION BEEN FILED BY THE PUBLIC AGENCY APPROVING THE PROJECT?
 YES NO

IT IS HEREBY CERTIFIED THAT THE CITY OF SAN DIEGO HAS DETERMINED THE ABOVE ACTIVITY TO BE EXEMPT FROM CEQA


JEAN CAMERON/SENIOR PLANNER

1/5/11
DATE

CHECK ONE:

SIGNED BY LEAD AGENCY

DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:

APPENDIX B
FIRE HYDRANT METER PROGRAM

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 1 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

1. **PURPOSE**

1.1 To establish a Departmental policy and procedure for issuance, proper usage and charges for fire hydrant meters.

2. **AUTHORITY**

2.1 All authorities and references shall be current versions and revisions.

2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15

2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

2.6 State of California Water Code, Section 110, 500-6, and 520-23

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention

2.10 American Water Works Association Standards for Water Meters

2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

3.1 **Fire Hydrant Meter:** A portable water meter which is connected to a fire hydrant for the purpose of temporary use. (These meters are sometimes referred to as Construction Meters.)

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- 3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.
- 3.3 **Backflow Preventor:** A Reduced Pressure Principal Assembly connected to the outlet side of a Fire Hydrant Meter.

4. **POLICY**

- 4.1 The Water Department shall collect a deposit from every customer requiring a fire hydrant meter and appurtenances prior to providing the meter and appurtenances (see Section 7.1 regarding the Fees and Deposit Schedule). The deposit is refundable upon the termination of use and return of equipment and appurtenances in good working condition.
- 4.2 Fire hydrant meters will have a 2 ½" swivel connection between the meter and fire hydrant. The meter shall not be connected to the 4" port on the hydrant. All Fire Hydrant Meters issued shall have a Reduced Pressure Principle Assembly (RP) as part of the installation. Spanner wrenches are the only tool allowed to turn on water at the fire hydrant.
- 4.3 The use of private hydrant meters on City hydrants is prohibited, with exceptions as noted below. All private fire hydrant meters are to be phased out of the City of San Diego. All customers who wish to continue to use their own fire hydrant meters must adhere to the following conditions:
 - a. Meters shall meet all City specifications and American Water Works Association (AWWA) standards.
 - b. Customers currently using private fire hydrant meters in the City of San Diego water system will be allowed to continue using the meter under the following conditions:
 - 1. The customer must submit a current certificate of accuracy and calibration results for private meters and private backflows annually to the City of San Diego, Water Department, Meter Shop.

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2. The meter must be properly identifiable with a clearly labeled serial number on the body of the fire hydrant meter. The serial number shall be plainly stamped on the register lid and the main casing. Serial numbers shall be visible from the top of the meter casing and the numbers shall be stamped on the top of the inlet casing flange.
3. All meters shall be locked to the fire hydrant by the Water Department, Meter Section (see Section 4.7).
4. All meters shall be read by the Water Department, Meter Section (see Section 4.7).
5. All meters shall be relocated by the Water Department, Meter Section (see Section 4.7).
6. These meters shall be tested on the anniversary of the original test date and proof of testing will be submitted to the Water Department, Meter Shop, on a yearly basis. If not tested, the meter will not be allowed for use in the City of San Diego.
7. All private fire hydrant meters shall have backflow devices attached when installed.
8. The customer must maintain and repair their own private meters and private backflows.
9. The customer must provide current test and calibration results to the Water Department, Meter Shop after any repairs.
10. When private meters are damaged beyond repair, these private meters will be replaced by City owned fire hydrant meters.

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 4 OF 10	EFFECTIVE DATE October 15, 2002
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11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
 12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
 13. The outlet shall have a 2 ½ “National Standards Tested (NST) fire hydrant male coupling.
 14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).
- 4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.
- 4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.
- 4.6 **Conditions and Processes for Issuance of a Fire Hydrant Meter**
- Process for Issuance
- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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2. Construction and maintenance related activities (see Tab 2).
 - b. No customer inside or outside the boundaries of the City of San Diego Water Department shall resell any portion of the water delivered through a fire hydrant by the City of San Diego Water Department.
 - c. The City of San Diego allows for the issuance of a temporary fire hydrant meter for a period not to exceed 12 months (365 days). An extension can only be granted in writing from the Water Department Director for up to 90 additional days. A written request for an extension by the consumer must be submitted at least 30 days prior to the 12 month period ending. No extension shall be granted to any customer with a delinquent account with the Water Department. No further extensions shall be granted.
 - d. Any customer requesting the issuance of a fire hydrant meter shall file an application with the Meter Section. The customer must complete a "Fire Hydrant Meter Application" (Tab 1) which includes the name of the company, the party responsible for payment, Social Security number and/or California ID, requested location of the meter (a detailed map signifying an exact location), local contact person, local phone number, a contractor's license (or a business license), description of specific water use, duration of use at the site and full name and address of the person responsible for payment.
 - e. At the time of the application the customer will pay their fees according to the schedule set forth in the Rate Book of Fees and Charges, located in the City Clerk's Office. All fees must be paid by check, money order or cashiers check, made payable to the City Treasurer. Cash will not be accepted.
 - f. No fire hydrant meters shall be furnished or relocated for any customer with a delinquent account with the Water Department.
 - g. After the fees have been paid and an account has been created, the

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meter shall be installed within 48 hours (by the second business day). For an additional fee, at overtime rates, meters can be installed within 24 hours (within one business day).

4.7 Relocation of Existing Fire Hydrant Meters

- a. The customer shall call the Fire Hydrant Meter Hotline (herein referred to as “Hotline”), a minimum of 24 hours in advance, to request the relocation of a meter. A fee will be charged to the existing account, which must be current before a work order is generated for the meter’s relocation.
- b. The customer will supply in writing the address where the meter is to be relocated (map page, cross street, etc). The customer must update the original Fire Hydrant Meter Application with any changes as it applies to the new location.
- c. Fire hydrant meters shall be read on a monthly basis. While fire hydrant meters and backflow devices are in service, commodity, base fee and damage charges, if applicable, will be billed to the customer on a monthly basis. If the account becomes delinquent, the meter will be removed.

4.8 Disconnection of Fire Hydrant Meter

- a. After ten (10) months a “Notice of Discontinuation of Service” (Tab 3) will be issued to the site and the address of record to notify the customer of the date of discontinuance of service. An extension can only be granted in writing from the Water Department Director for up to 90 additional days (as stated in Section 4.6C) and a copy of the extension shall be forwarded to the Meter Shop Supervisor. If an extension has not been approved, the meter will be removed after twelve (12) months of use.
- b. Upon completion of the project the customer will notify the Meter Services office via the Hotline to request the removal of the fire hydrant meter and appurtenances. A work order will be generated

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 7 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

for removal of the meter.

- c. Meter Section staff will remove the meter and backflow prevention assembly and return it to the Meter Shop. Once returned to the Meter Shop the meter and backflow will be tested for accuracy and functionality.
- d. Meter Section Staff will contact and notify Customer Services of the final read and any charges resulting from damages to the meter and backflow or its appurtenance. These charges will be added on the customer's final bill and will be sent to the address of record. Any customer who has an outstanding balance will not receive additional meters.
- e. Outstanding balances due may be deducted from deposits and any balances refunded to the customer. Any outstanding balances will be turned over to the City Treasurer for collection. Outstanding balances may also be transferred to any other existing accounts.

5. **EXCEPTIONS**

- 5.1 Any request for exceptions to this policy shall be presented, in writing, to the Customer Support Deputy Director, or his/her designee for consideration.

6. **MOBILE METER**

- 6.1 Mobile meters will be allowed on a case by case basis. All mobile meters will be protected by an approved backflow assembly and the minimum requirement will be a Reduced Pressure Principal Assembly. The two types of Mobile Meters are vehicle mounted and floating meters. Each style of meters has separate guidelines that shall be followed for the customer to retain service and are described below:
 - a) **Vehicle Mounted Meters:** Customer applies for and receives a City owned Fire Hydrant Meter from the Meter Shop. The customer mounts the meter on the vehicle and brings it to the Meter Shop for

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inspection. After installation is approved by the Meter Shop the vehicle and meter shall be brought to the Meter Shop on a monthly basis for meter reading and on a quarterly basis for testing of the backflow assembly. Meters mounted at the owner's expense shall have the one year contract expiration waived and shall have meter or backflow changed if either fails.

b) **Floating Meters:** Floating Meters are meters that are not mounted to a vehicle. **(Note: All floating meters shall have an approved backflow assembly attached.)** The customer shall submit an application and a letter explaining the need for a floating meter to the Meter Shop. The Fire Hydrant Meter Administrator, after a thorough review of the needs of the customer, (i.e. number of jobsites per day, City contract work, lack of mounting area on work vehicle, etc.), may issue a floating meter. At the time of issue, it will be necessary for the customer to complete and sign the "Floating Fire Hydrant Meter Agreement" which states the following:

- 1) The meter will be brought to the Meter Shop at 2797 Caminito Chollas, San Diego on the third week of each month for the monthly read by Meter Shop personnel.
- 2) Every other month the meter will be read and the backflow will be tested. This date will be determined by the start date of the agreement.

If any of the conditions stated above are not met the Meter Shop has the right to cancel the contract for floating meter use and close the account associated with the meter. The Meter Shop will also exercise the right to refuse the issuance of another floating meter to the company in question.

Any Fire Hydrant Meter using reclaimed water shall not be allowed use again with any potable water supply. The customer shall incur the cost of replacing the meter and backflow device in this instance.

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7. **FEE AND DEPOSIT SCHEDULES**

7.1 **Fees and Deposit Schedules:** The fees and deposits, as listed in the Rate Book of Fees and Charges, on file with the Office of the City Clerk, are based on actual reimbursement of costs of services performed, equipment and materials. These deposits and fees will be amended, as needed, based on actual costs. Deposits, will be refunded at the end of the use of the fire hydrant meter, upon return of equipment in good working condition and all outstanding balances on account are paid. Deposits can also be used to cover outstanding balances.

All fees for equipment, installation, testing, relocation and other costs related to this program are subject to change without prior notification. The Mayor and Council will be notified of any future changes.

8. **UNAUTHORIZED USE OF WATER FROM A HYDRANT**

8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.

8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.

8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.

8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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- 8.5 If damage occurs to Water Department property (i.e. fire hydrant meter, backflow, various appurtenances), the cost of repairs or replacements will be charged to the customer of record (applicant).

**Larry Gardner
Water Department Director**

- Tabs: 1. Fire Hydrant Meter Application
2. Construction & Maintenance Related Activities With No Return To Sewer
3. Notice of Discontinuation of Service

APPENDIX

Administering Division: Customer Support Division

Subject Index: Construction Meters
Fire Hydrant
Fire Hydrant Meter Program
Meters, Floating or Vehicle Mounted
Mobile Meter
Program, Fire Hydrant Meter

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

Application Date	Requested Install Date:
------------------	-------------------------

Fire Hydrant Location: (Attach Detailed Map//Thomas Bros. Map Location or Construction drawing.) <u>Zip:</u>	<u>T.B.</u>	<u>G.B. (CITY USE)</u>
Specific Use of Water:		
Any Return to Sewer or Storm Drain, If so, explain:		
Estimated Duration of Meter Use: <input type="text"/>	<input type="checkbox"/>	Check Box if Reclaimed Water

Company Information

Company Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ()
*Business license#		*Contractor license#	
A Copy of the Contractor's license OR Business License is required at the time of meter issuance.			
Name and Title of Billing Agent: <small>(PERSON IN ACCOUNTS PAYABLE)</small>			Phone: ()
Site Contact Name and Title:			Phone: ()
Responsible Party Name:			Title:
Cal ID#			Phone: ()
Signature:		Date:	
Guarantees Payment of all Charges Resulting from the use of this Meter. Insures that employees of this Organization understand the proper use of Fire Hydrant Meter			

Fire Hydrant Meter Removal Request	Requested Removal Date:
Provide Current Meter Location if Different from Above:	
Signature:	Title: Date:
Phone: ()	Pager: ()

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter
Contract Acct #:	Deposit Amount: \$ 936.00 Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05 Meter Make and Style: 6-7
Backflow #	Backflow Size: Backflow Make and Style:
Name:	Signature: Date:

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

Auto Detailing
Backfilling
Combination Cleaners (Vactors)
Compaction
Concrete Cutters
Construction Trailers
Cross Connection Testing
Dust Control
Flushing Water Mains
Hydro Blasting
Hydro Seeing
Irrigation (for establishing irrigation only; not continuing irrigation)
Mixing Concrete
Mobile Car Washing
Special Events
Street Sweeping
Water Tanks
Water Trucks
Window Washing

Note:

1. If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charges.

Date

Name of Responsible Party
Company Name and Address
Account Number: _____

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

The authorization for use of Fire Hydrant Meter # _____, located at (*Meter Location Address*) ends in 60 days and will be removed on or after (*Date Authorization Expires*). Extension requests for an additional 90 days must be submitted in writing for consideration 30 days prior to the discontinuation date. If you require an extension, please contact the Water Department, or mail your request for an extension to:

City of San Diego
Water Department
Attention: Meter Services
2797 Caminito Chollas
San Diego, CA 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant Hotline at (619) _____ - _____.

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

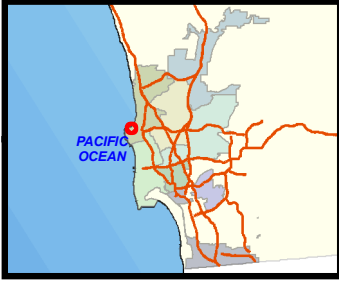
Materials Typically Accepted by Certificate of Compliance

1. Soil amendment
2. Fiber mulch
3. PVC or PE pipe up to 16 inch diameter
4. Stabilizing emulsion
5. Lime
6. Preformed elastomeric joint seal
7. Plain and fabric reinforced elastomeric bearing pads
8. Steel reinforced elastomeric bearing pads
9. Waterstops (Special Condition)
10. Epoxy coated bar reinforcement
11. Plain and reinforcing steel
12. Structural steel
13. Structural timber and lumber
14. Treated timber and lumber
15. Lumber and timber
16. Aluminum pipe and aluminum pipe arch
17. Corrugated steel pipe and corrugated steel pipe arch
18. Structural metal plate pipe arches and pipe arches
19. Perforated steel pipe
20. Aluminum underdrain pipe
21. Aluminum or steel entrance tapers, pipe downdrains, reducers, coupling bands and slip joints
22. Metal target plates
23. Paint (traffic striping)
24. Conductors
25. Painting of electrical equipment
26. Electrical components
27. Engineering fabric
28. Portland Cement
29. PCC admixtures
30. Minor concrete, asphalt
31. Asphalt (oil)
32. Liquid asphalt emulsion
33. Epoxy

APPENDIX D
SAMPLE CITY INVOICE

City of San Diego, Field Engineering Div., 9485 Aero Drive, SD CA 92123						Contractor's Name:					
Project Name:						Contractor's Address:					
Work Order No or Job Order No.											
City Purchase Order No.						Contractor's Phone #:			Invoice No.		
Resident Engineer (RE):						Contractor's Fax #:			Invoice Date:		
RE Phone#:			RE Fax#:			Contact Name:			Billing Period:		
Item #	Item Description	Contract Authorization				Previous Estimate		This Estimate		Totals to Date	
		Unit	Qty	Price	Extension	%/QTY	Amount	% / QTY	Amount	% / QTY	Amount
1	2 Parallel 4" PVC C900	LF	1,380	\$34.00	\$46,920.00						
2	48" Primary Steel Casing	LF	500	\$1,000.00	\$500,000.00						
3	2 Parallel 12" Secondary Steel	LF	1,120	\$53.00	\$59,360.00						
4	Construction and Rehab of PS 49	LS	1	\$150,000.00	\$150,000.00						
5	Demo	LS	1	\$14,000.00	\$14,000.00						
6	Install 6' High Chain Link Fence	LS	1	\$5,600.00	\$5,600.00						
7	General Site Restoration	LS	1	\$3,700.00	\$3,700.00						
8	10" Gravity Sewer	LF	10	\$292.00	\$2,920.00						
9	4" Blow Off Valves	EA	2	\$9,800.00	\$19,600.00						
10	Bonds	LS	1	\$16,000.00	\$16,000.00						
11	Field Orders	AL	1	80,000	\$80,000.00						
11.1	Field Order 1	LS	5,500	\$1.00	\$5,500.00						
11.2	Field Order 2	LS	7,500	\$1.00	\$7,500.00						
11.3	Field Order 3	LS	10,000	\$1.00	\$10,000.00						
11.4	Field Order 4	LS	6,500	\$1.00	\$6,500.00						
12	Certified Payroll	LS	1	\$1,400.00	\$1,400.00						
CHANGE ORDERS											
Change Order 1			4,890								
Items 1-4					\$11,250.00						
Item 5-Deduct Bid Item 3		LF	120	-\$53.00	(\$6,360.00)						
Change Order 2			160,480								
Items 1-3					\$95,000.00						
Item 4 Deduct Bid Item 1		LF	380	-\$340.00	(\$12,920.00)						
Item 5-Encrease bid Item 9		LF	8	\$9,800.00	\$78,400.00						
Change Order 3 (Close Out)			-121,500								
Item 1 Deduct Bid Item 3			53	-500.00	(\$26,500.00)						
Item 2 Deduct Bid Item 4		LS	-1	45,000.00	(\$45,000.00)						
Items 3-9			1	-50,500.00	(\$50,500.00)						
SUMMARY								Total This	\$ -	Total Billed	\$0.00
A. Original Contract Amount						Retention and/or Escrow Payment Schedule					
B. Approved Change Order 1 Thru 3						Total Retention Required as of this billing					
C. Total Authorized Amount (A+B)						Previous Retention Withheld in PO or in Escrow					
D. Total Billed to Date						Add'l Amt to Withhold in PO/Transfer in Escrow:					
E. Less Total Retention (5% of D)						Amt to Release to Contractor from PO/Escrow:					
F. Less Total Previous Payments											
G. Payment Due Less Retention						Contractor Signature and Date:					
H. Remaining Authorized Amount											

APPENDIX E
LOCATION MAPS



Pipeline Rehab - Phase G-2 (Laterals)

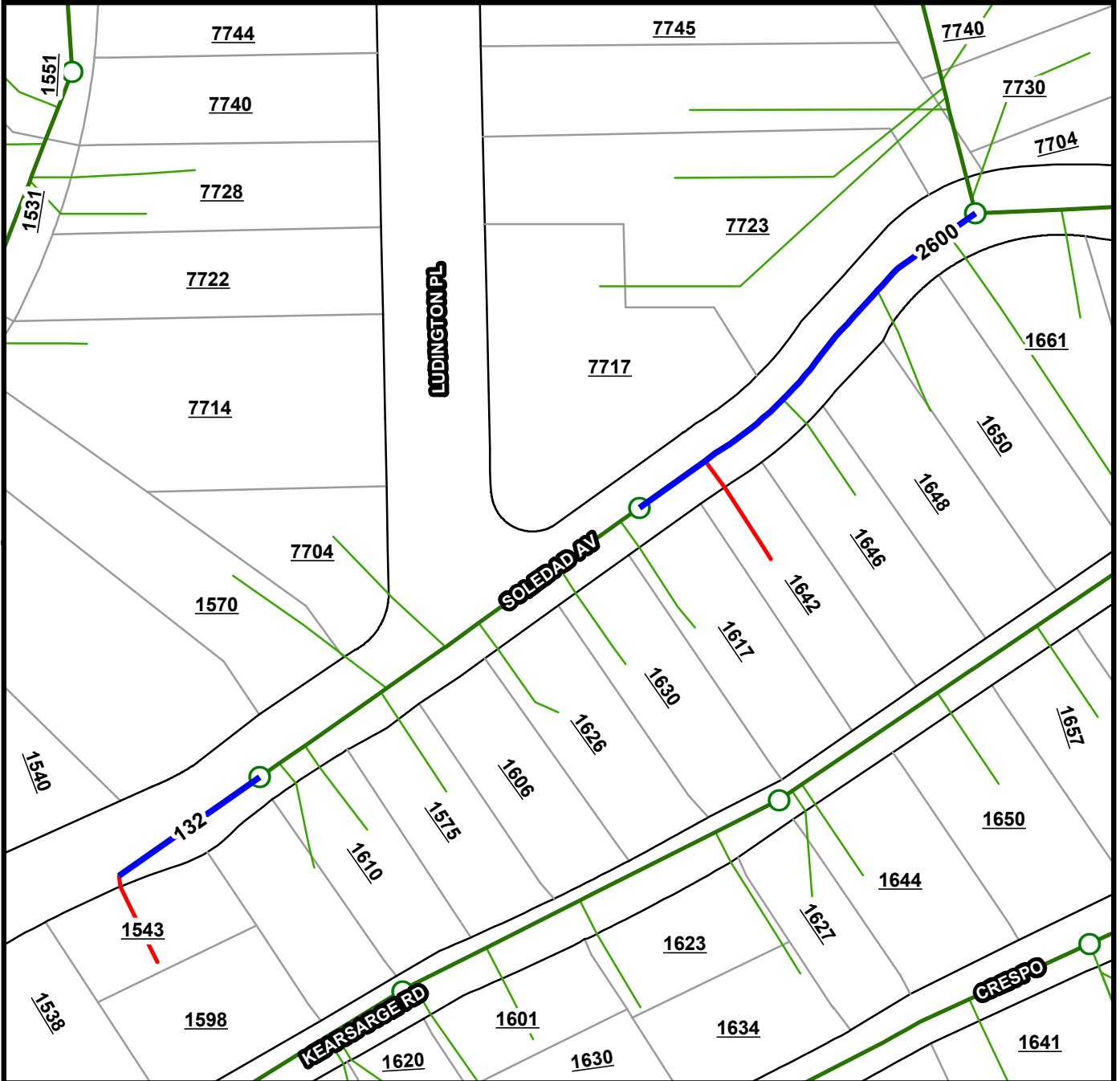
SENIOR ENGINEER
Luis Schaar
619-533-7492

PROJECT MANAGER
Laila Nasrawi
619-533-4619



PROJECT ENGINEER
Lotous Lenguyen
619-533-4626

CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207



Legend

- G2 Mains
- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

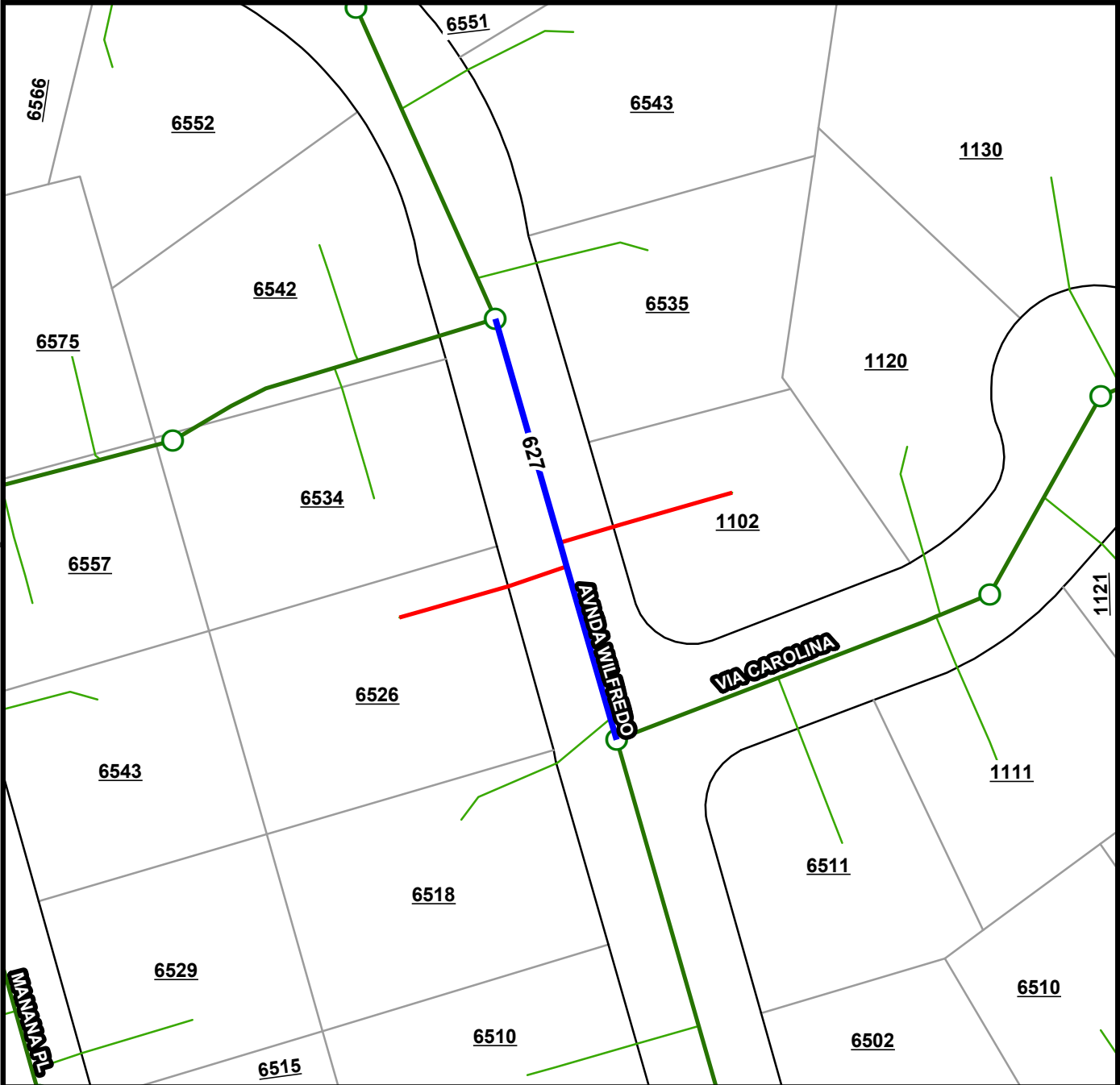
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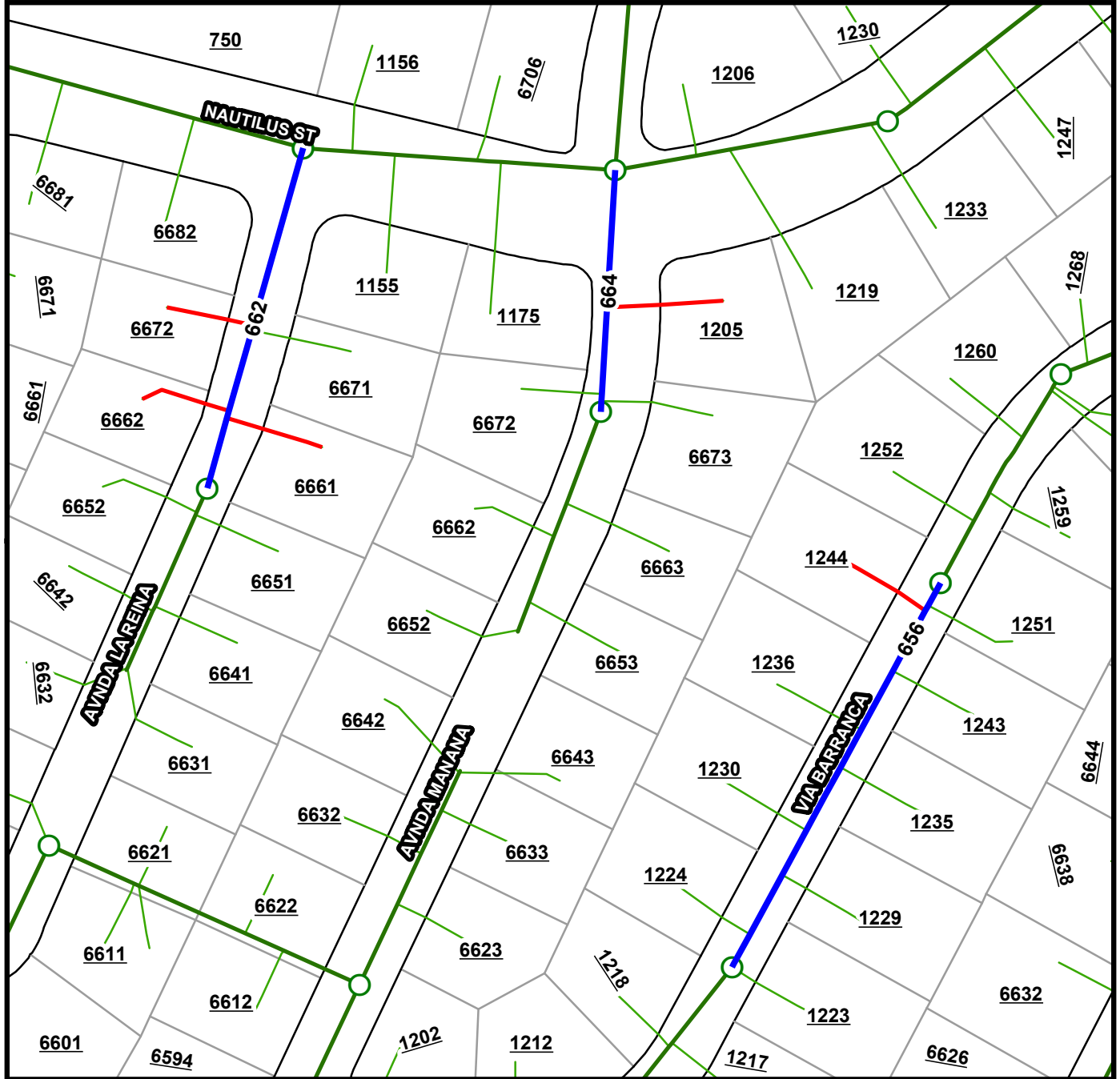
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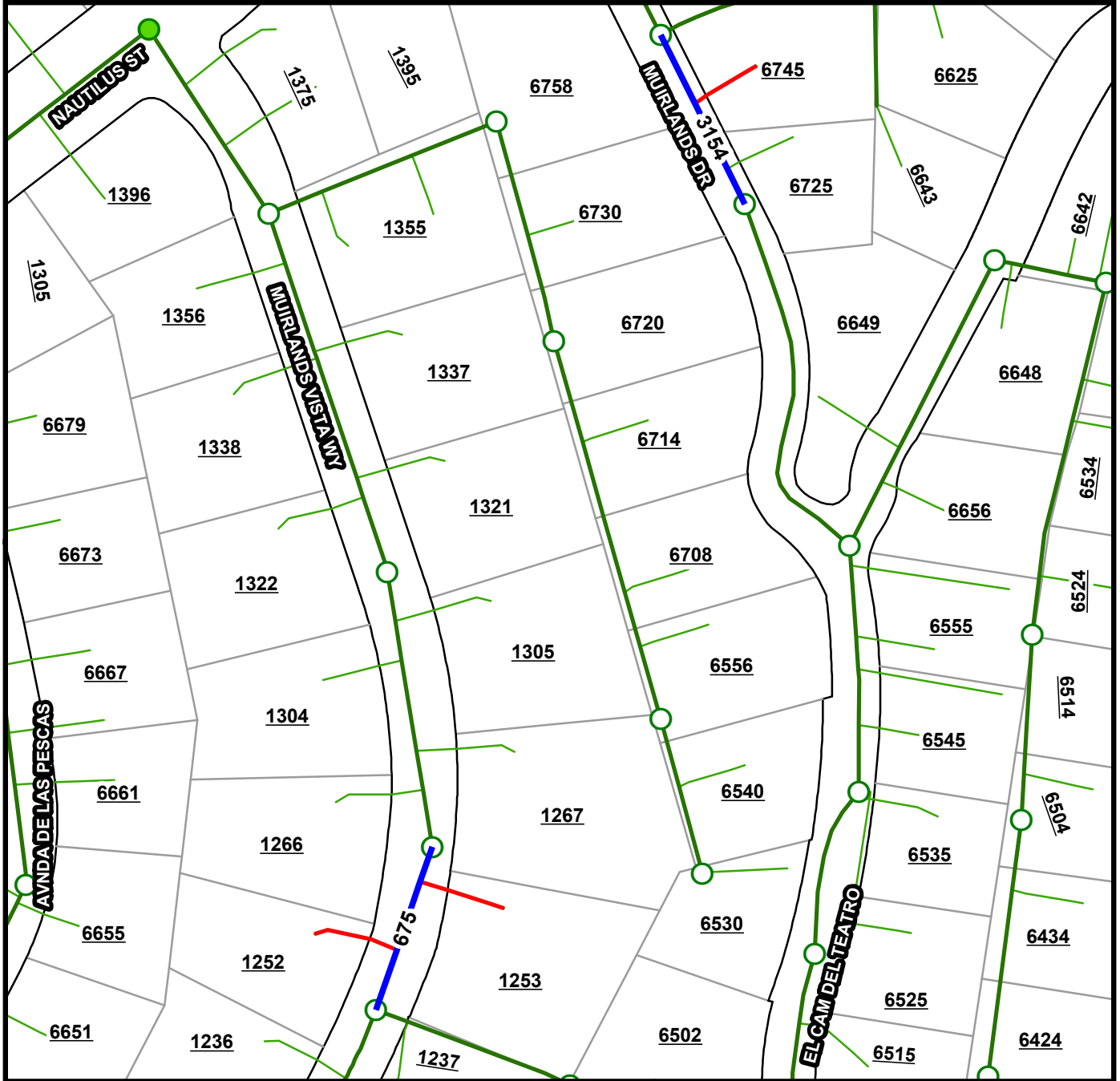
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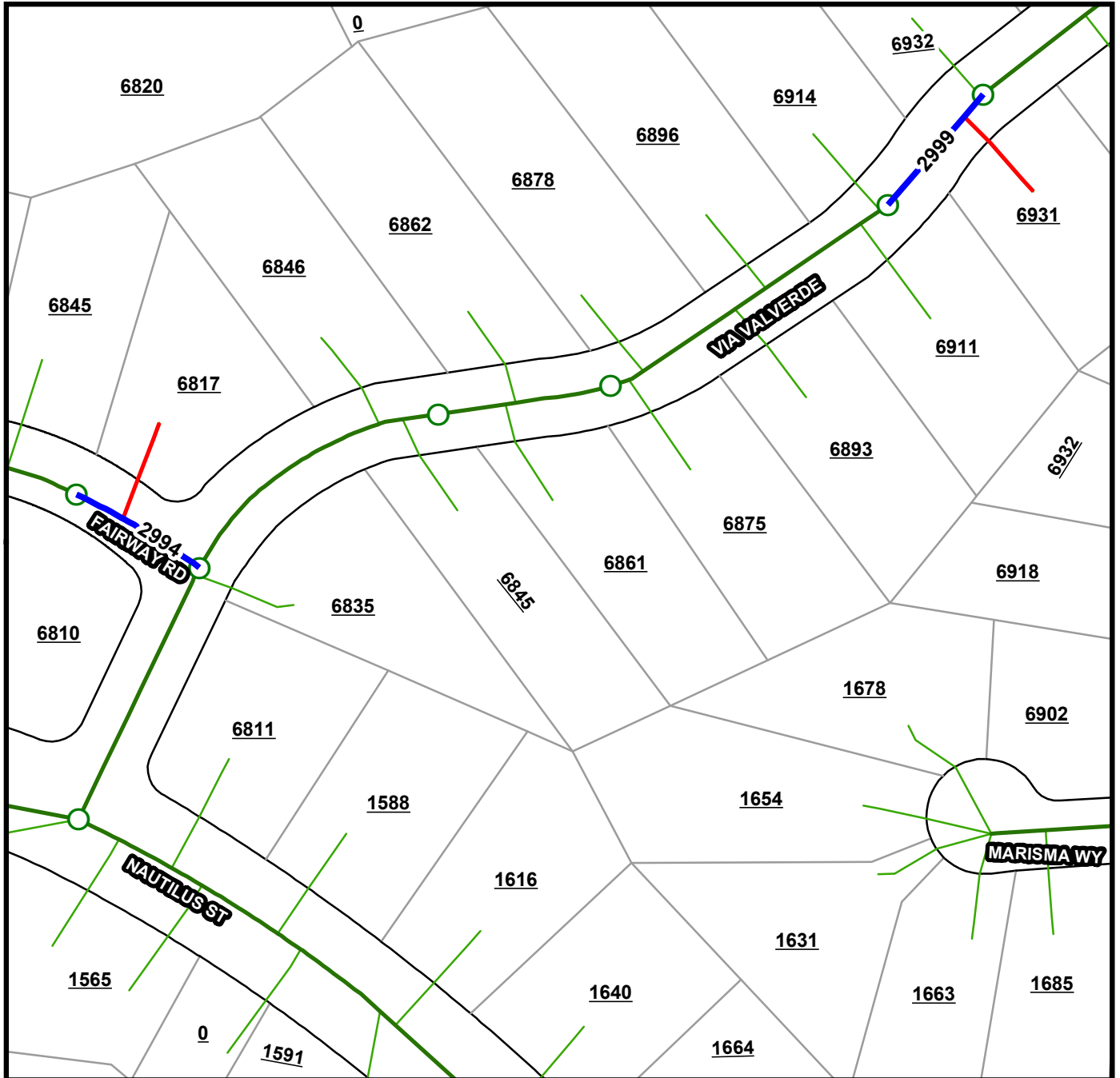
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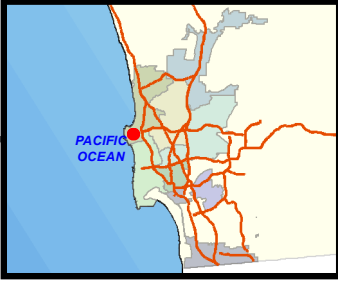
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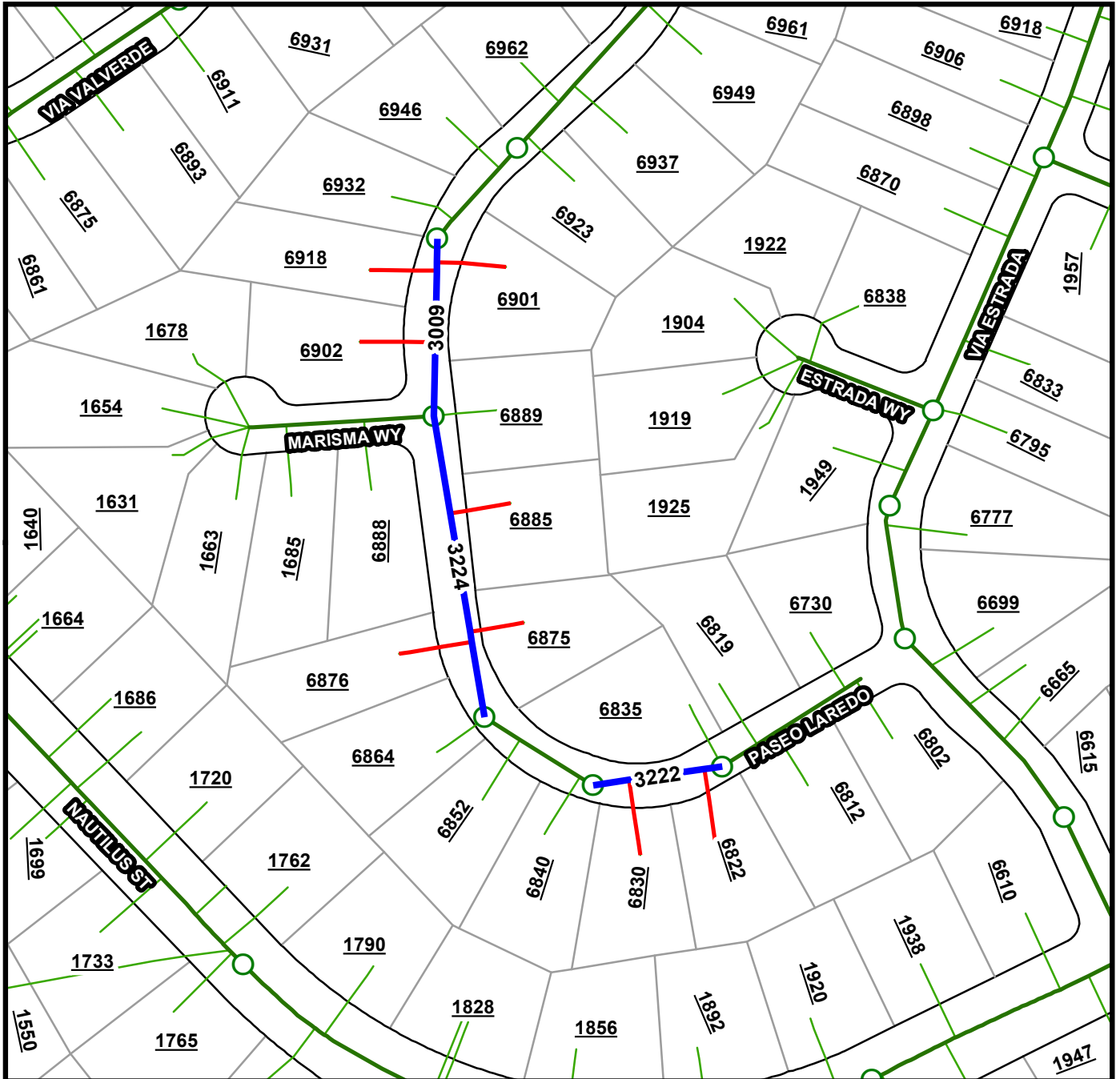
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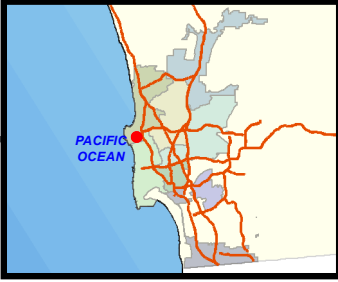
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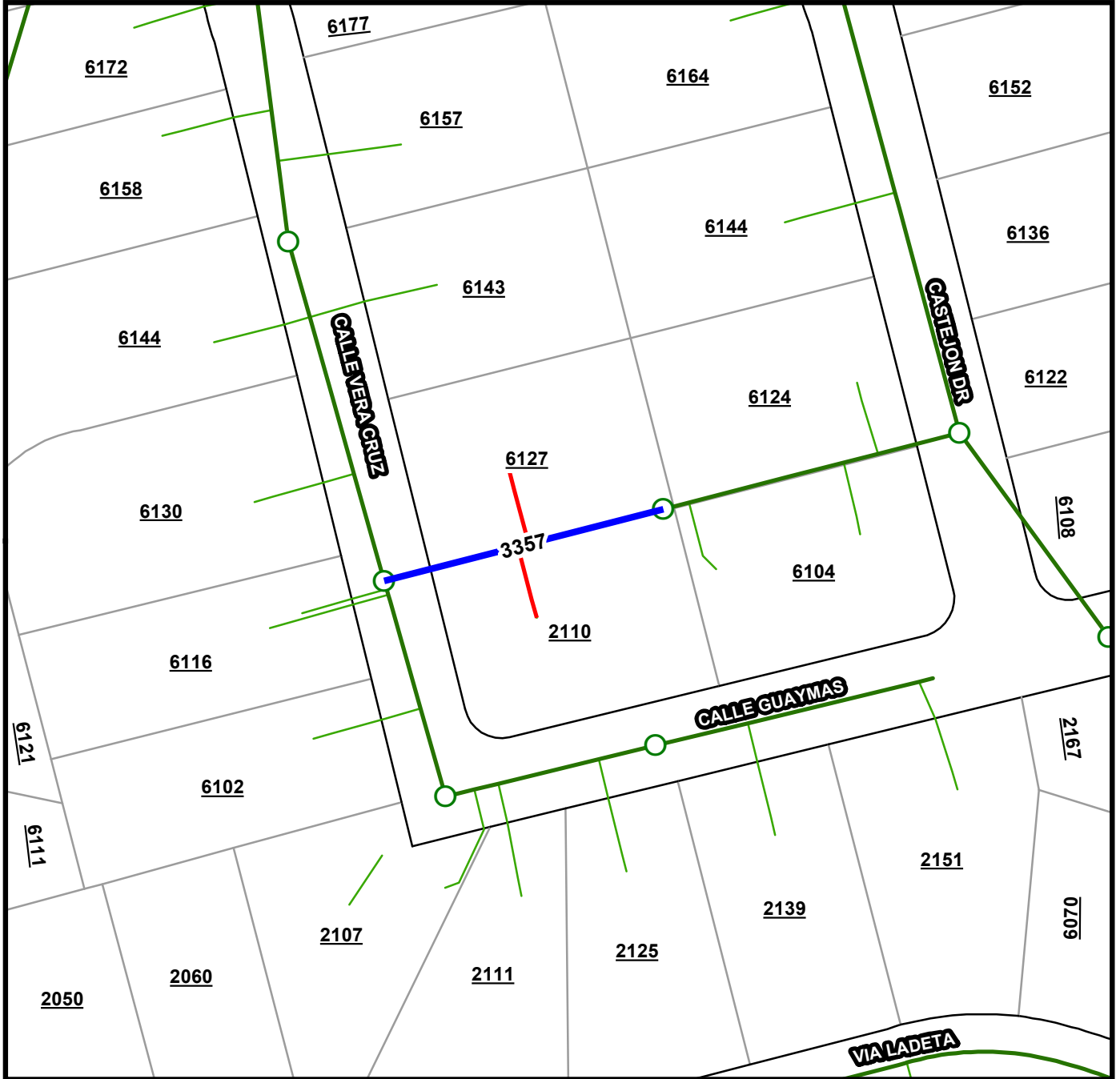
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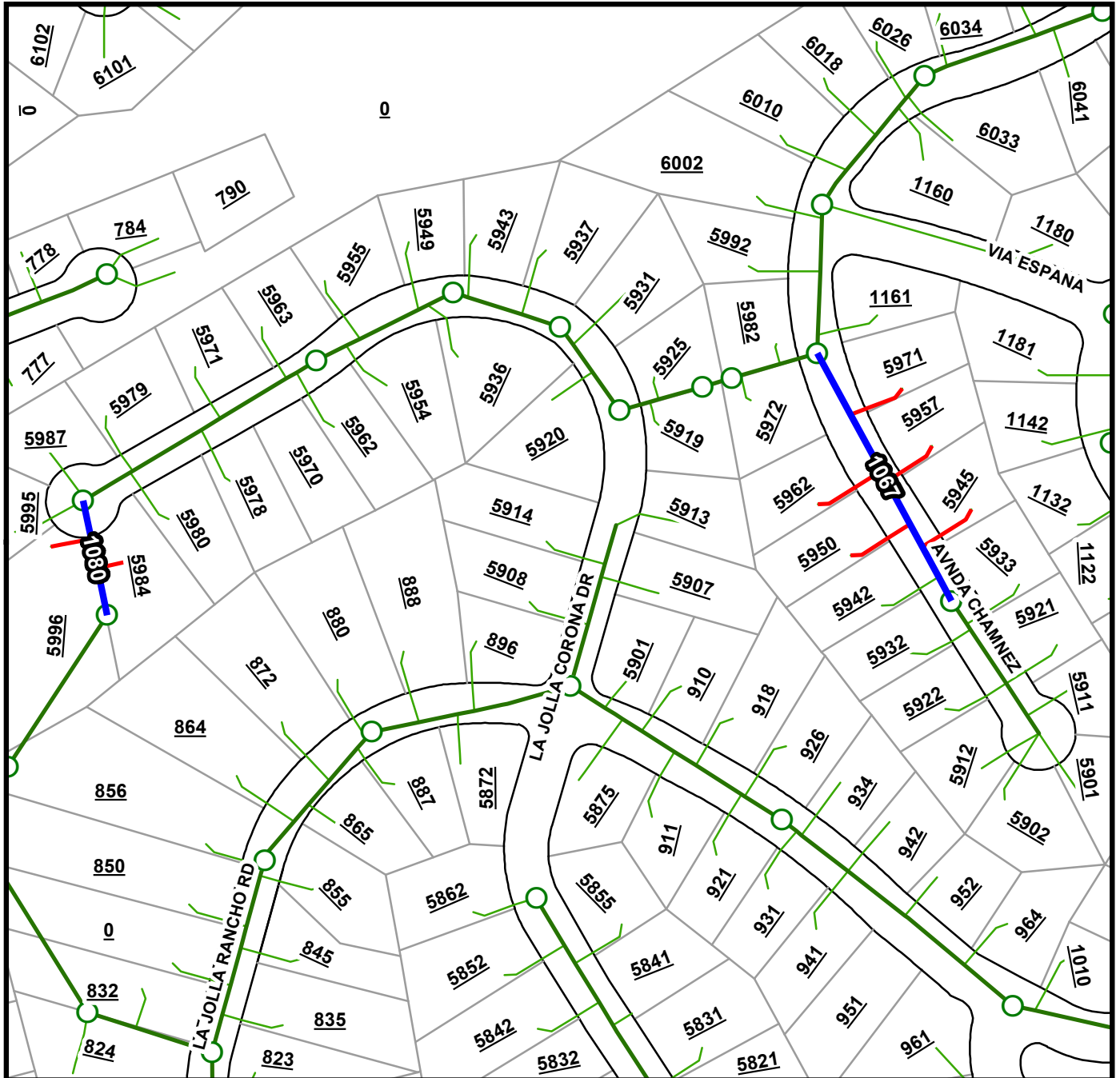
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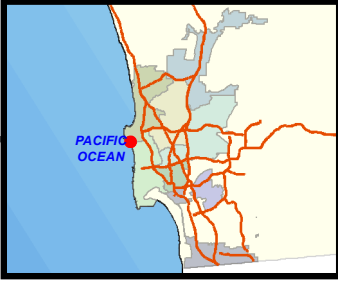
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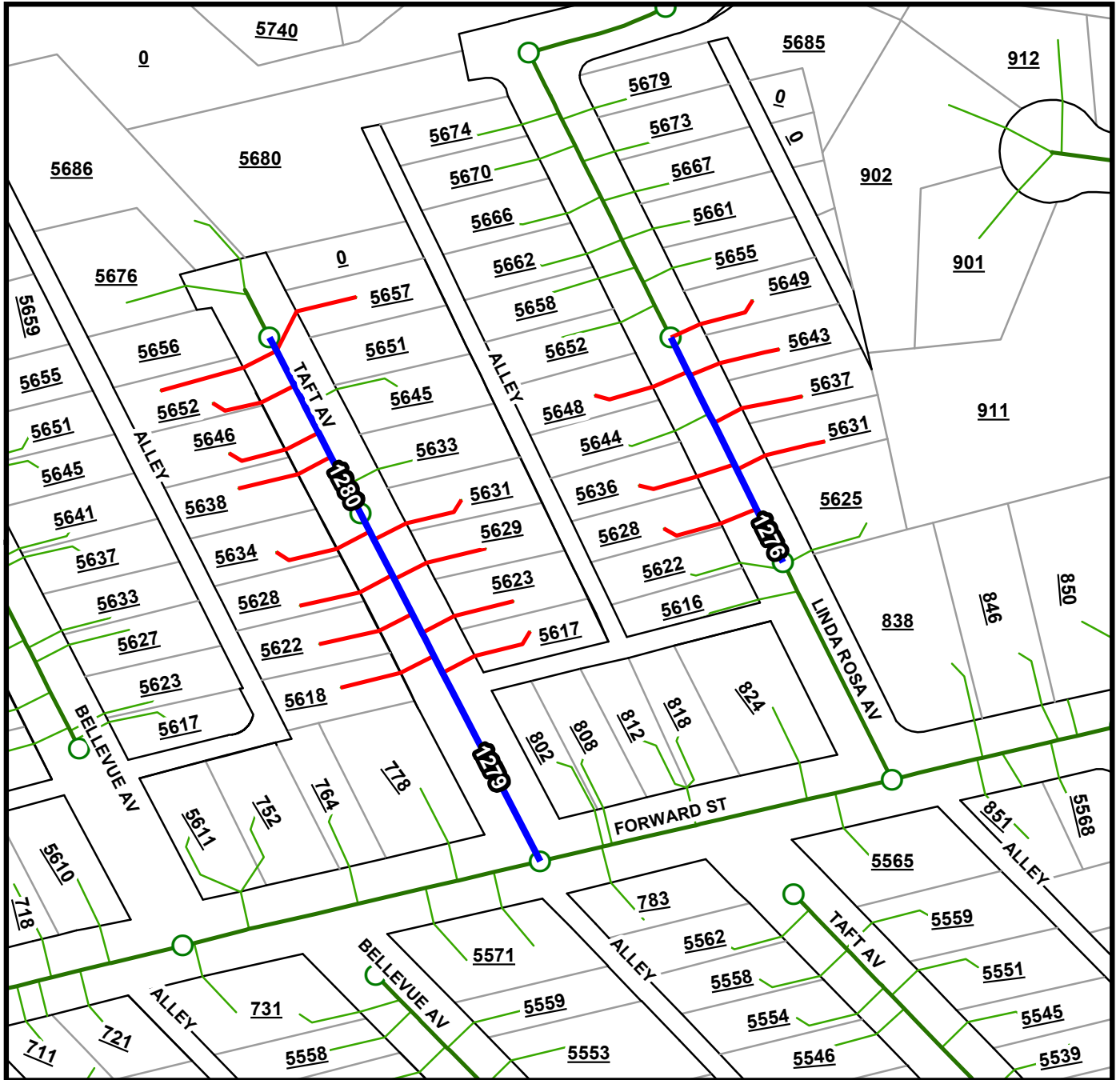
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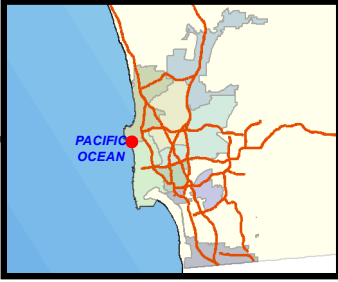
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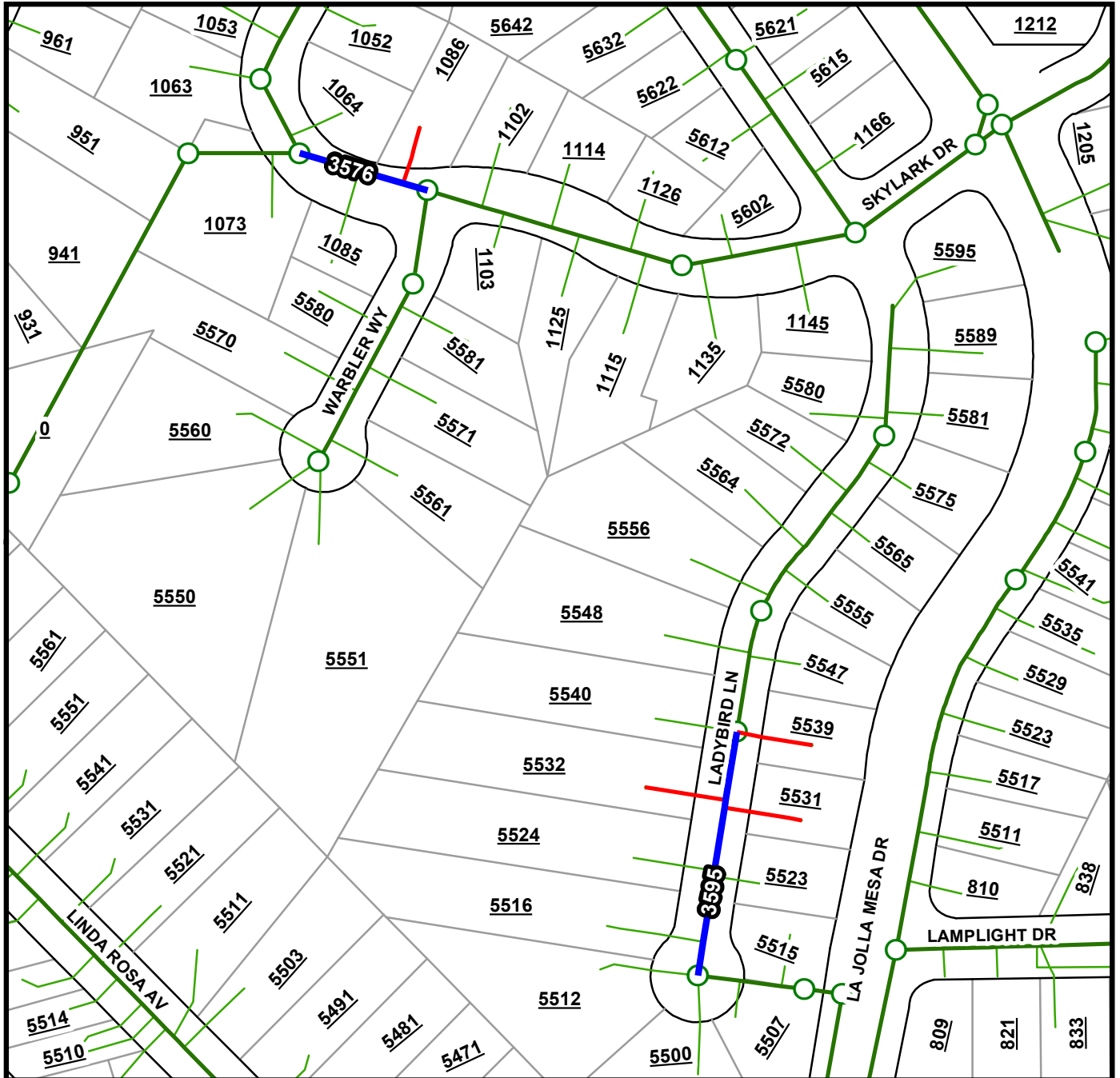
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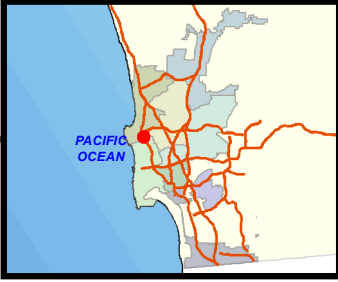
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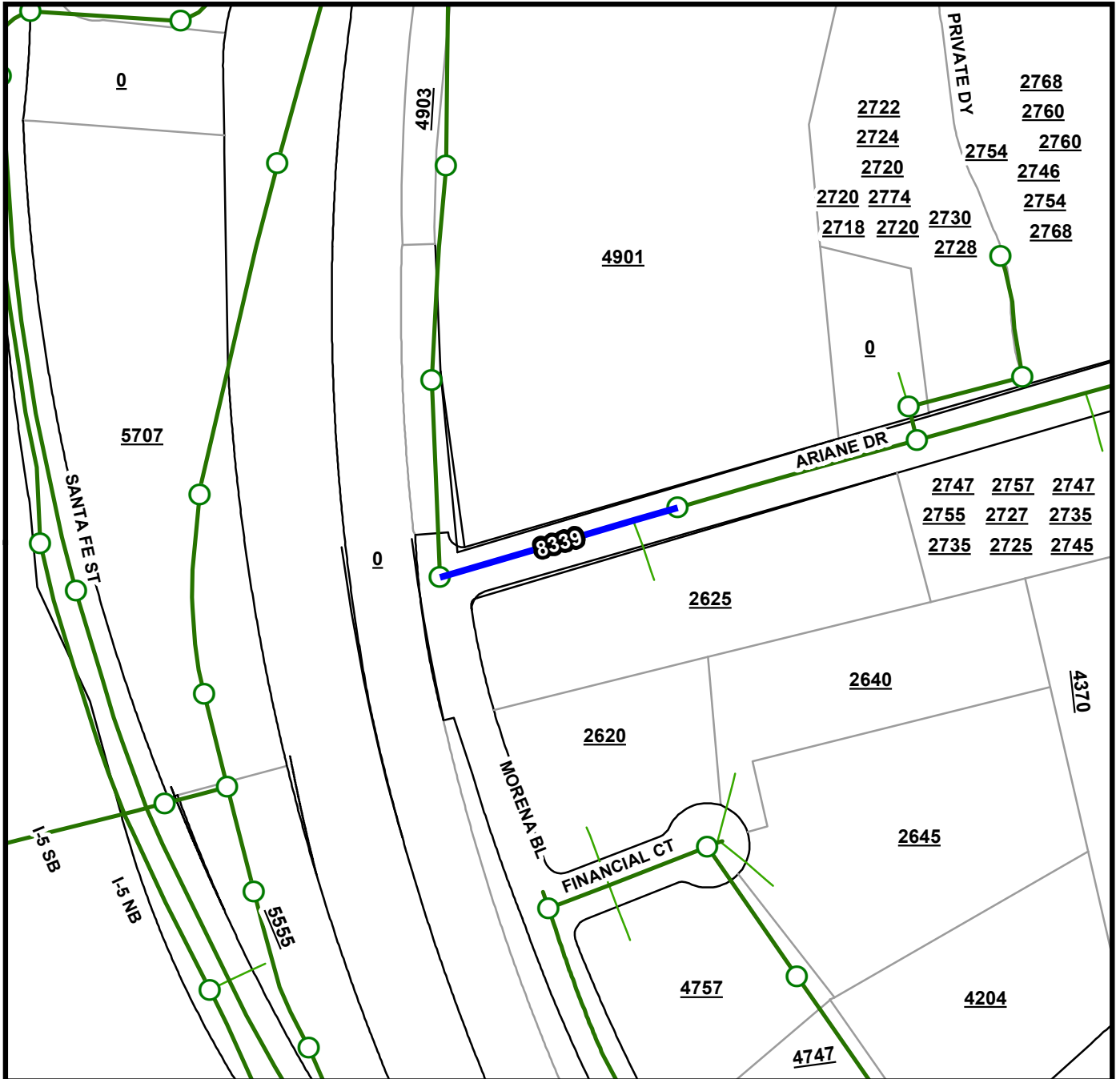
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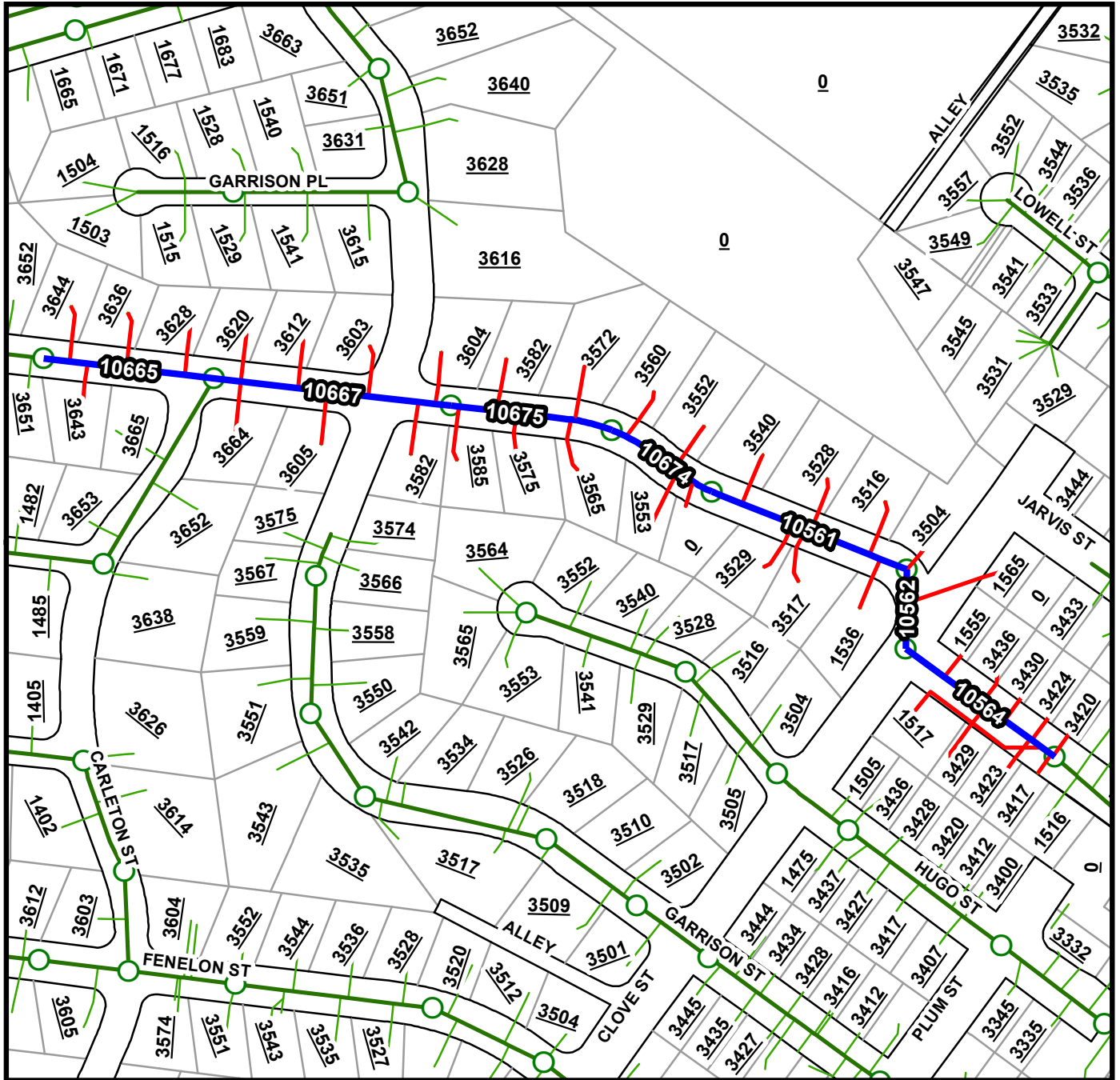
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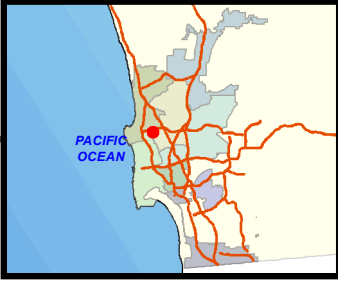
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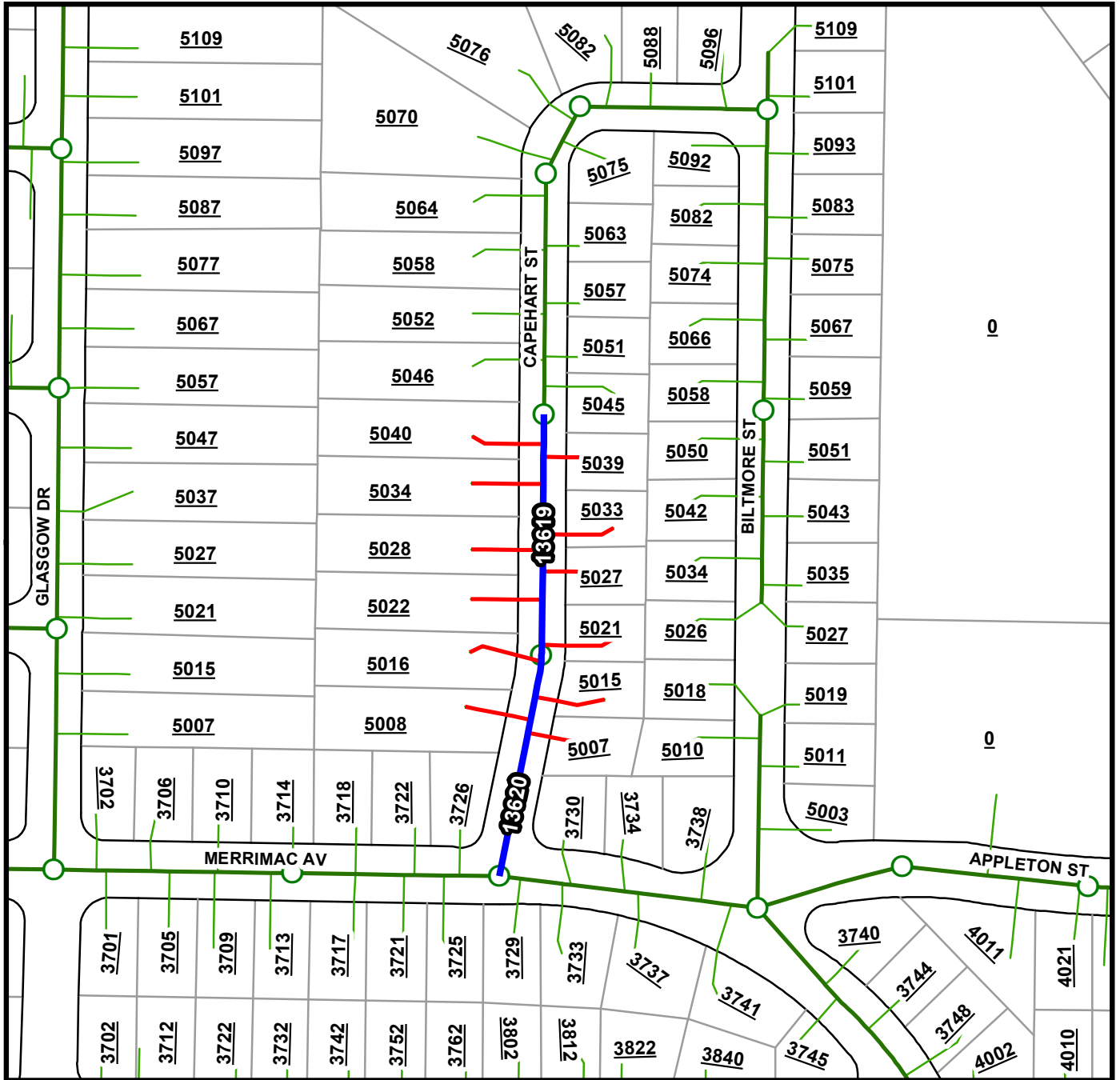
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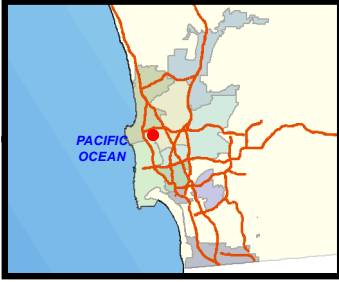
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Pipeline Rehab - Phase G-2 (Laterals)

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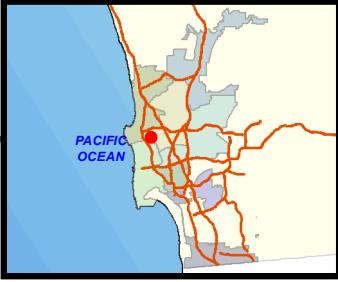


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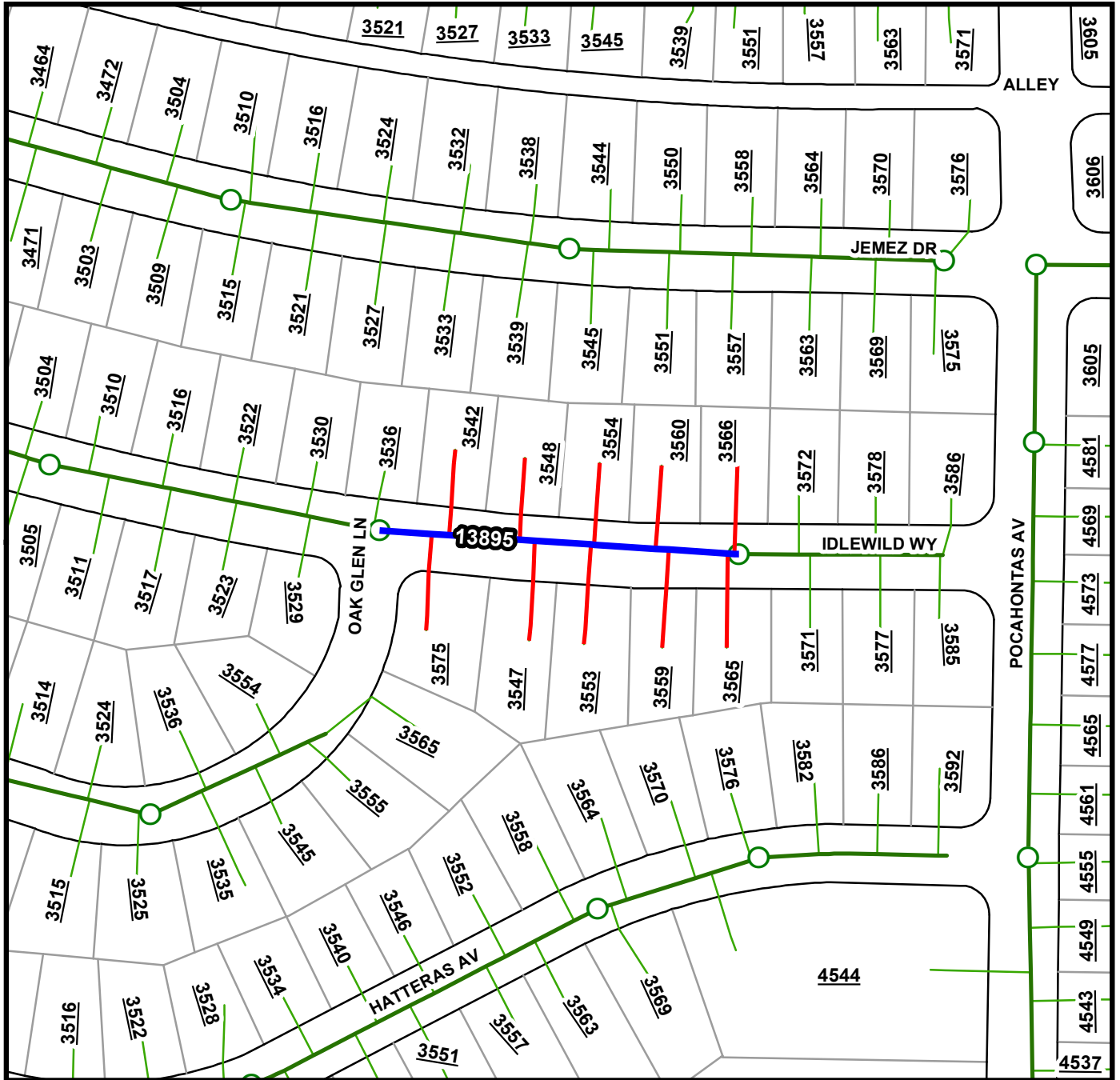
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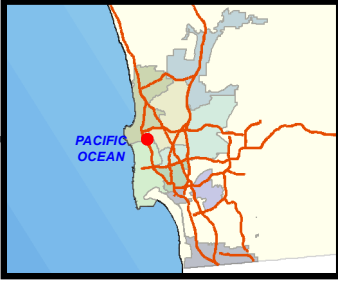
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Pipeline Rehab - Phase G-2 (Laterals)

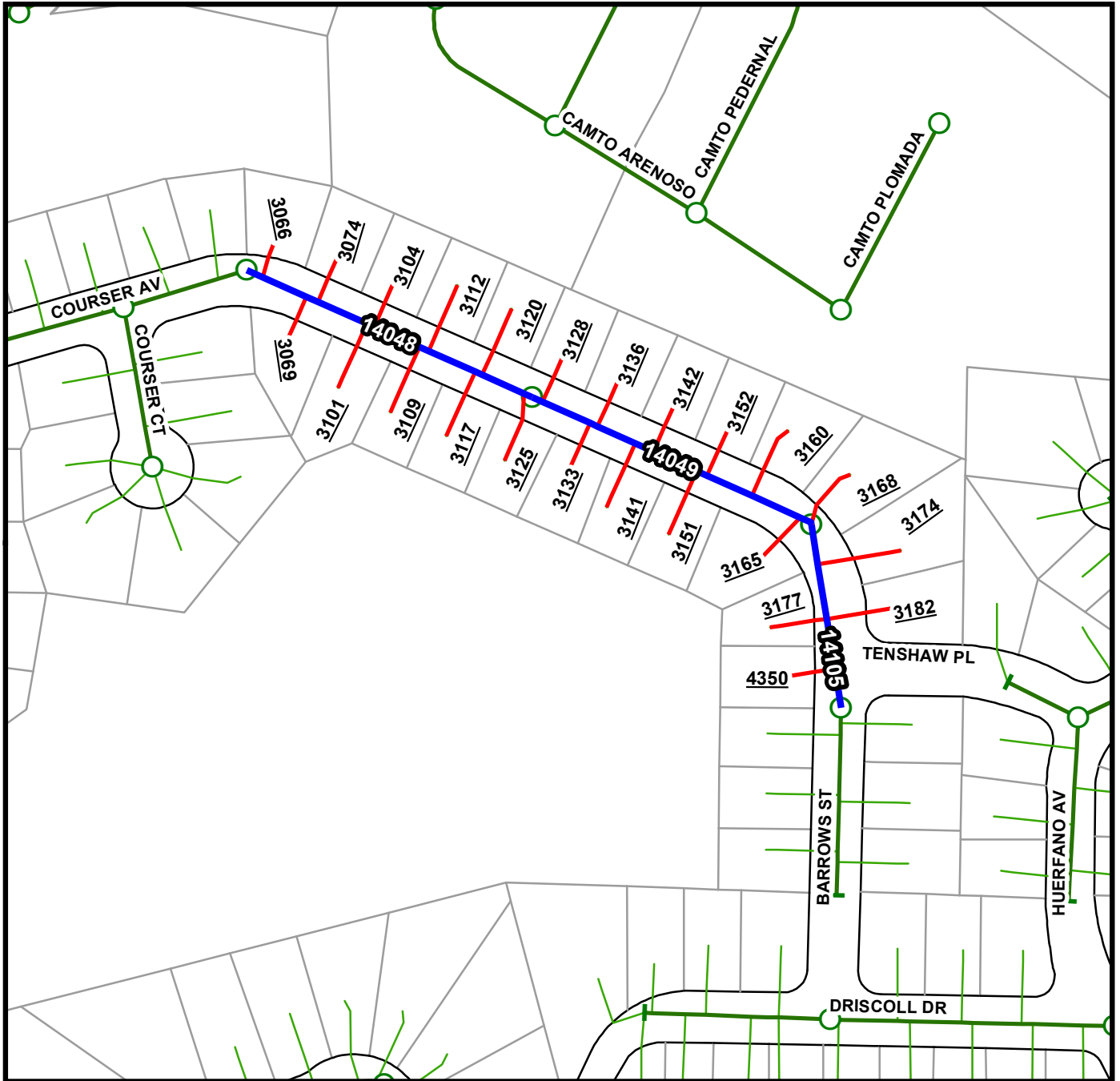
SENIOR ENGINEER
Luis Schaar
619-533-7492

PROJECT MANAGER
Laila Nasrawi
619-533-4619



PROJECT ENGINEER
Lotous Lenguyen
619-533-4626

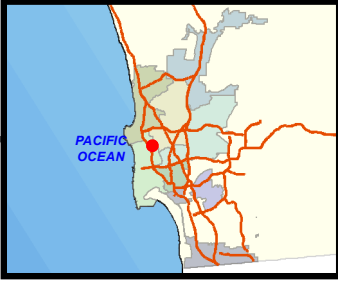
CONSTRUCTION PROJECT
INFORMATION LINE
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Legend

- G2 Mains
- G2 Laterals





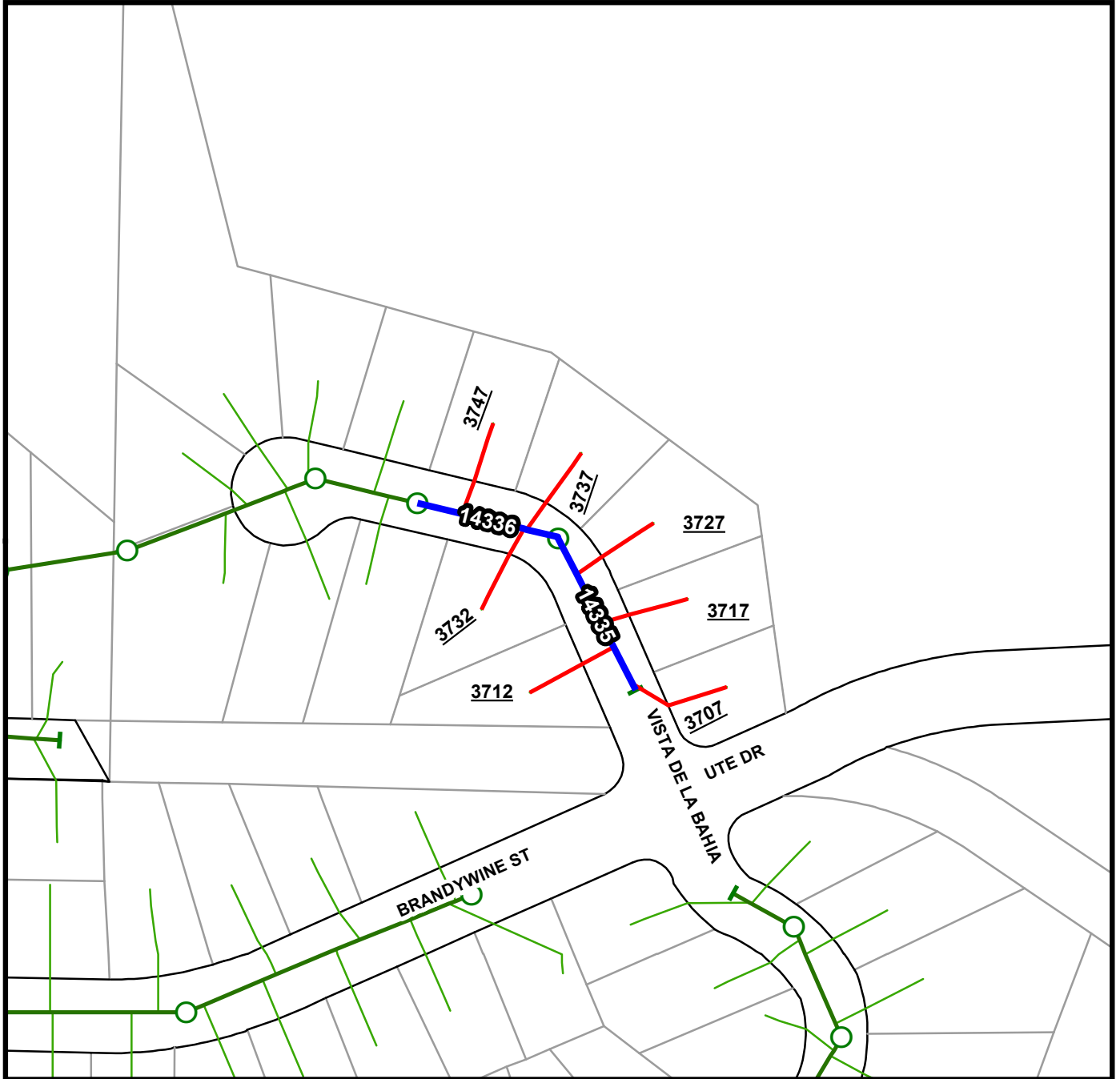
Pipeline Rehab - Phase G-2 (Laterals)

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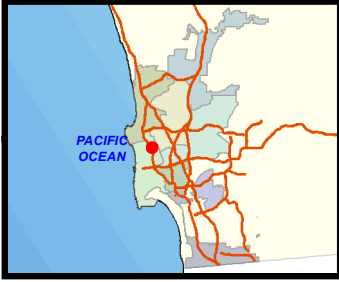
CONSTRUCTION PROJECT
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Legend

- G2 Mains
- G2 Laterals





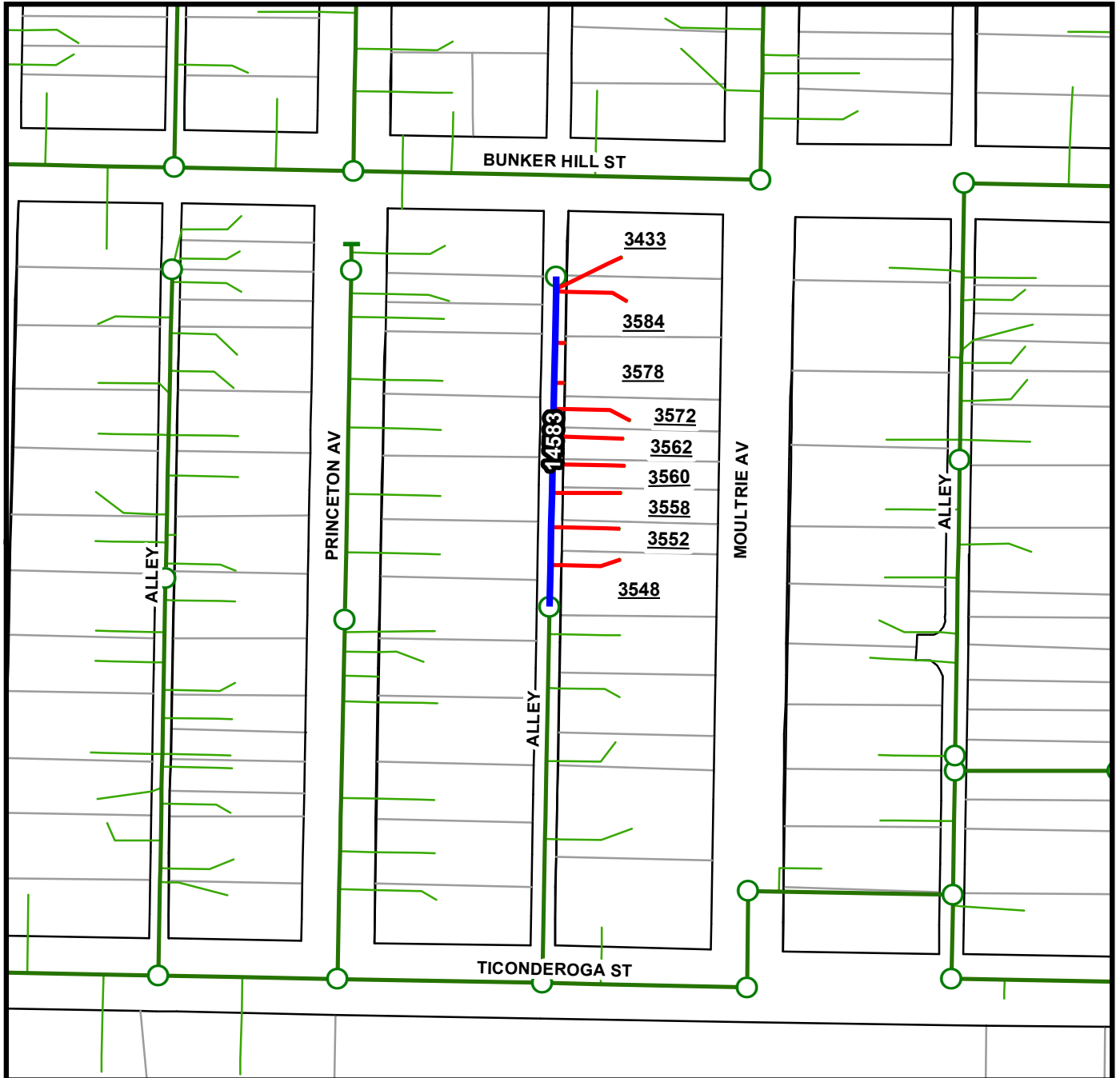
Pipeline Rehab - Phase G-2 (Laterals)

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Pipeline Rehab - Phase G-2 (Laterals)

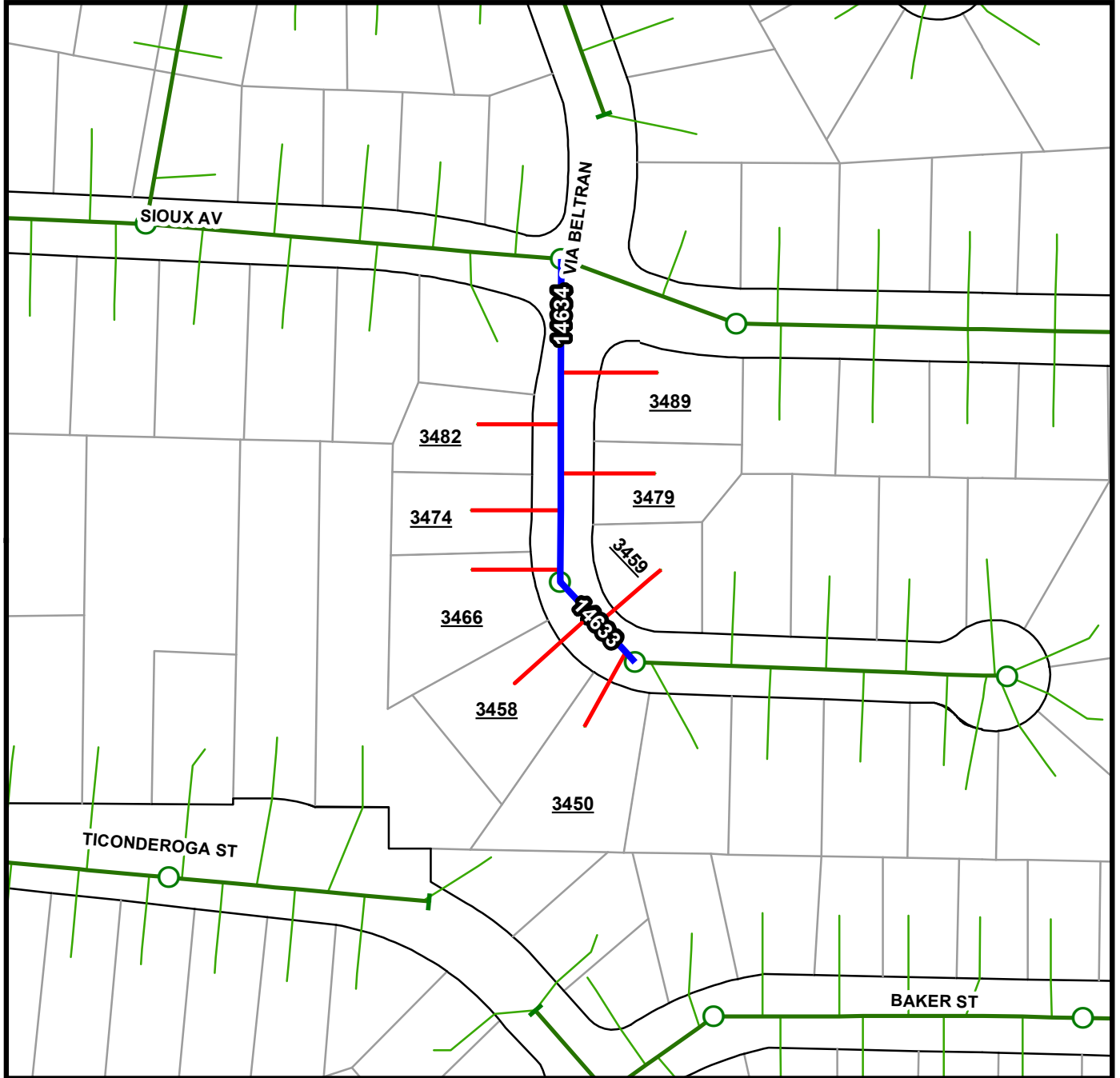
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Pipeline Rehab - Phase G-2 (Laterals)

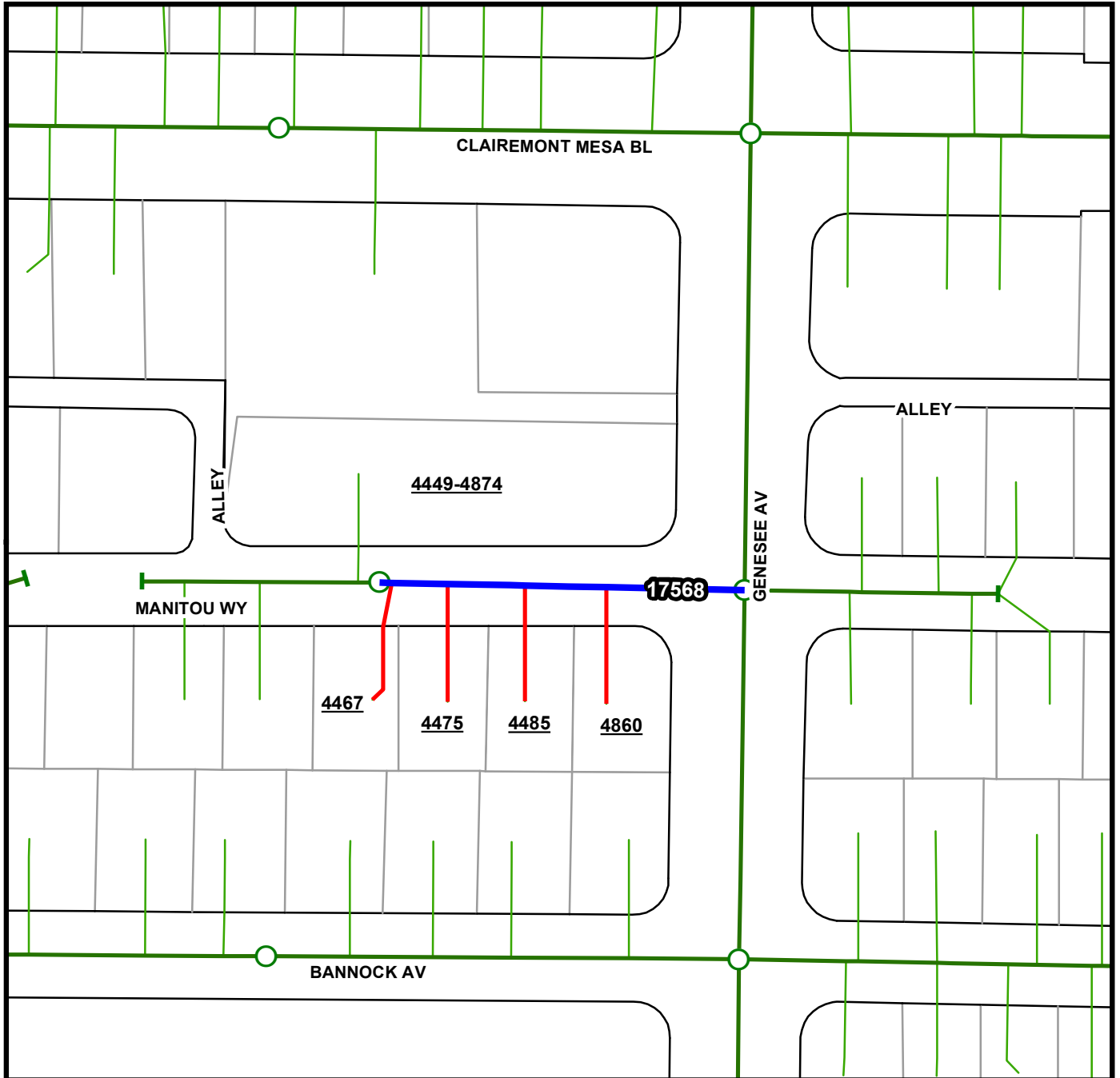
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Pipeline Rehab - Phase G-2 (Laterals)

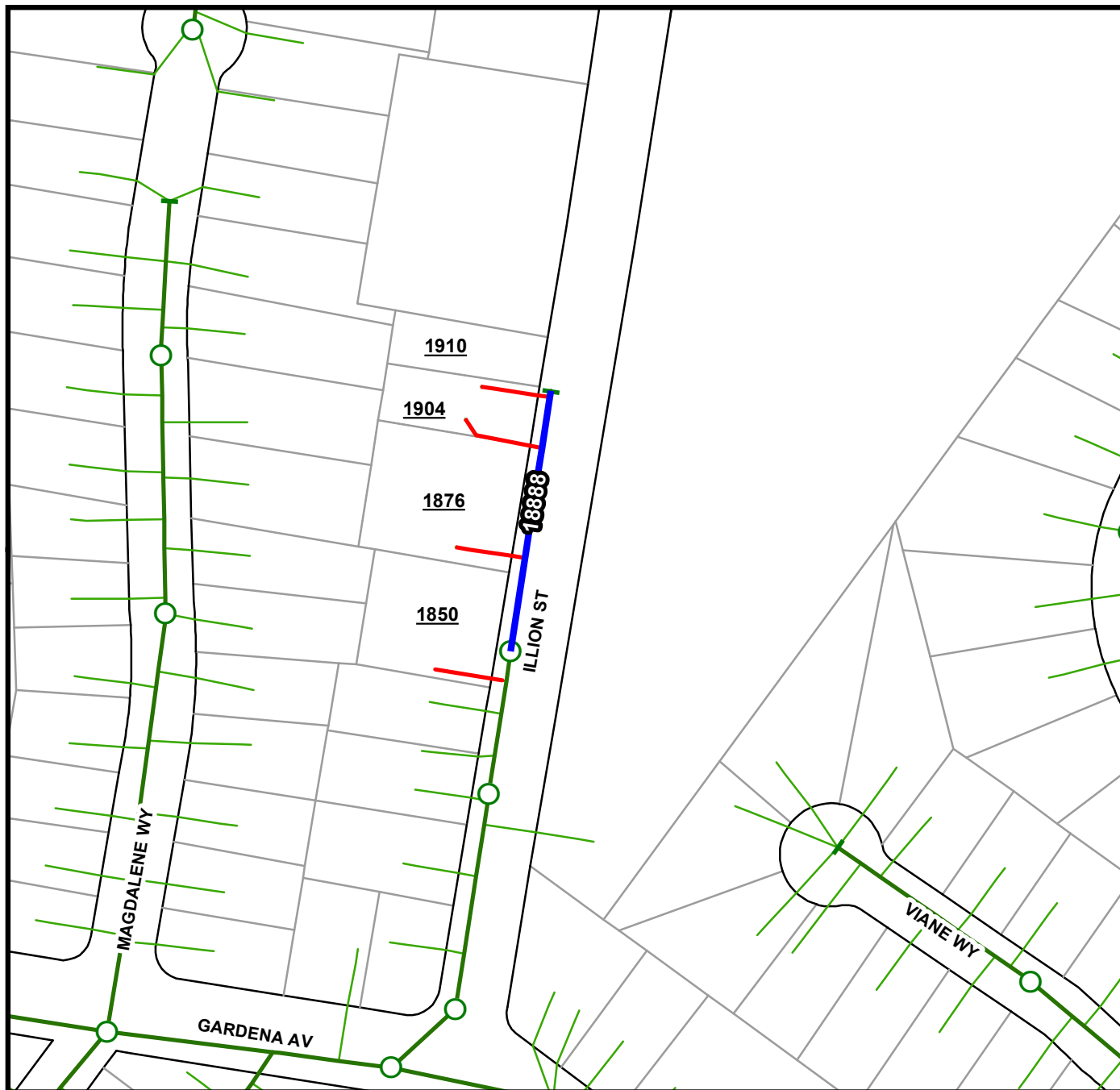


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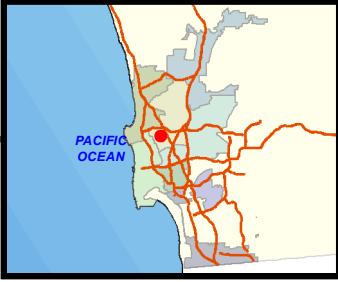
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Pipeline Rehab - Phase G-2 (Laterals)

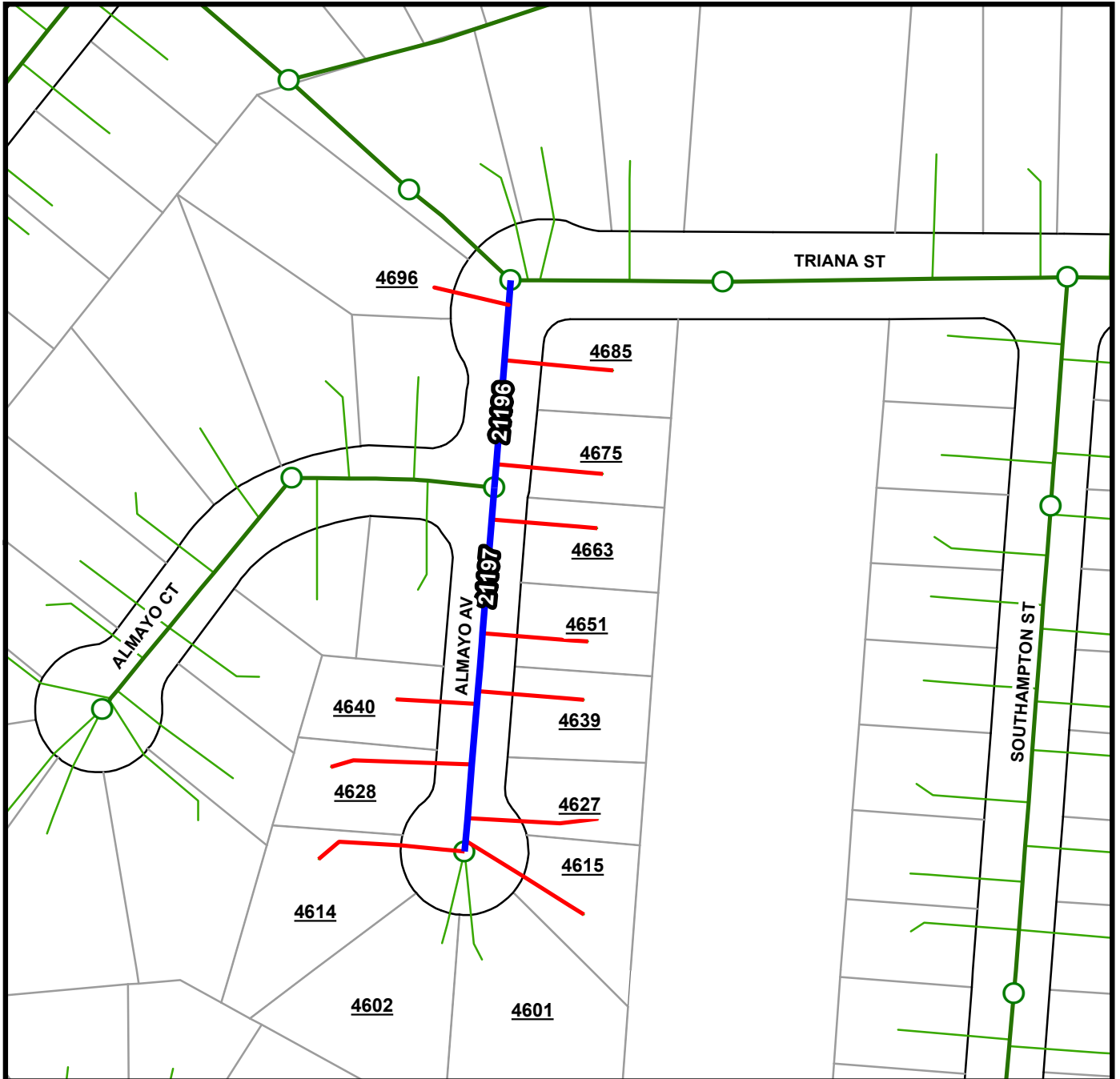
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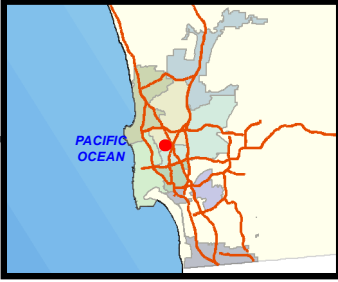
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Pipeline Rehab - Phase G-2 (Laterals)

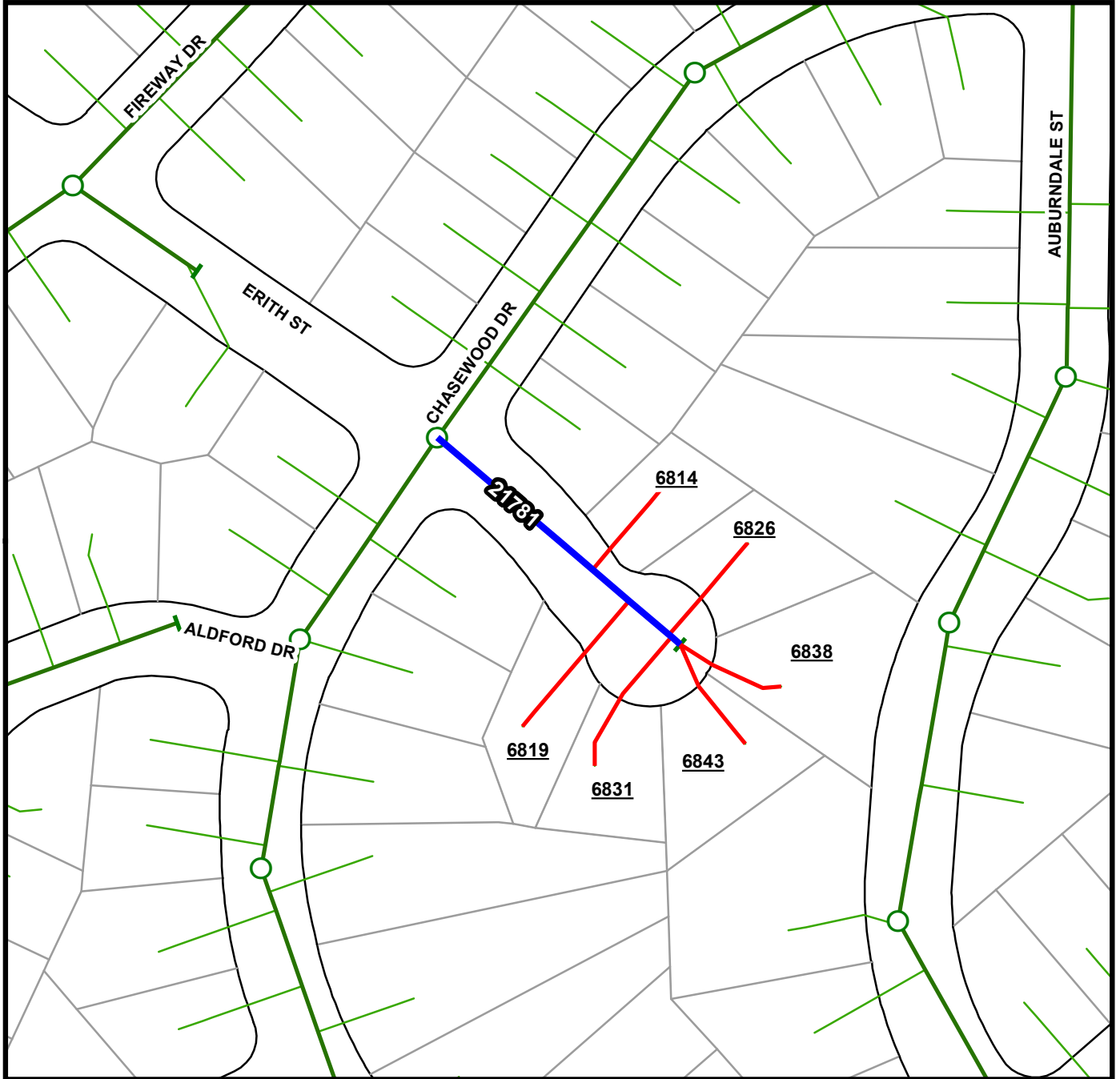
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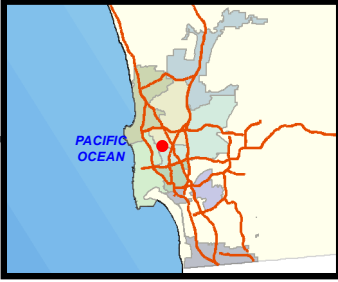
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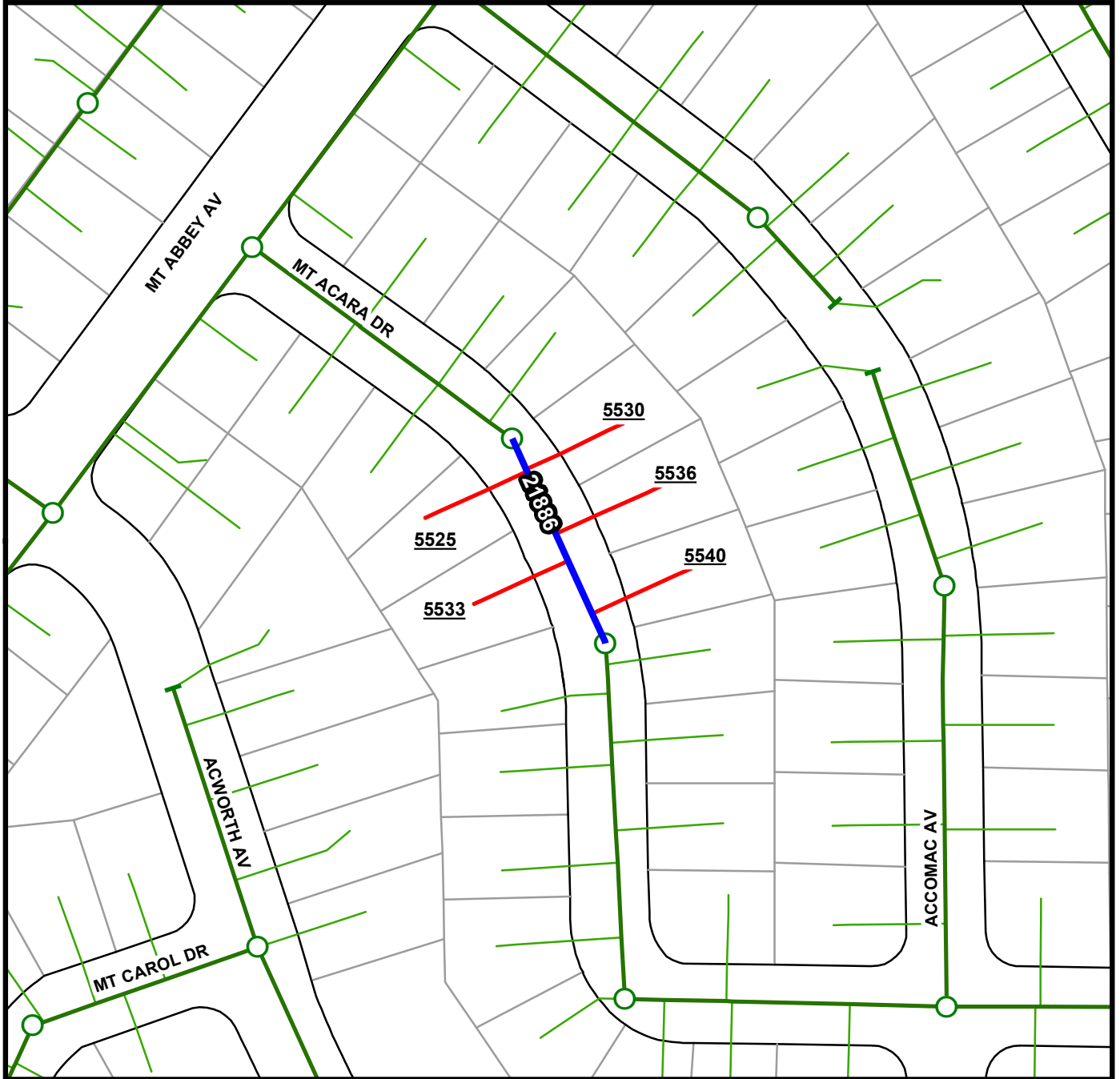
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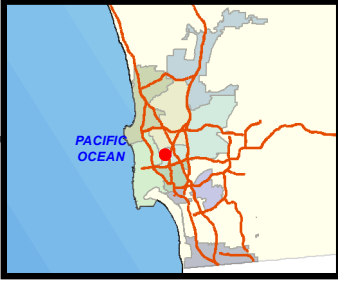
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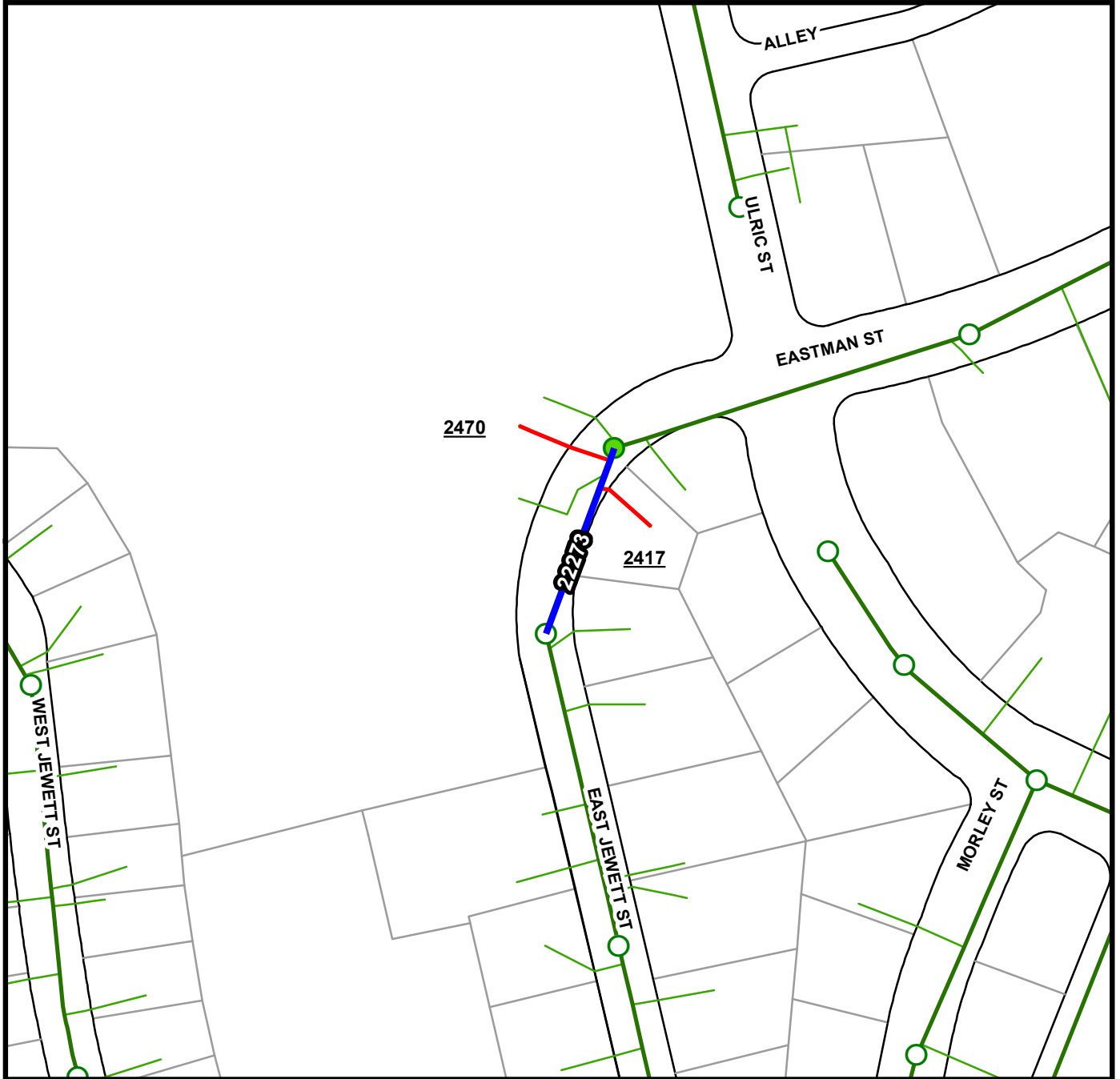
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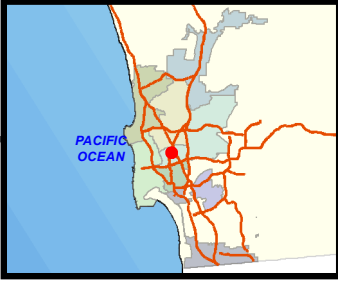
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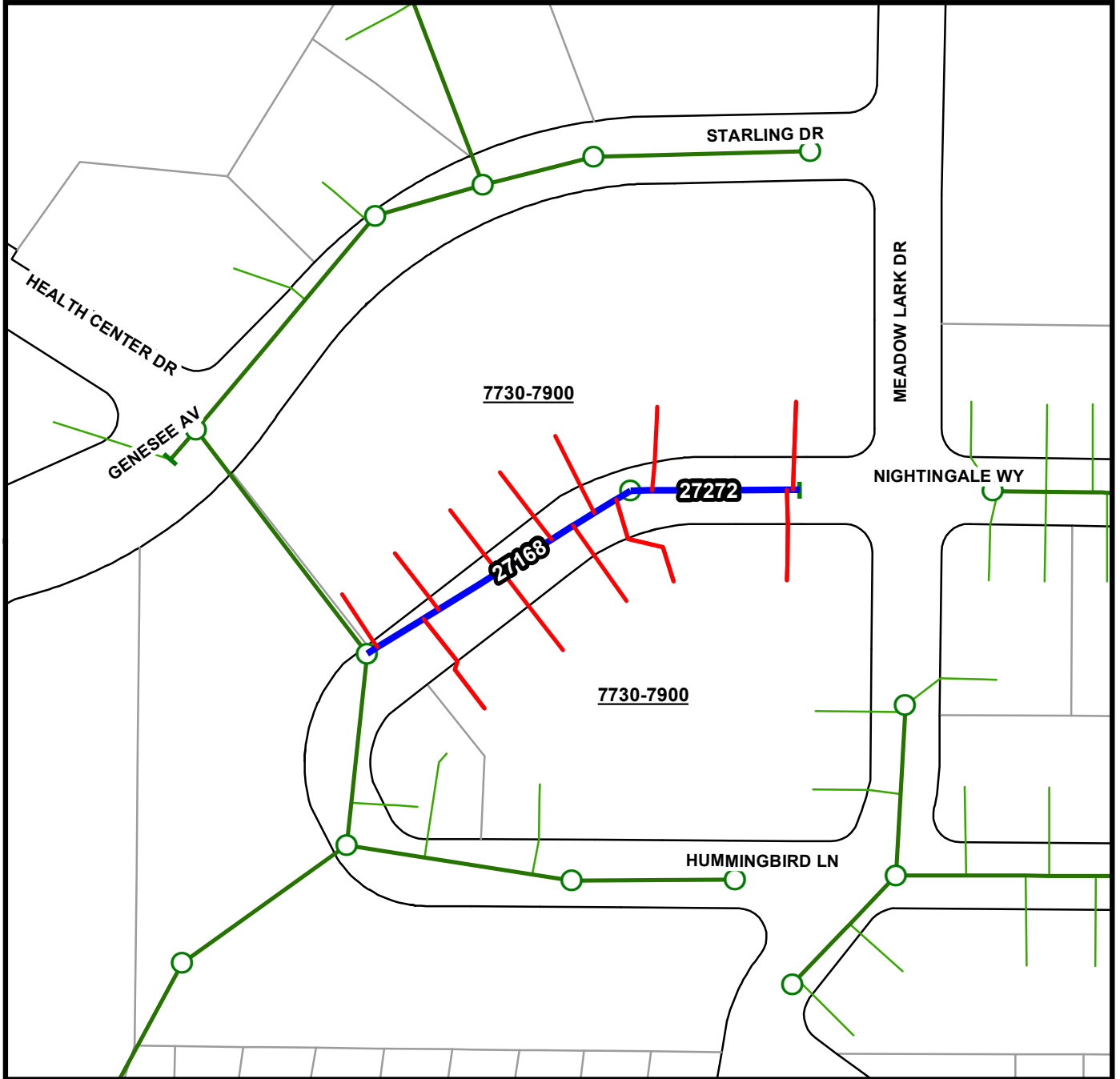
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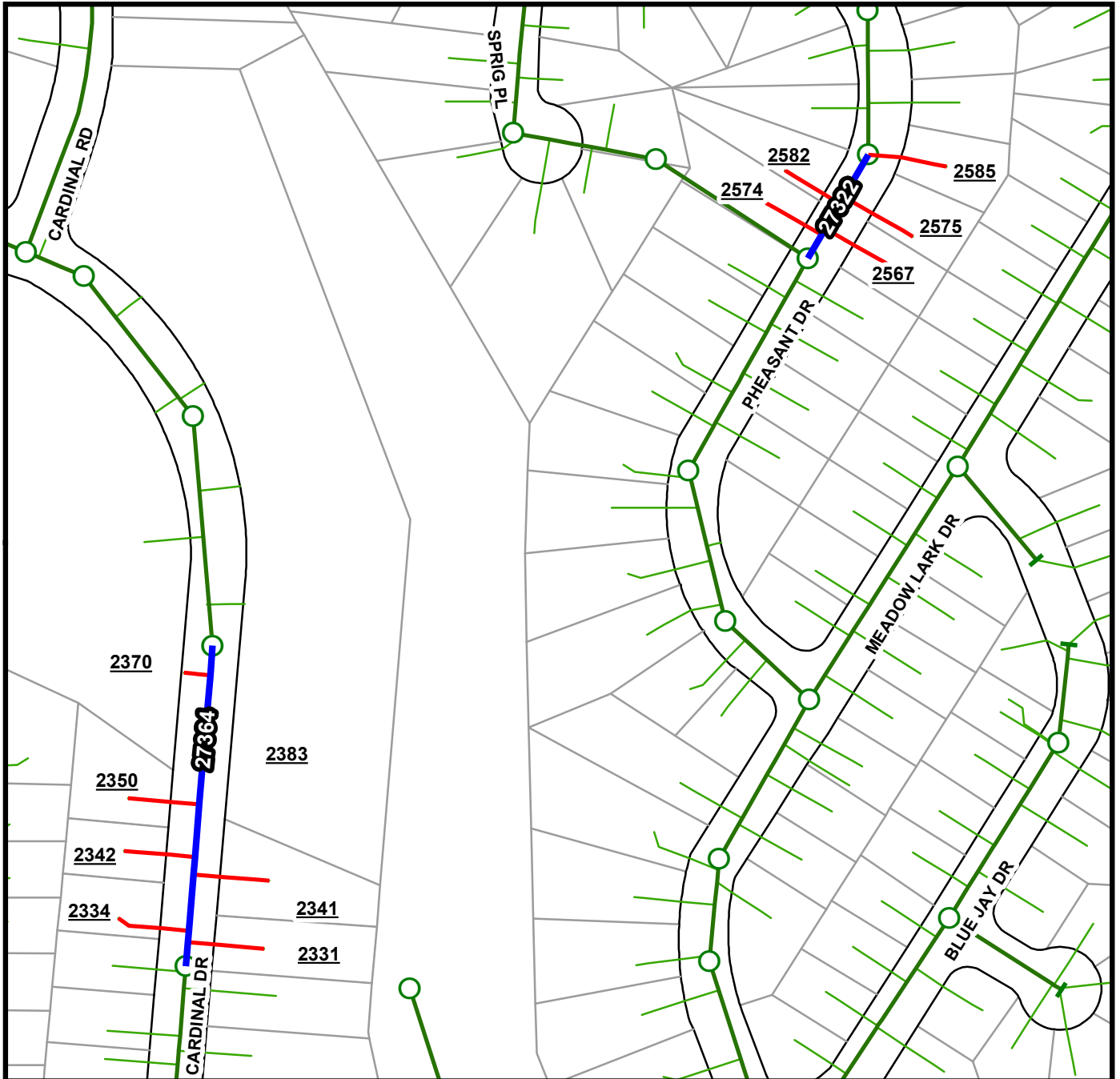
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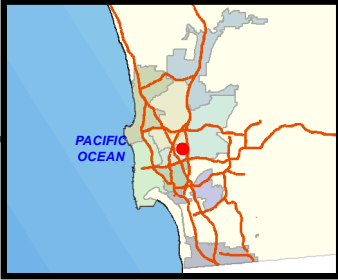
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Pipeline Rehab - Phase G-2 (Laterals)

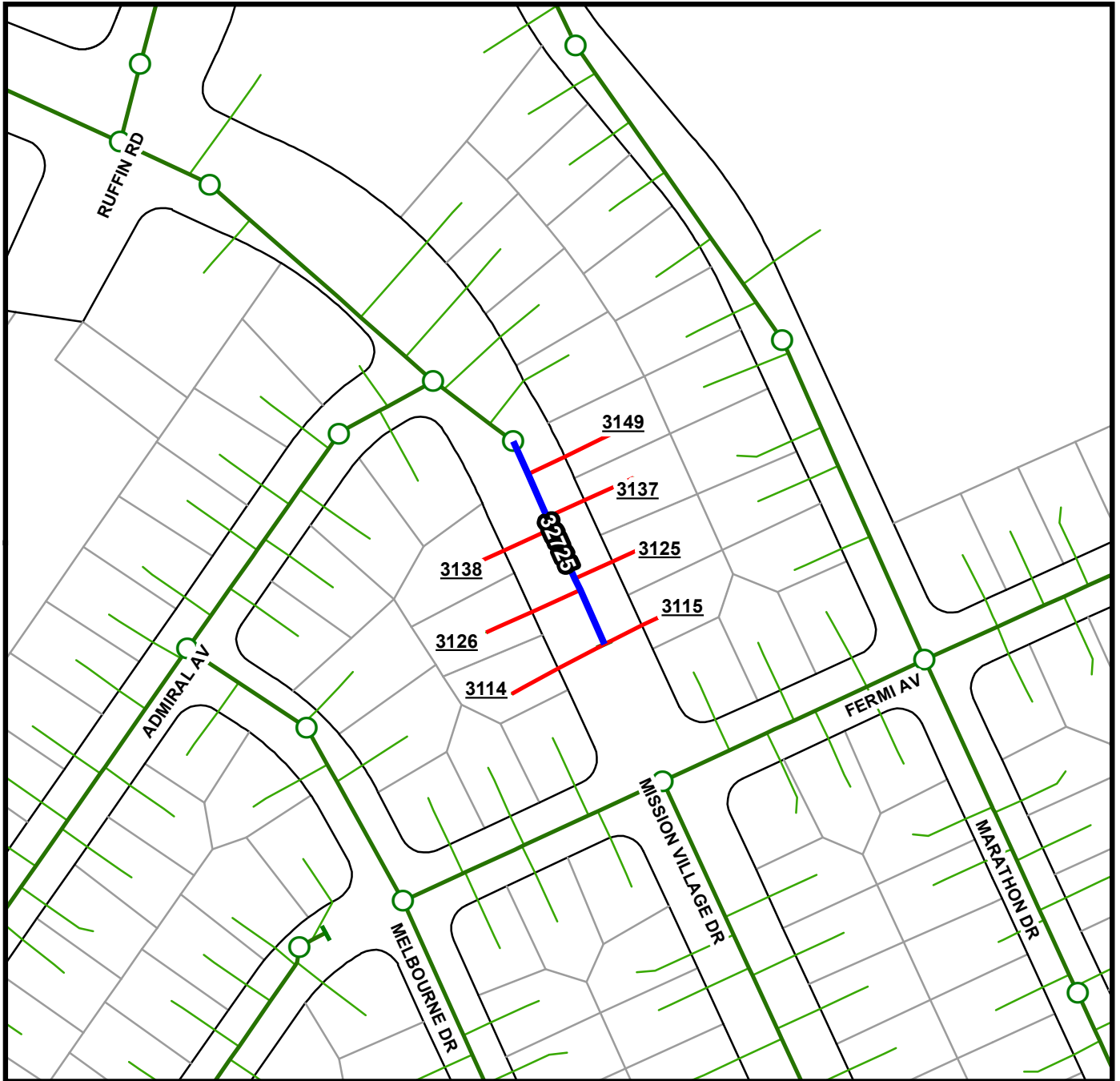
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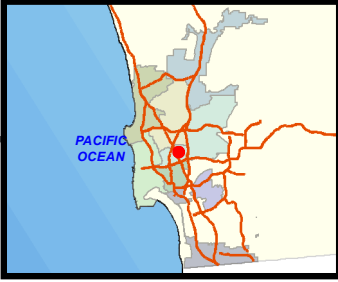
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Pipeline Rehab - Phase G-2 (Laterals)

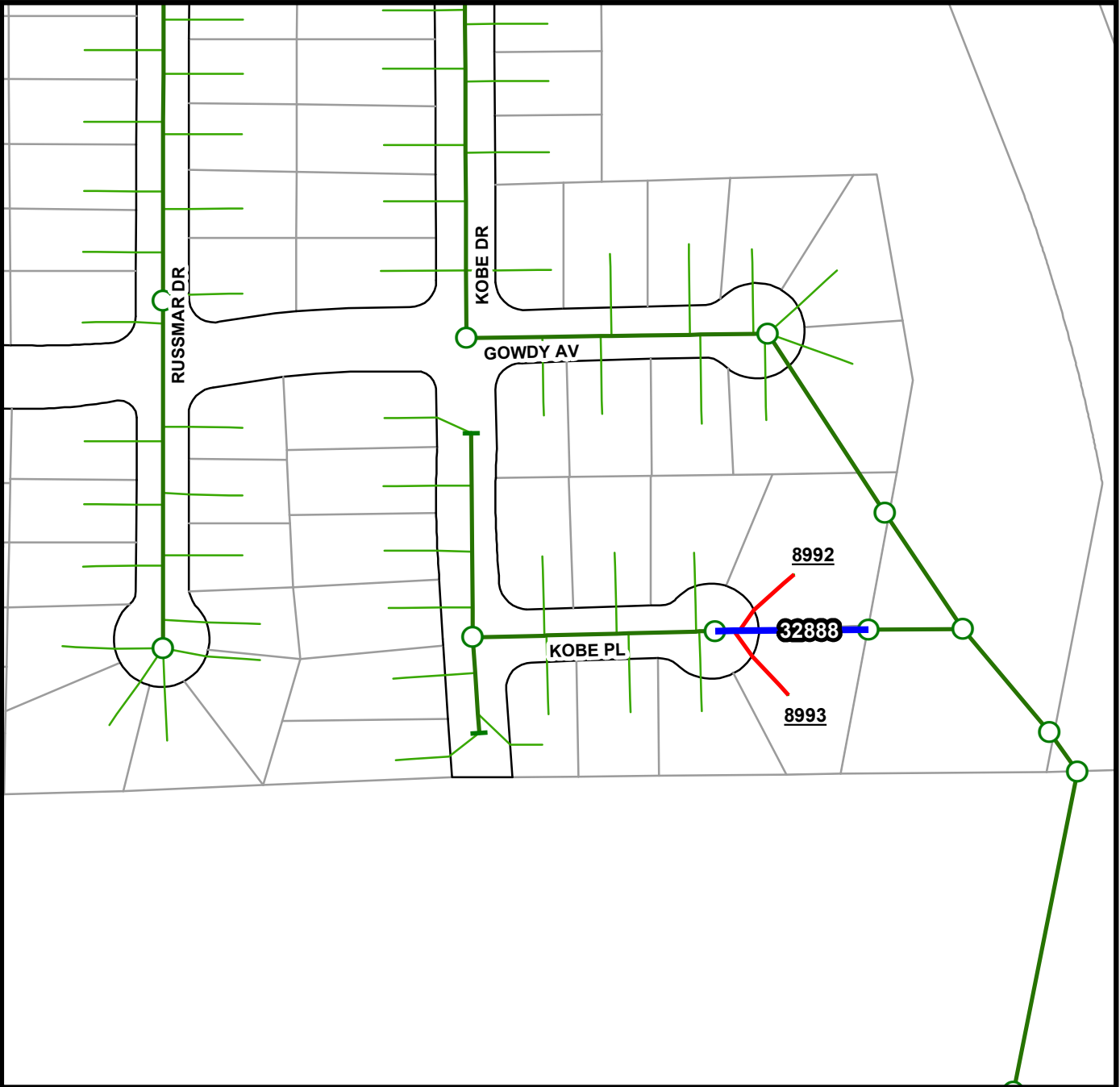
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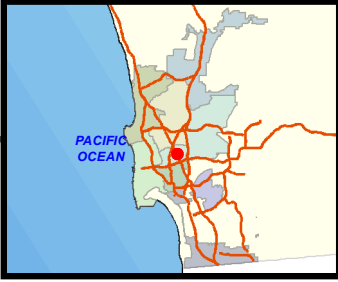
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Pipeline Rehab - Phase G-2 (Laterals)

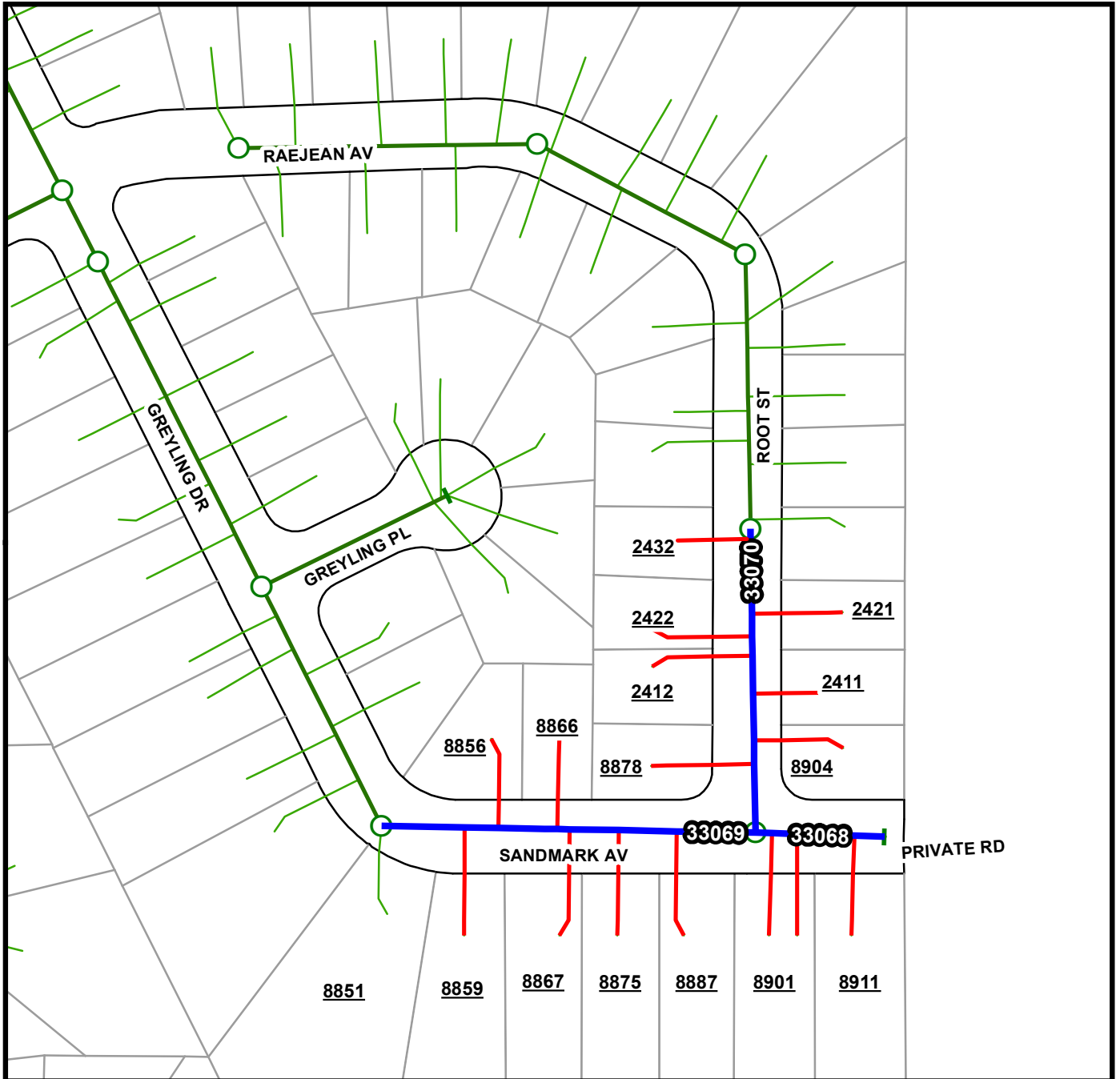
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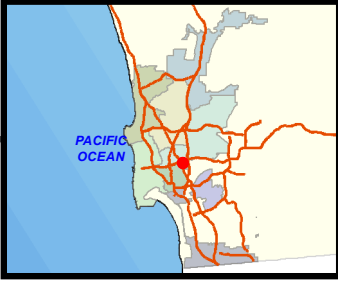
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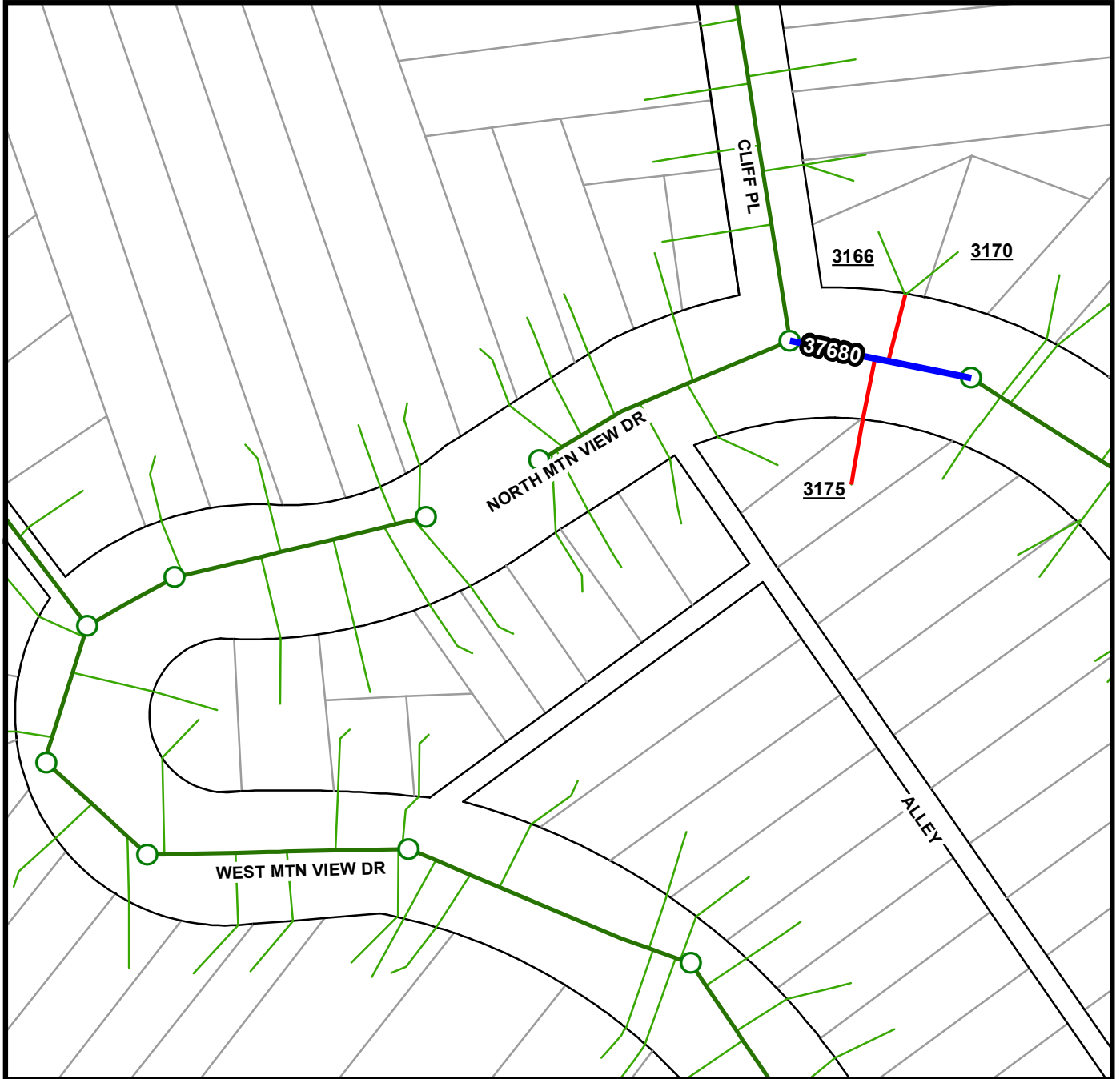
Pipeline Rehab - Phase G-2 (Laterals)

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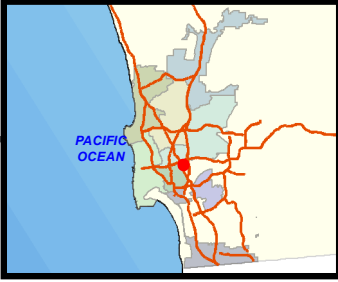
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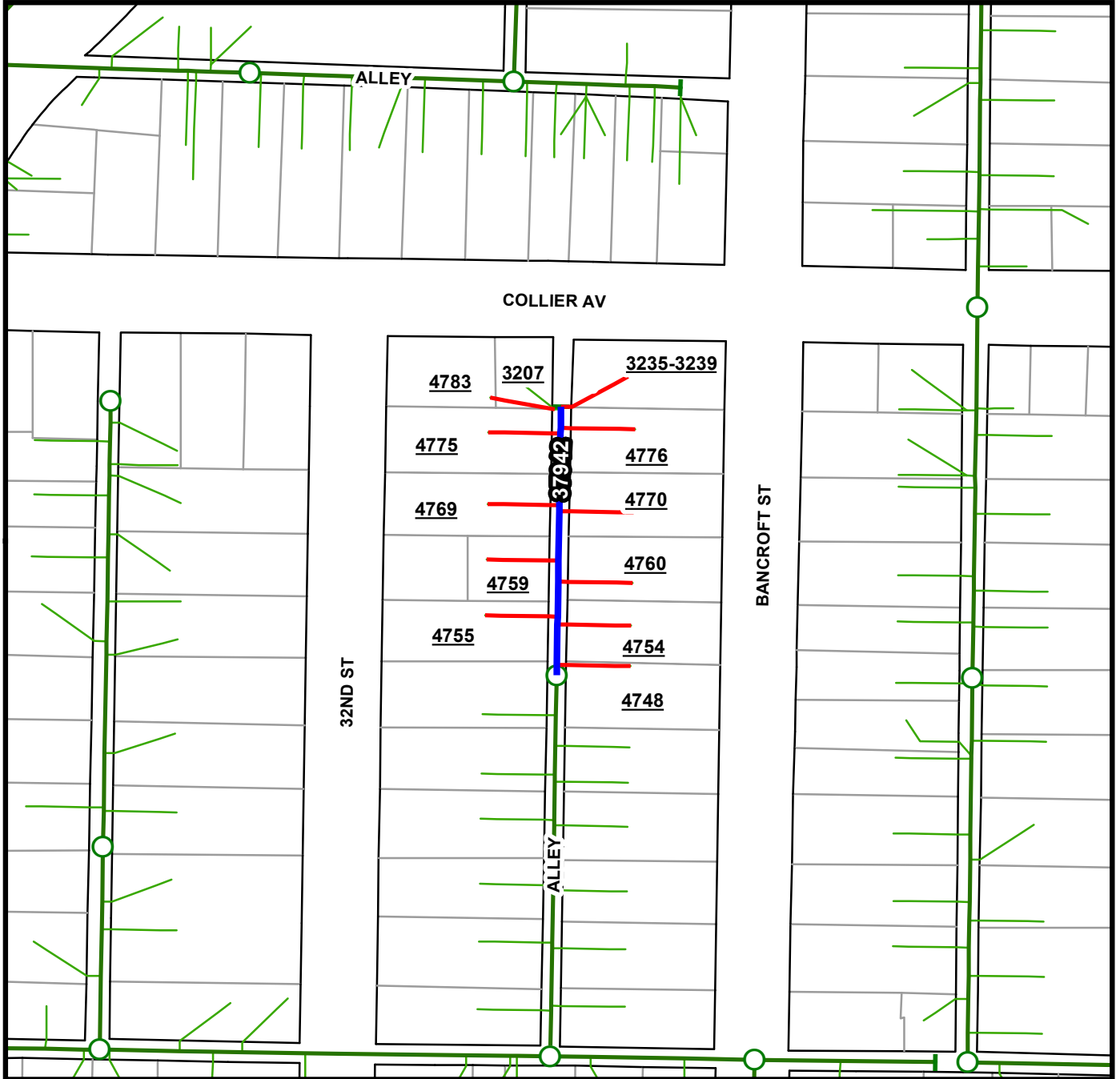
Pipeline Rehab - Phase G-2 (Laterals)

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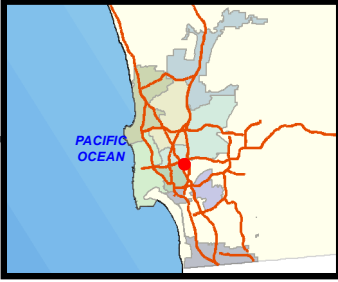
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Pipeline Rehab - Phase G-2 (Laterals)

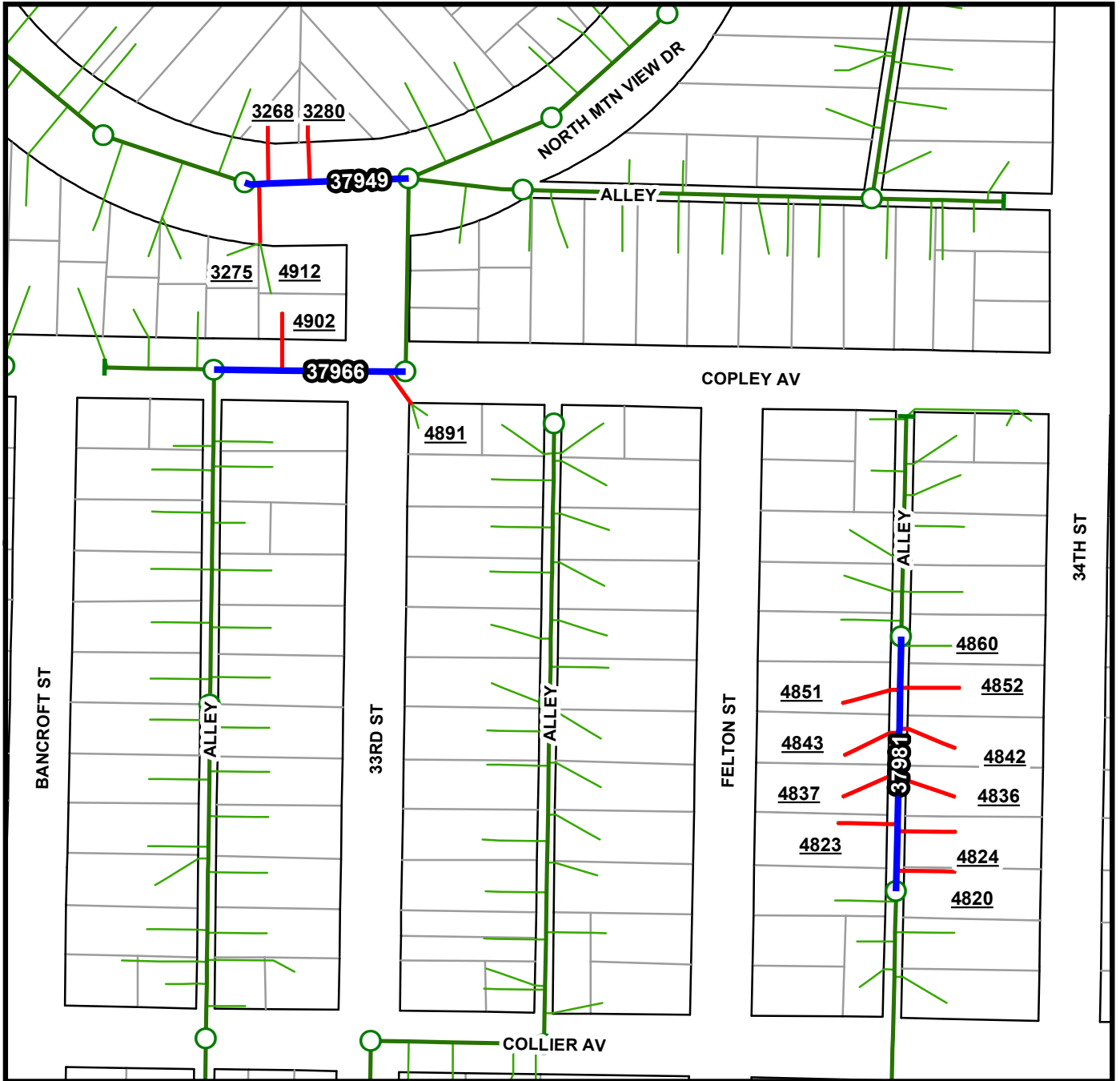
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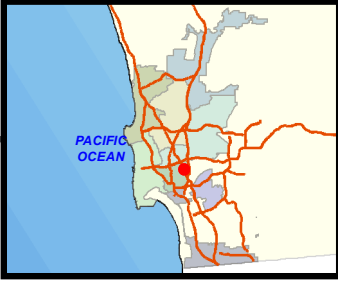
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Pipeline Rehab - Phase G-2 (Laterals)

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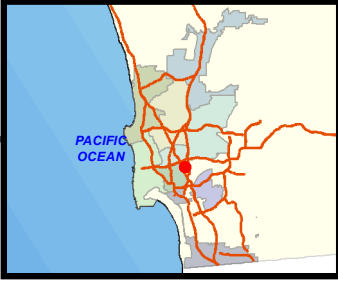
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Pipeline Rehab - Phase G-2 (Laterals)

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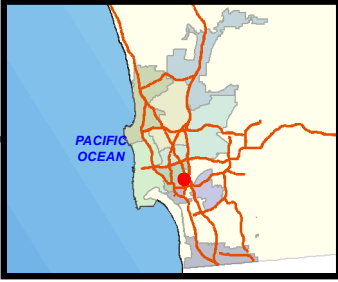
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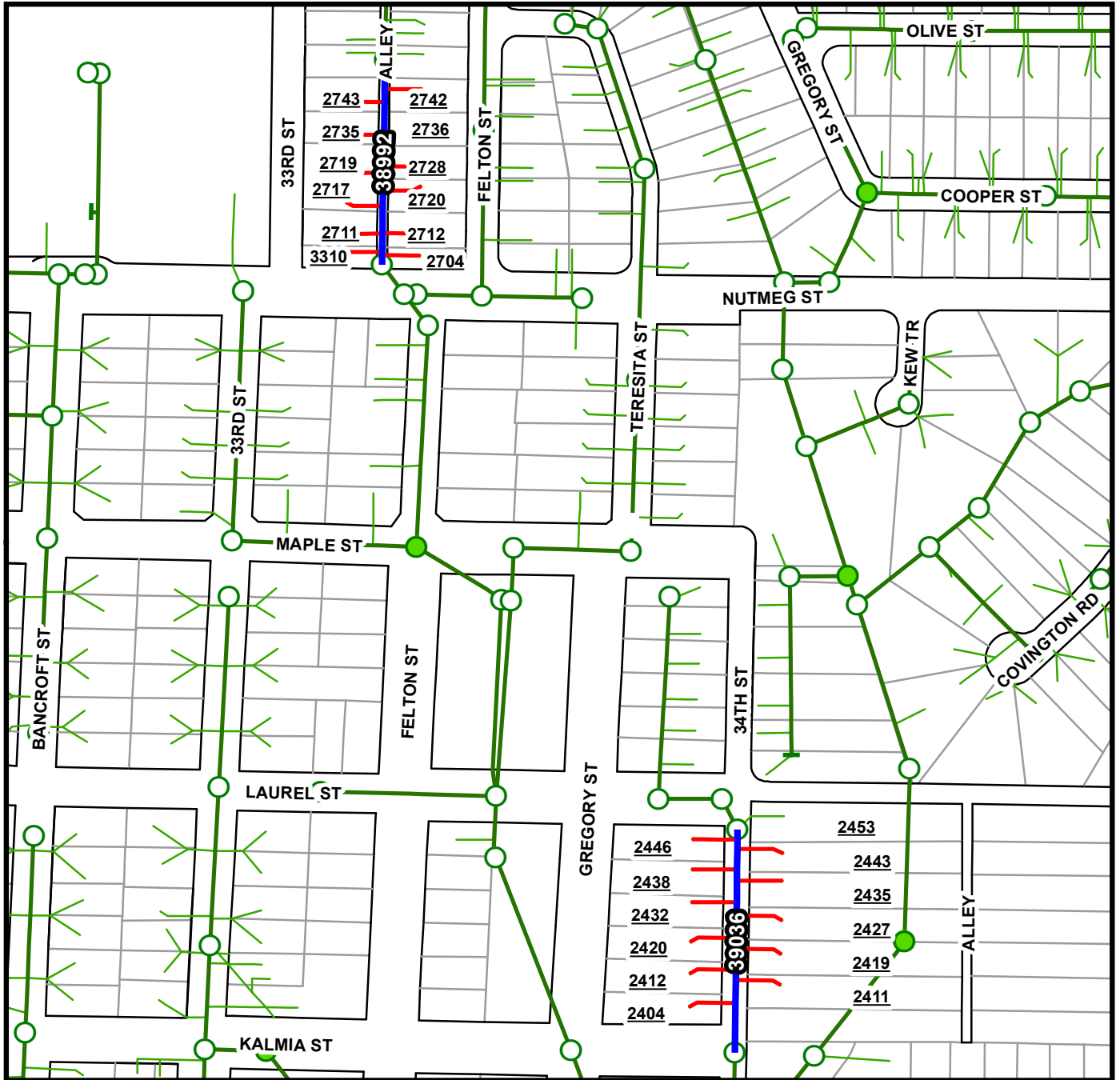
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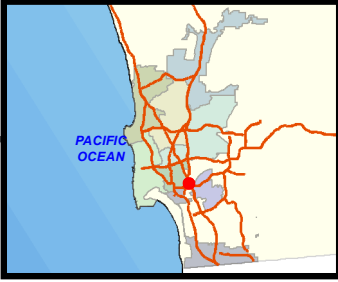
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Pipeline Rehab - Phase G-2 (Laterals)

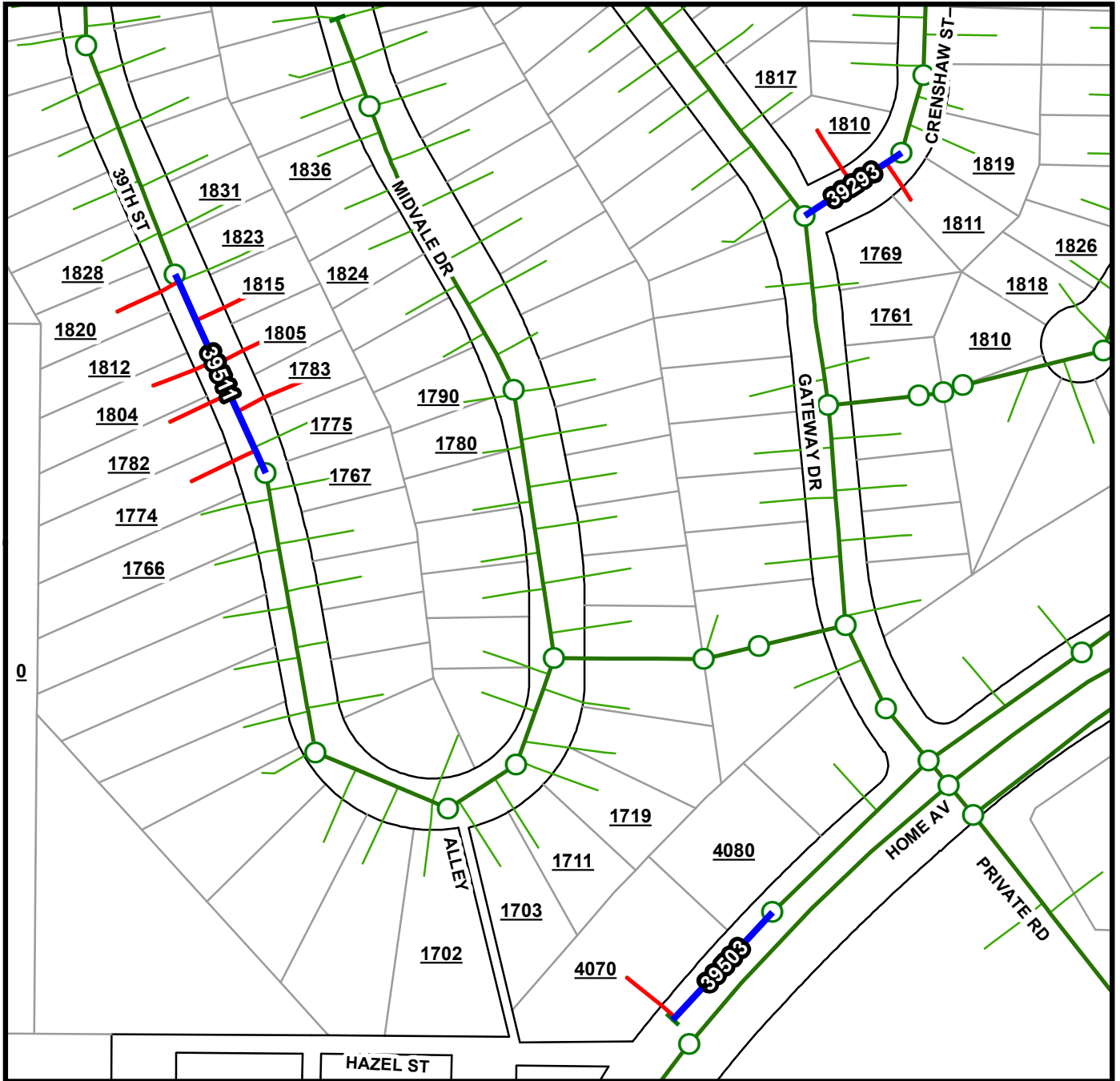
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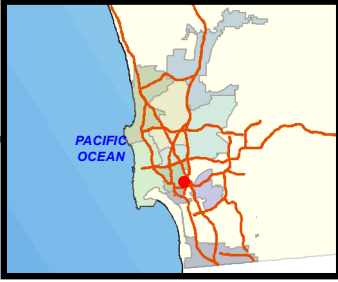
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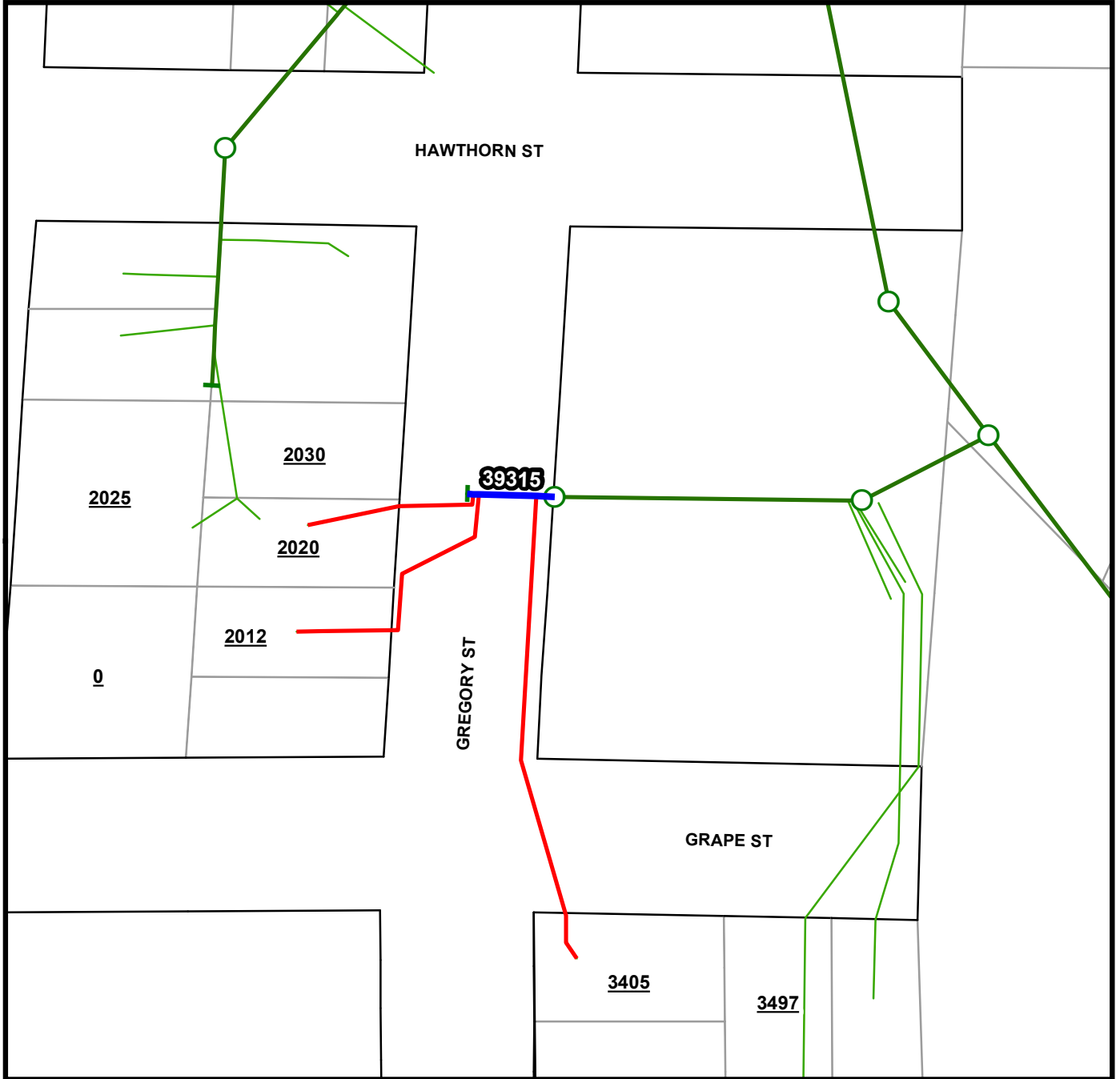
Pipeline Rehab - Phase G-2 (Laterals)

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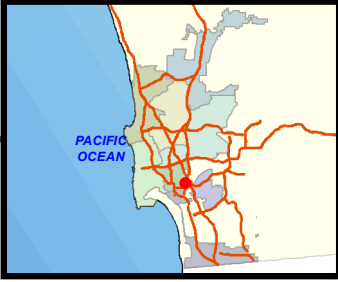
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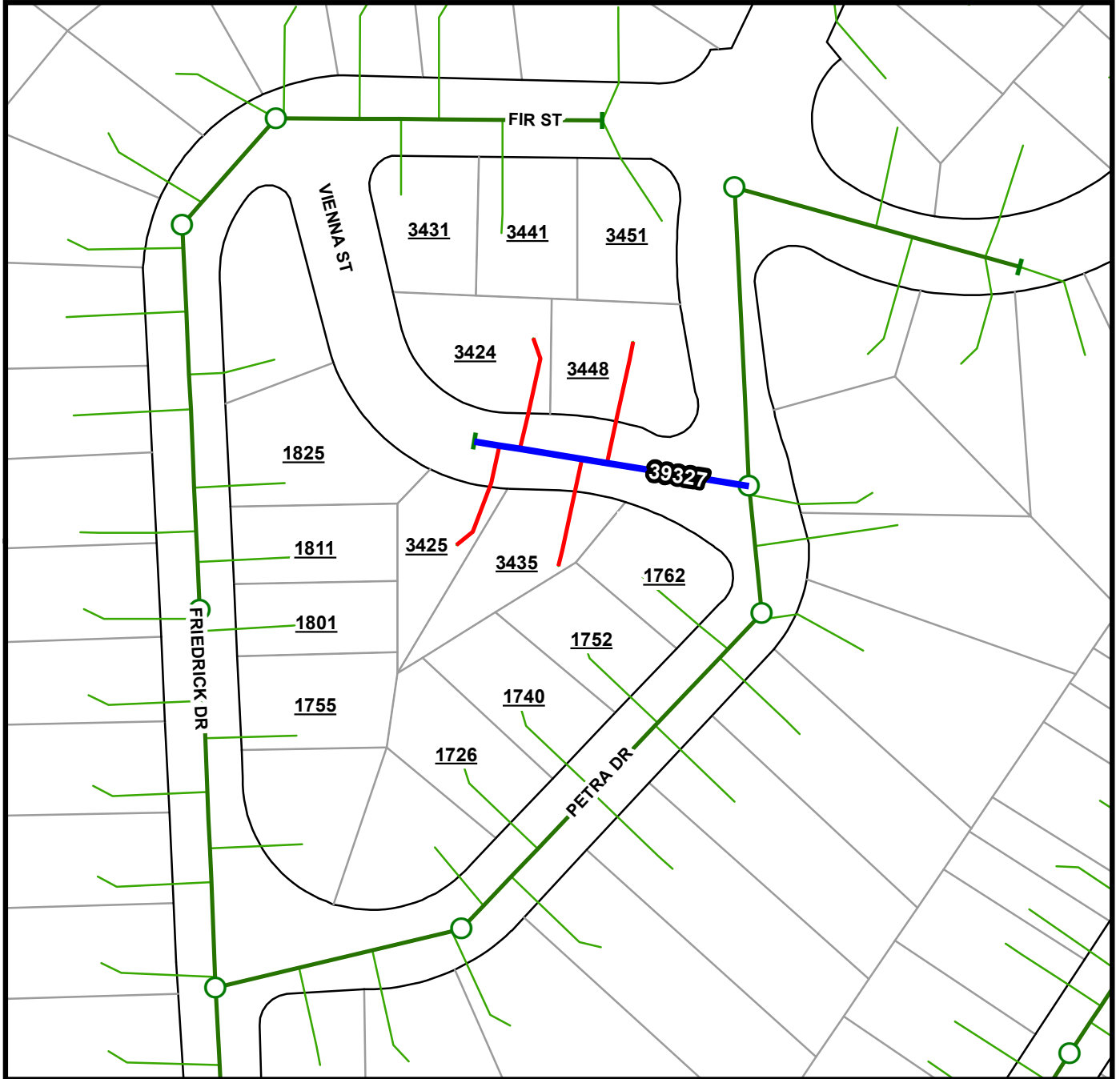
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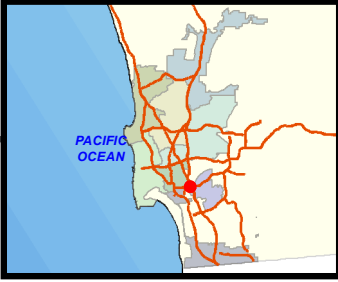
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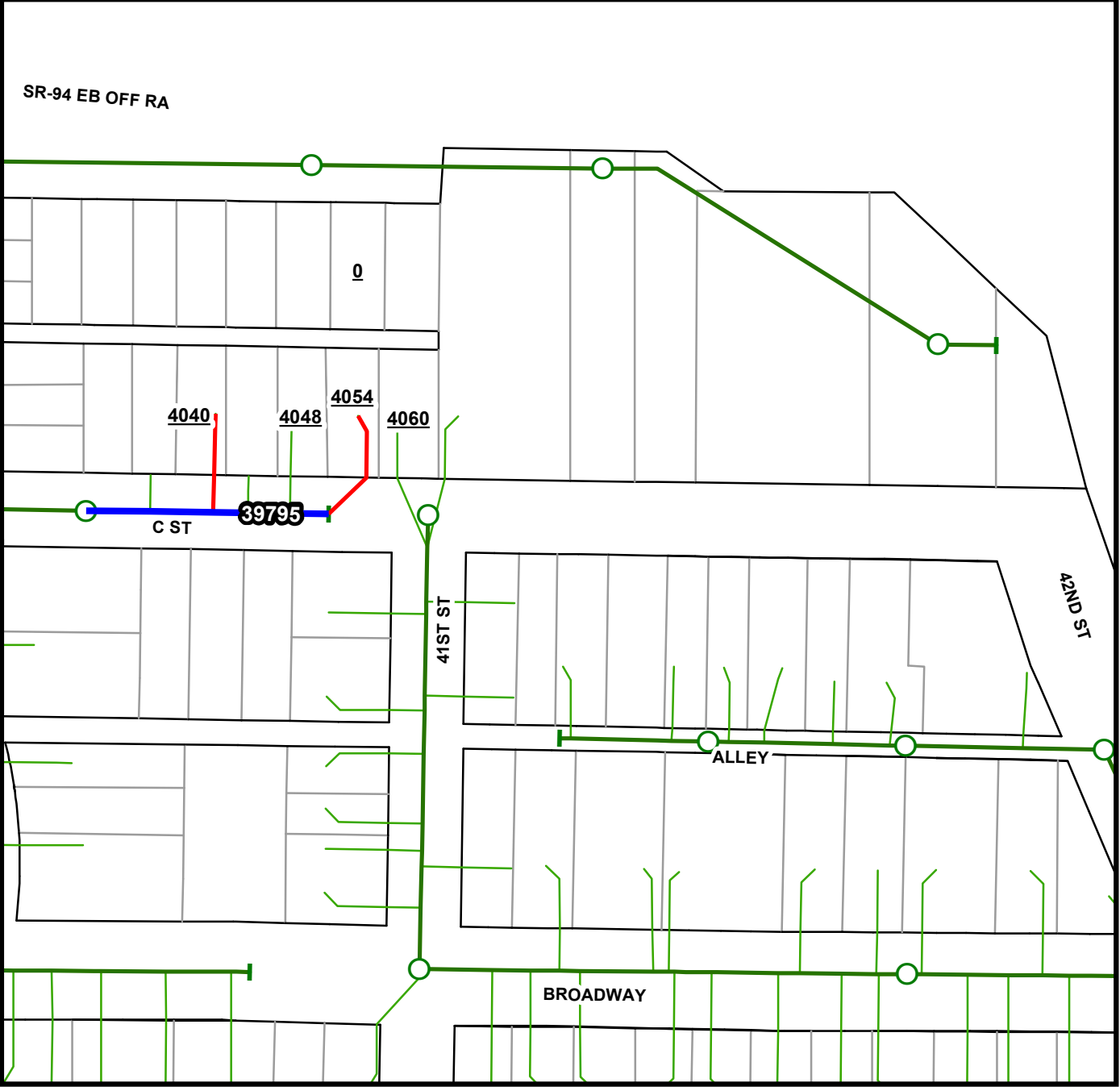
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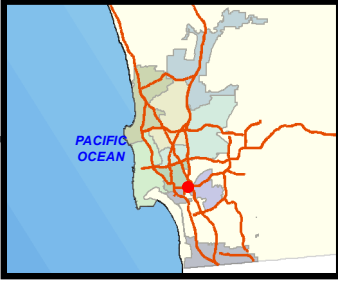
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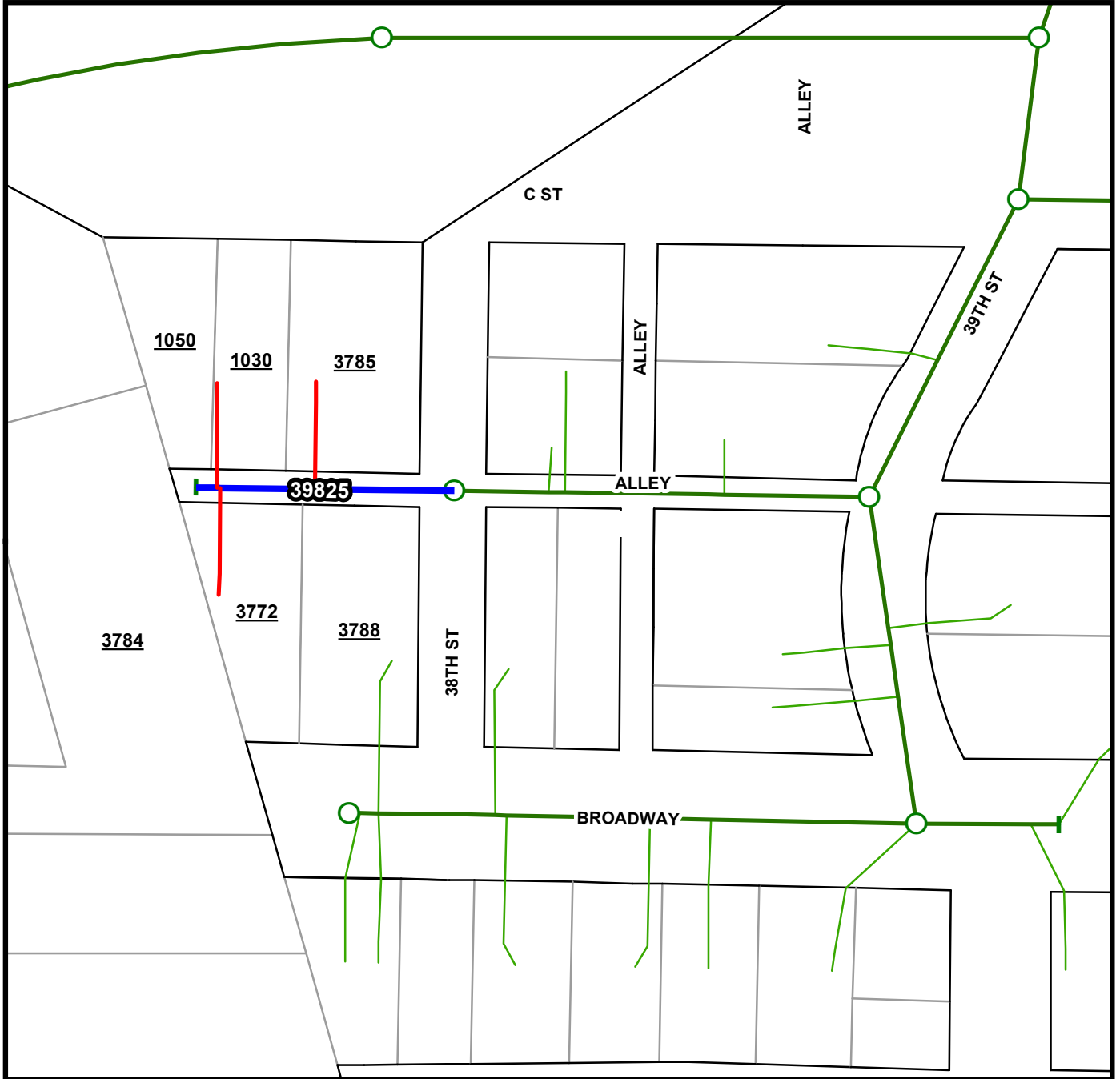
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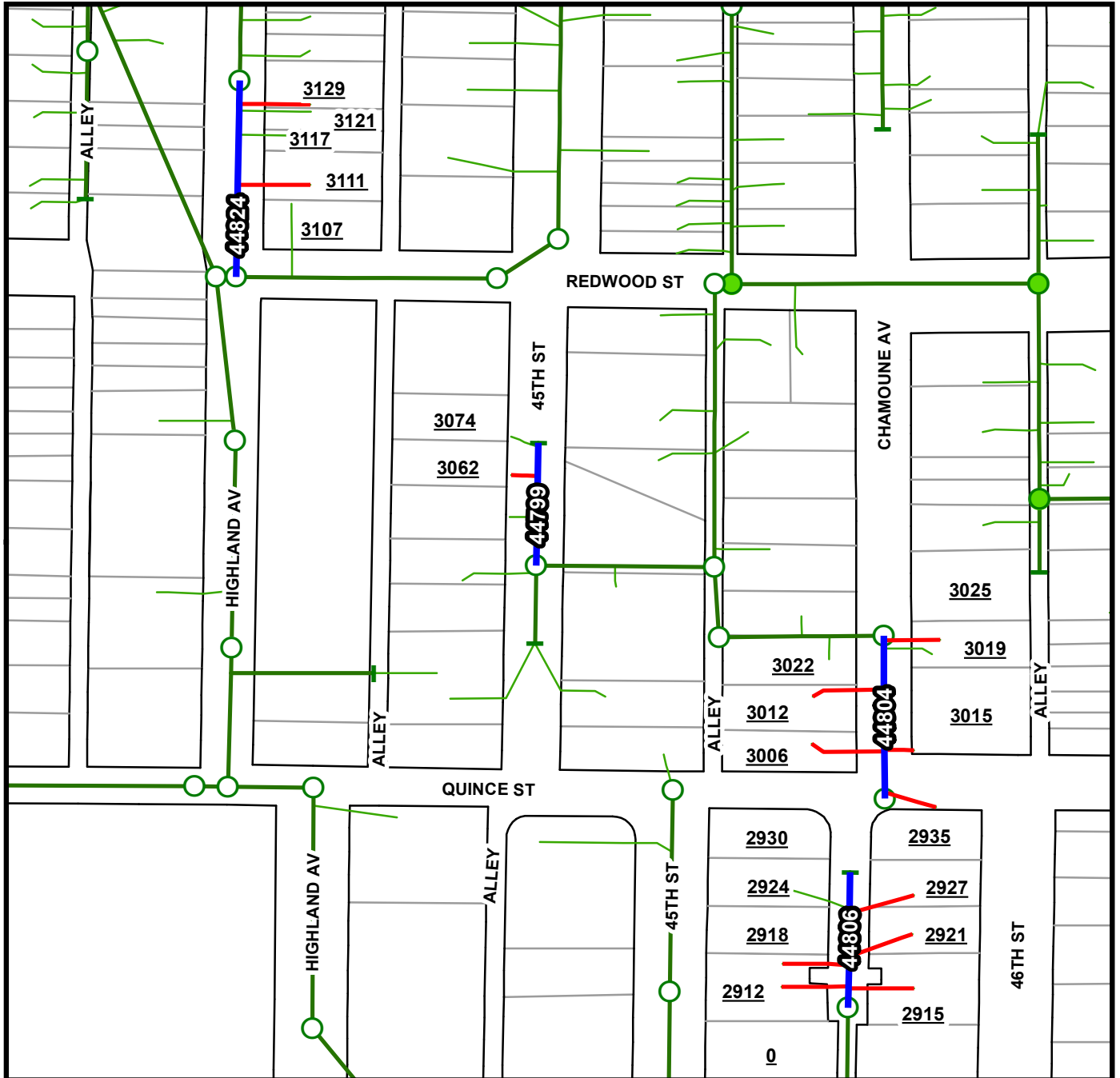
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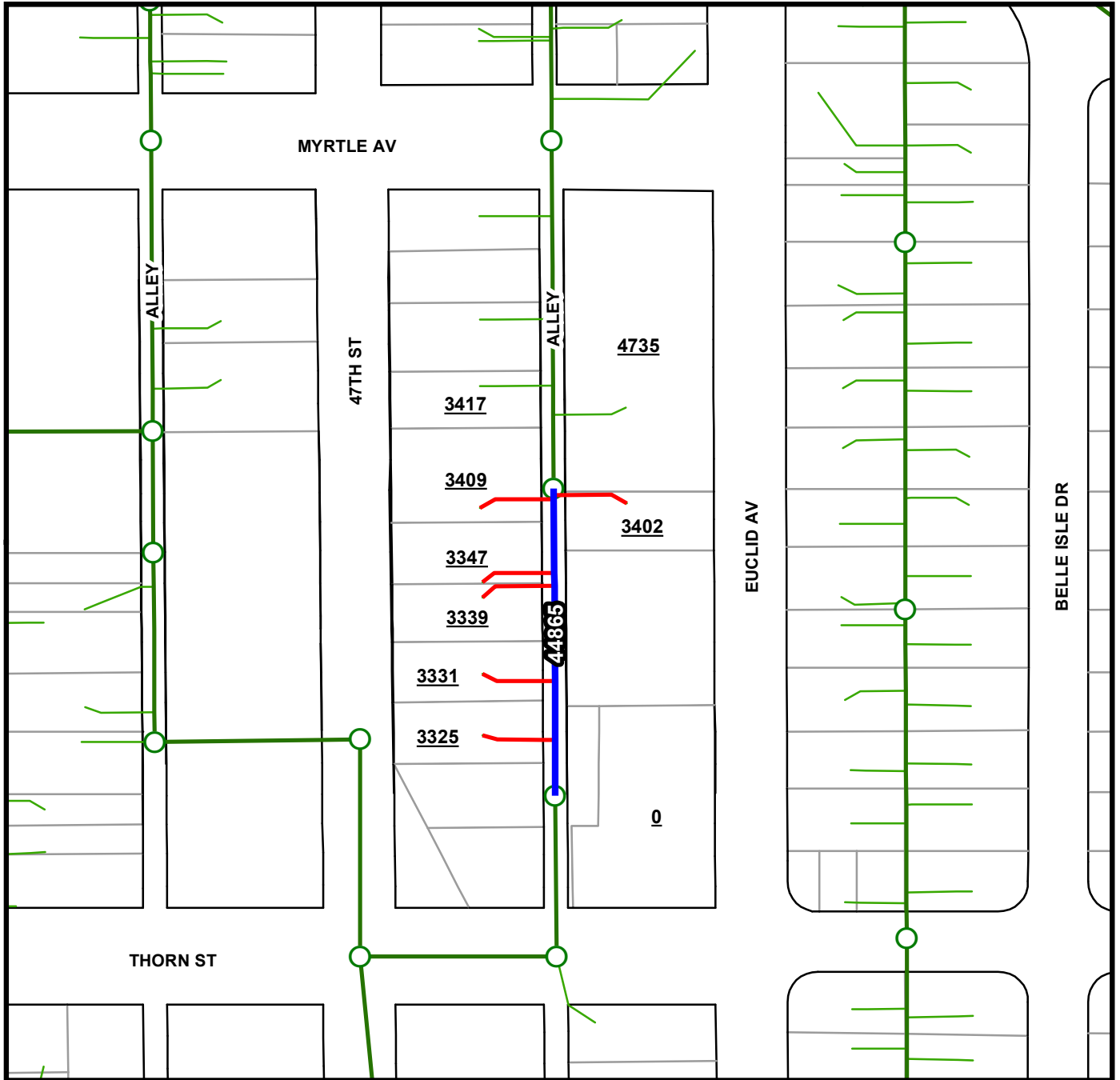
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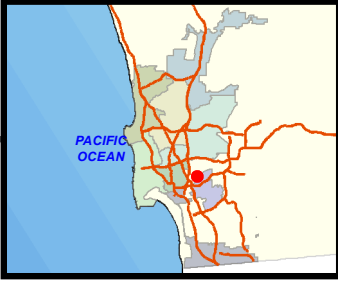
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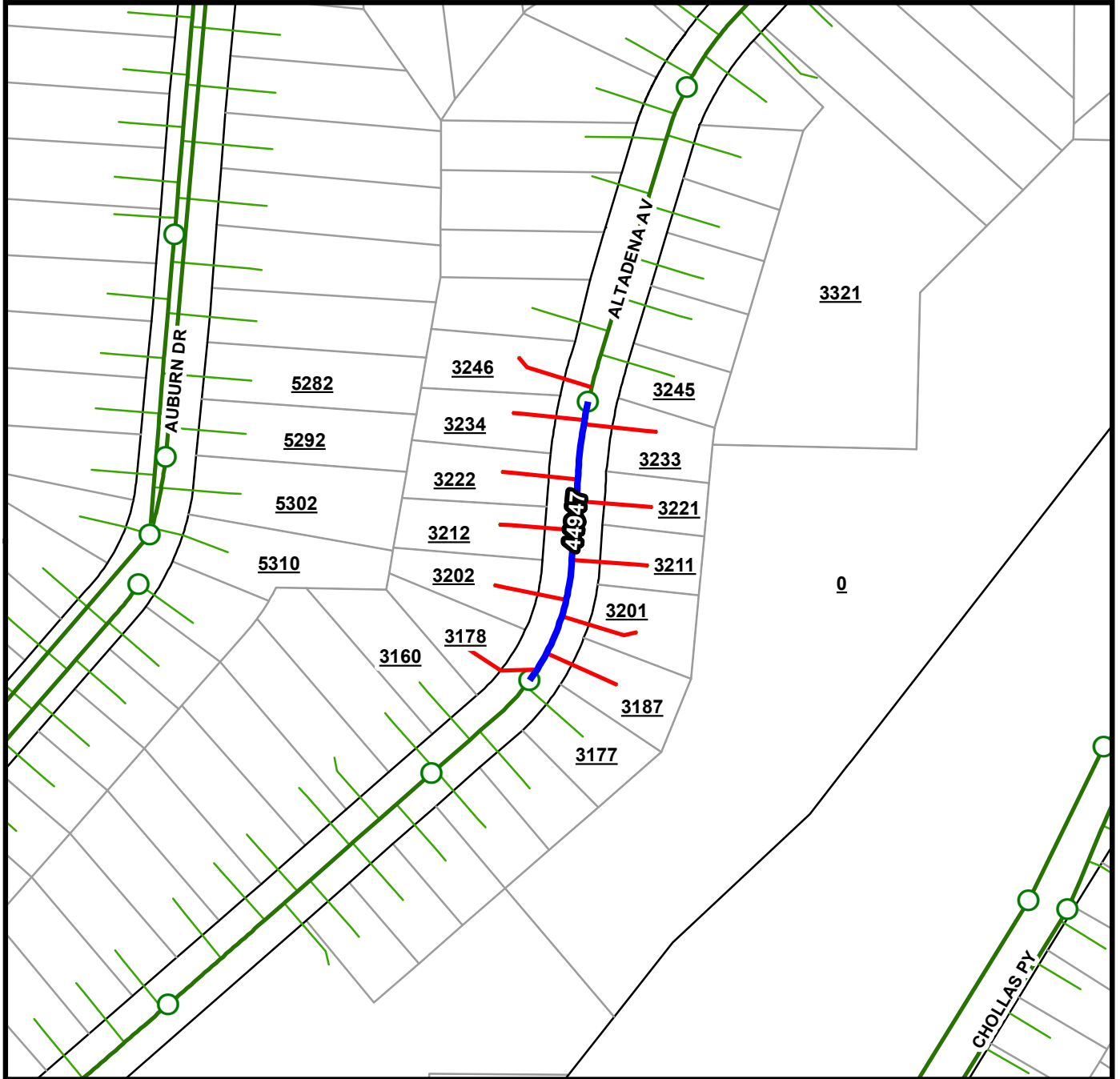
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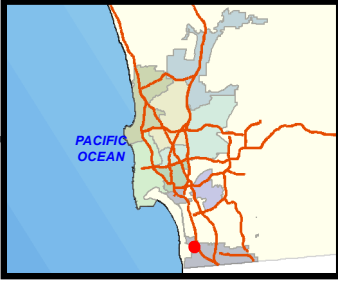
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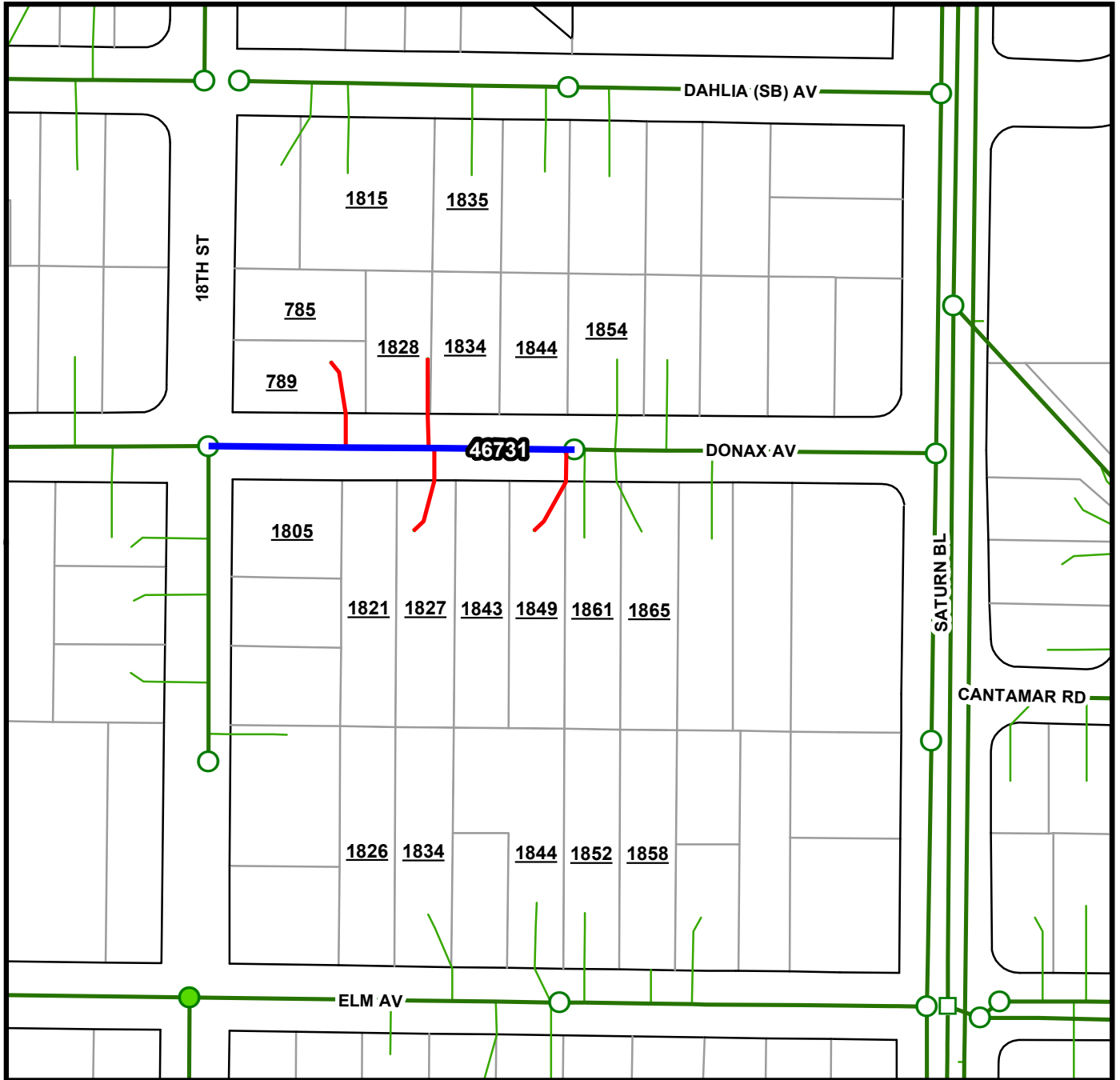
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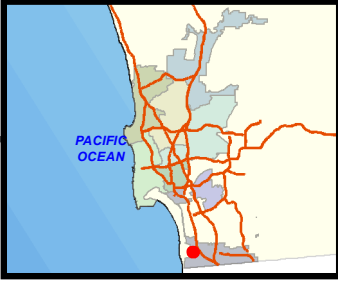
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Pipeline Rehab - Phase G-2 (Laterals)

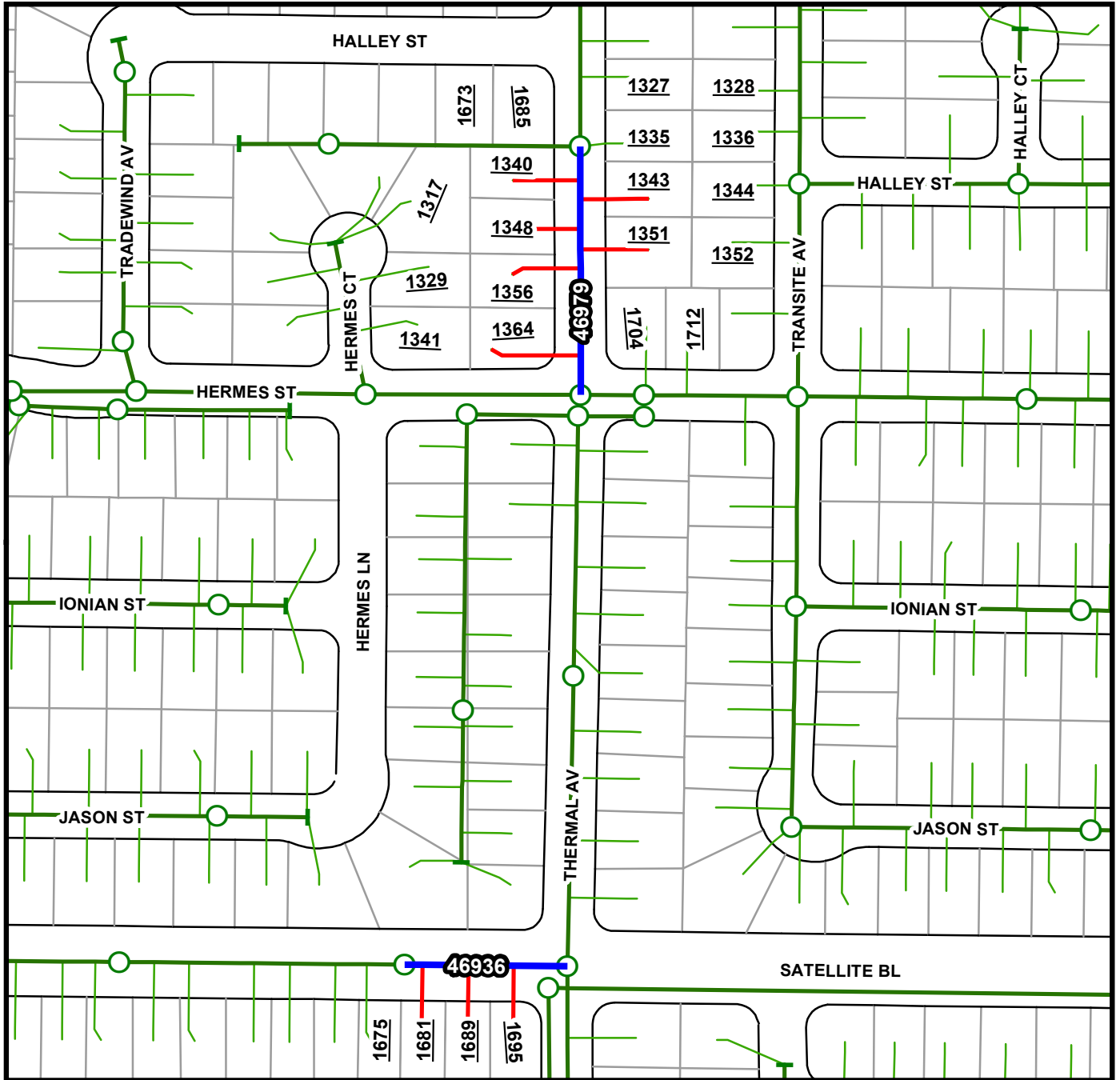
SENIOR ENGINEER
Luis Schaar
619-533-7492

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Laila Nasrawi
619-533-4619



PROJECT ENGINEER
Lotus Lenguyen
619-533-4626

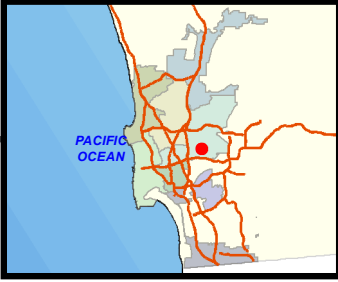
CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207



Legend

- G2 Mains
- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

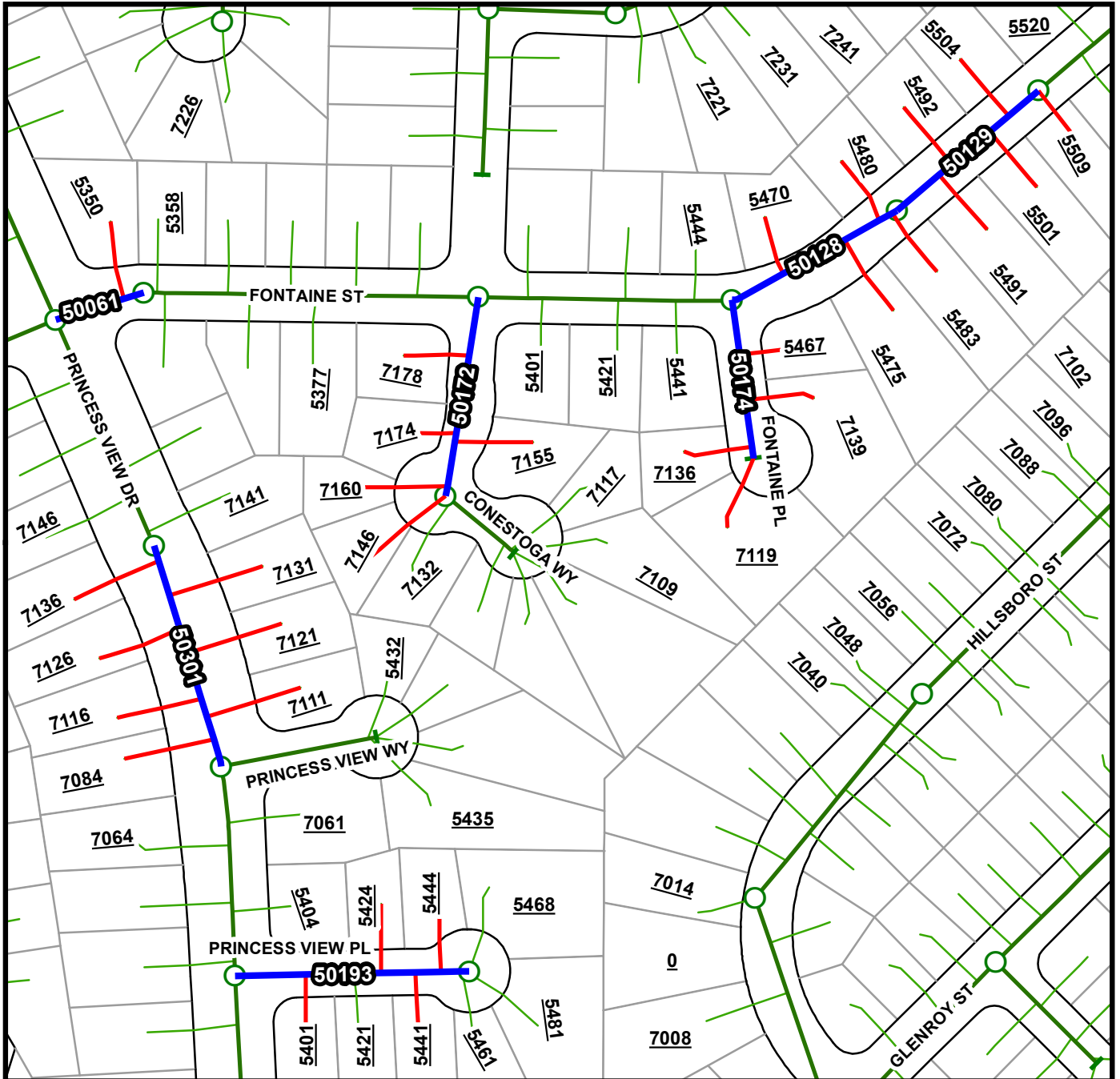
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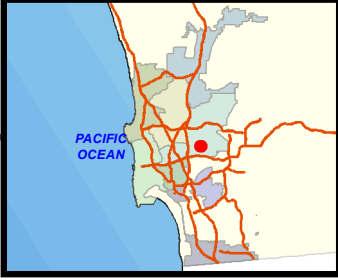
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Pipeline Rehab - Phase G-2 (Laterals)

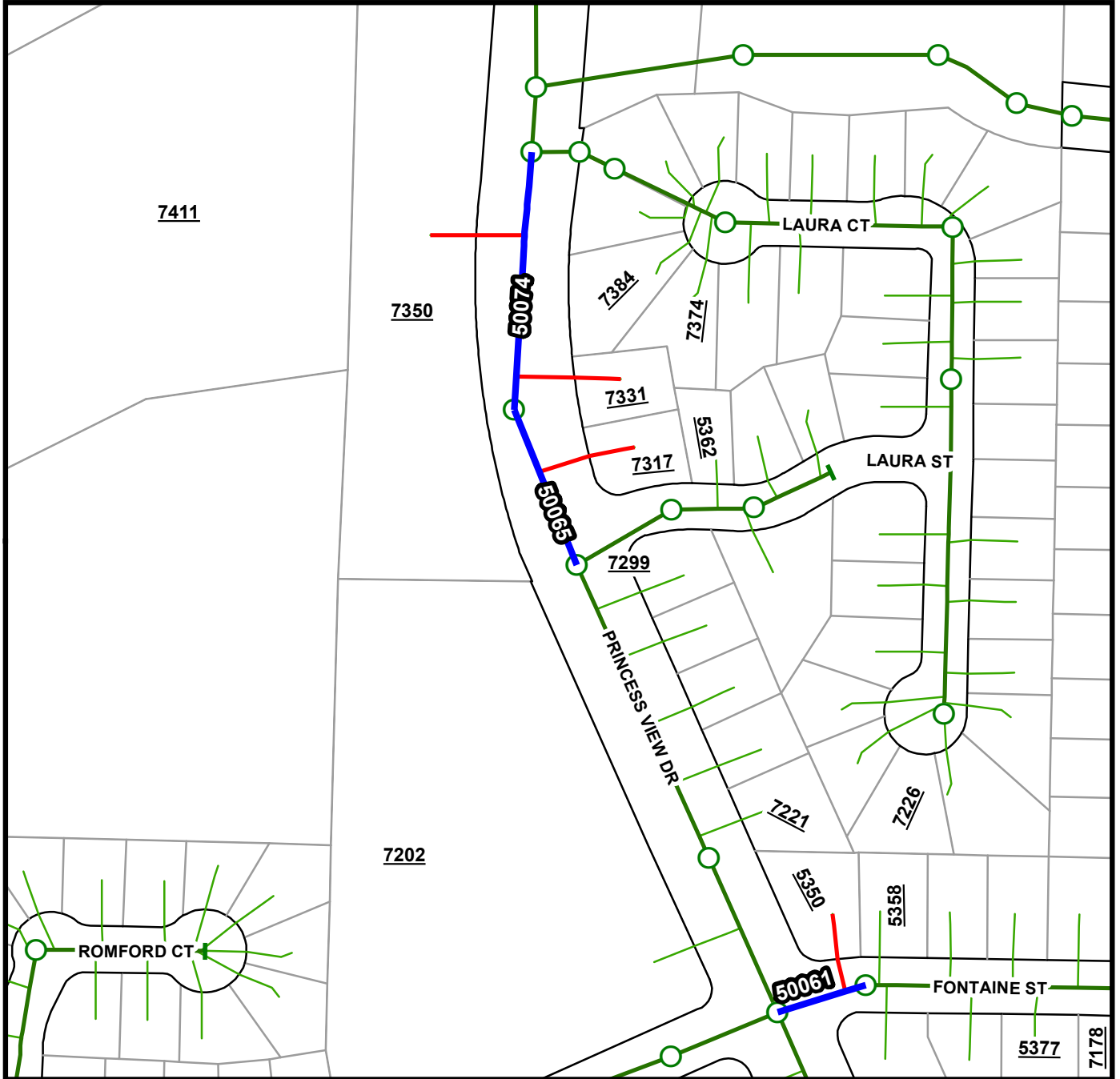
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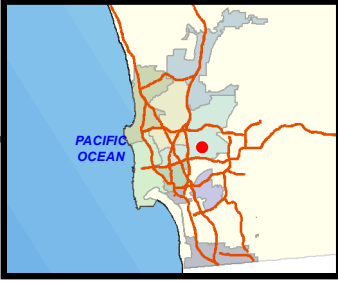
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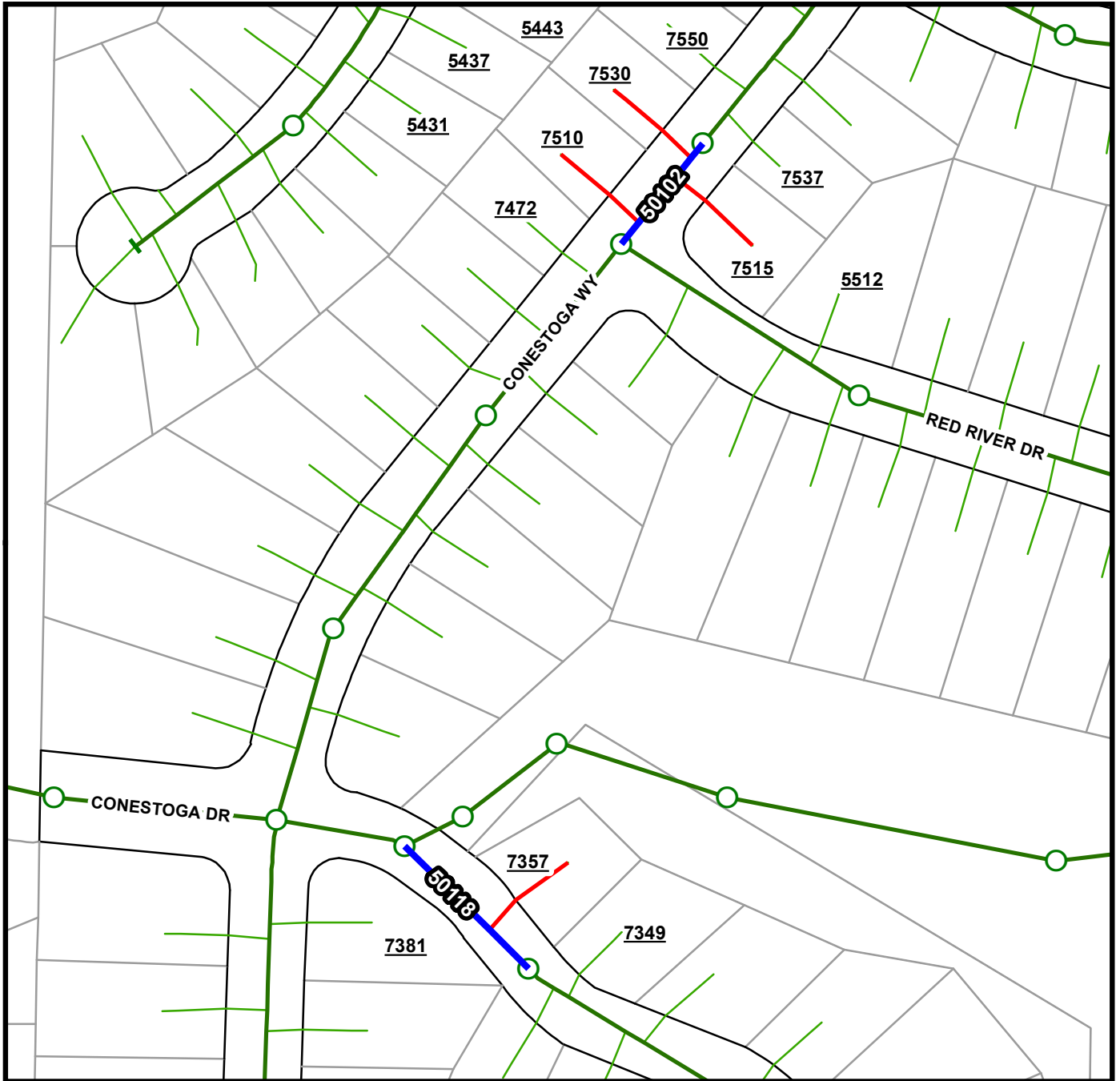
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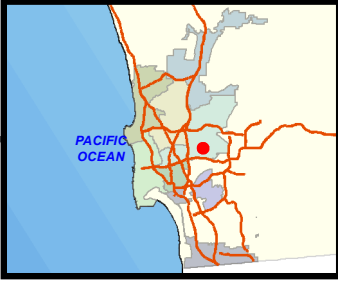
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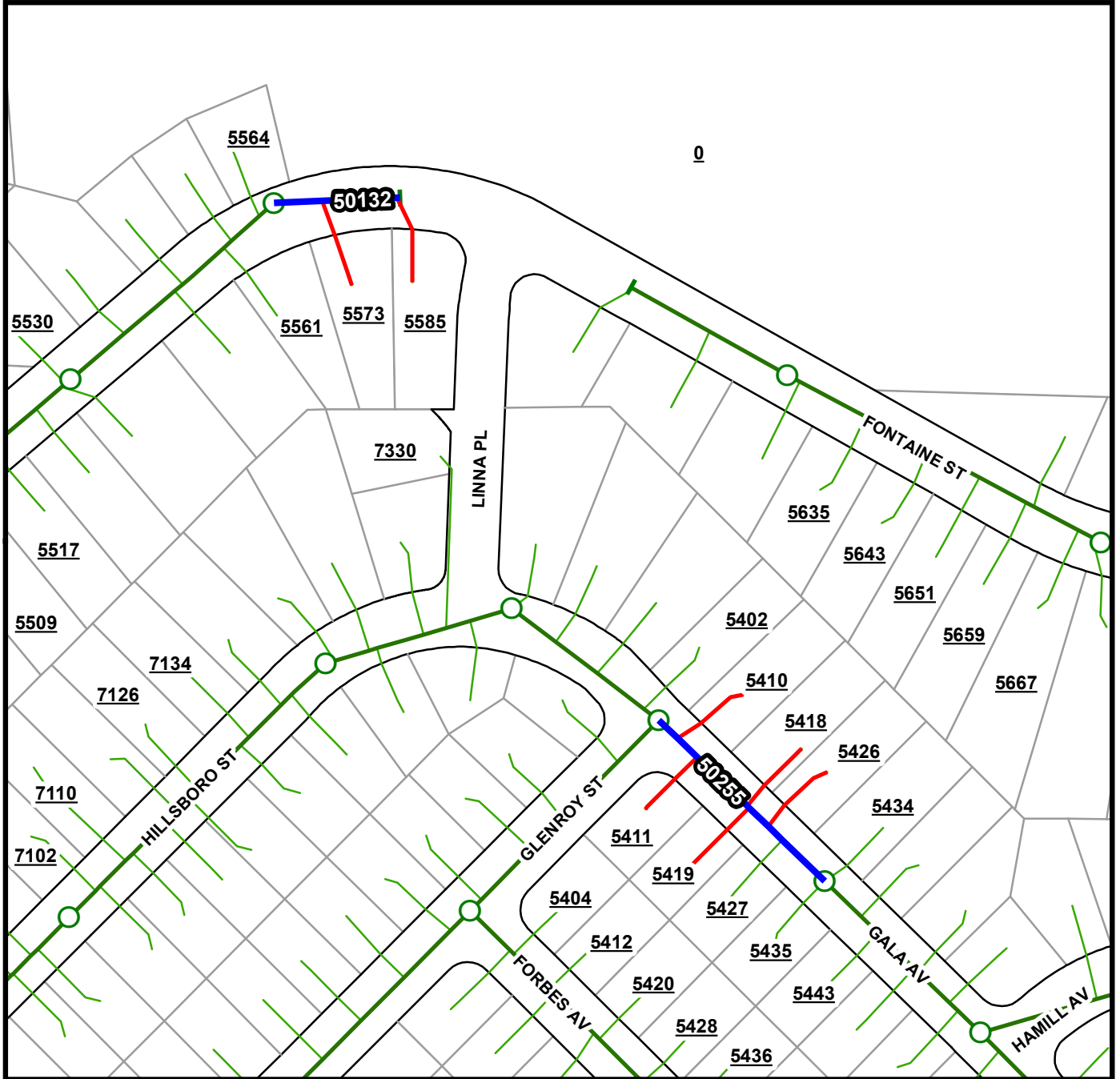
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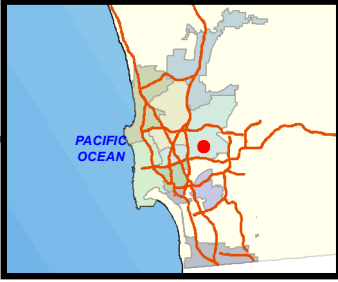
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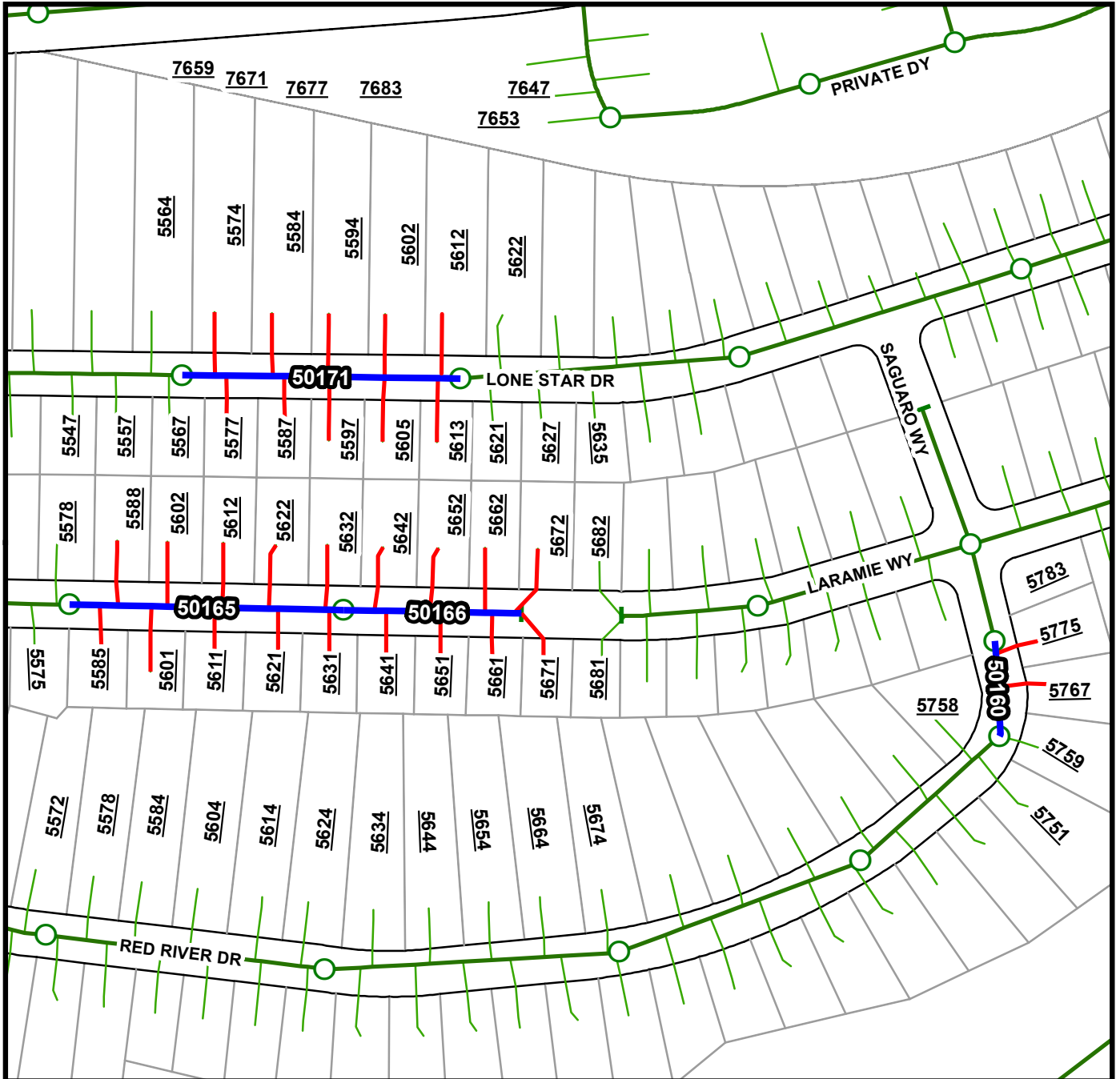
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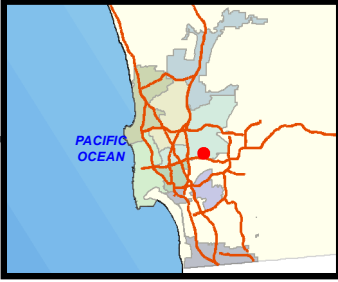
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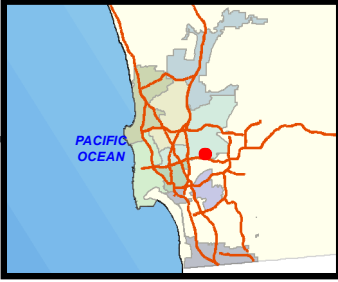
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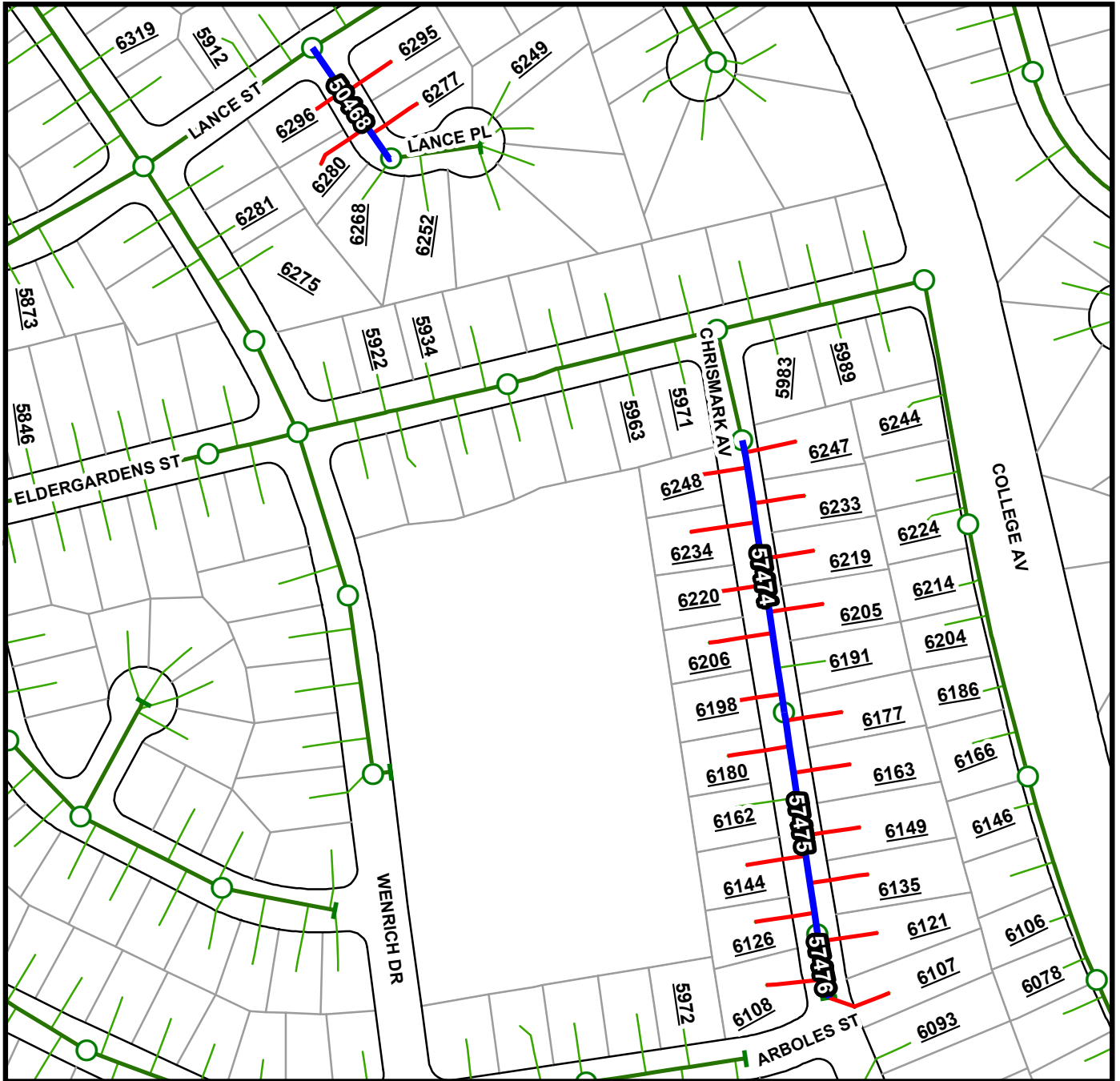
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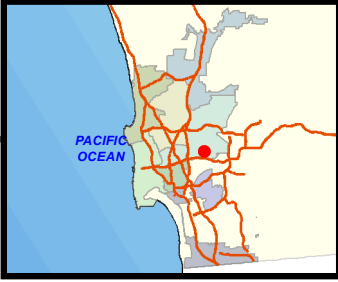
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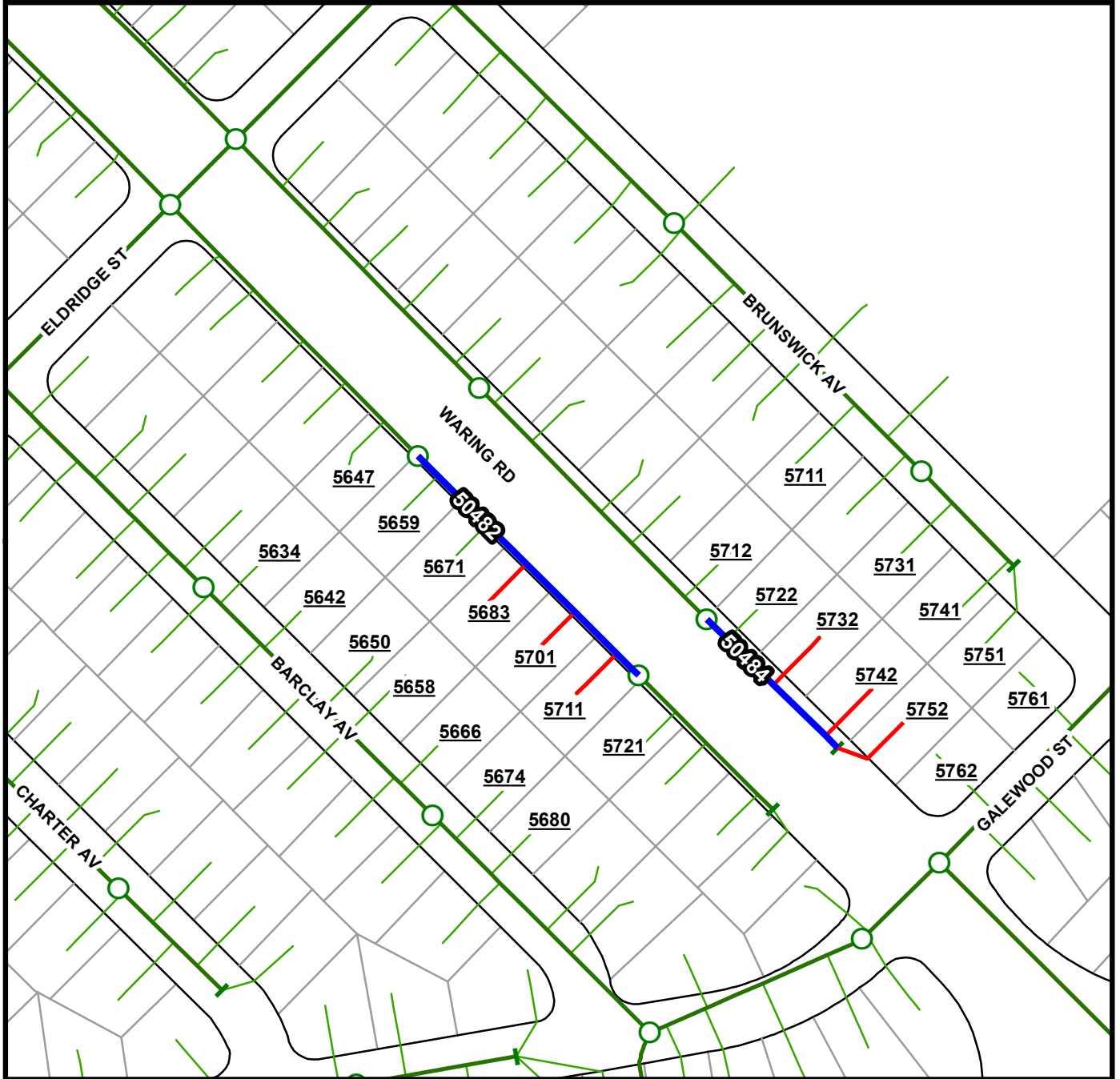
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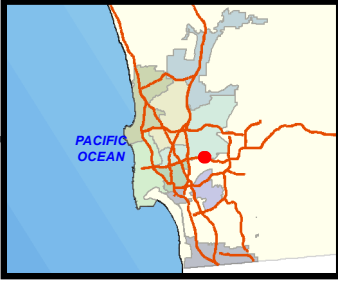
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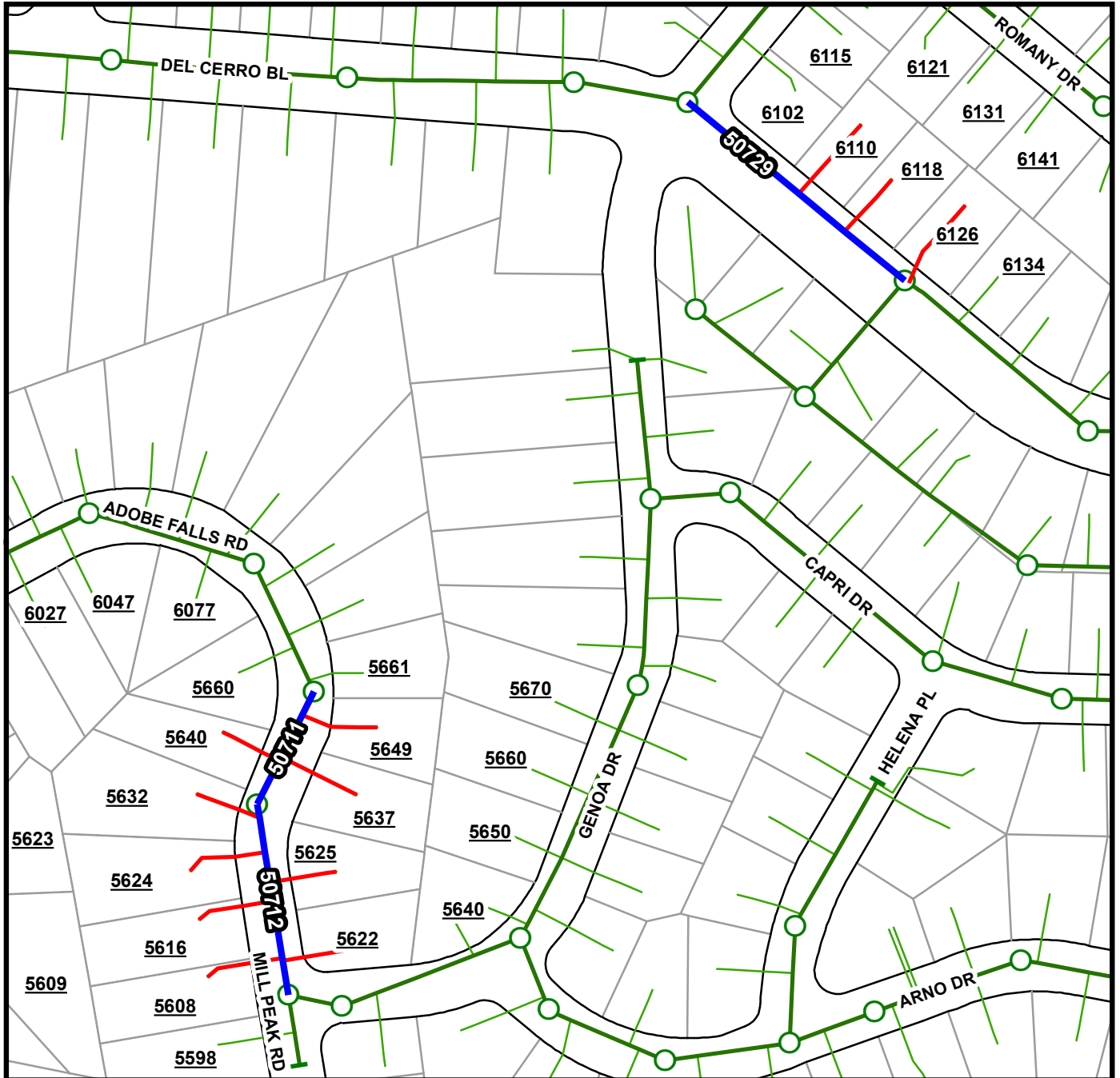
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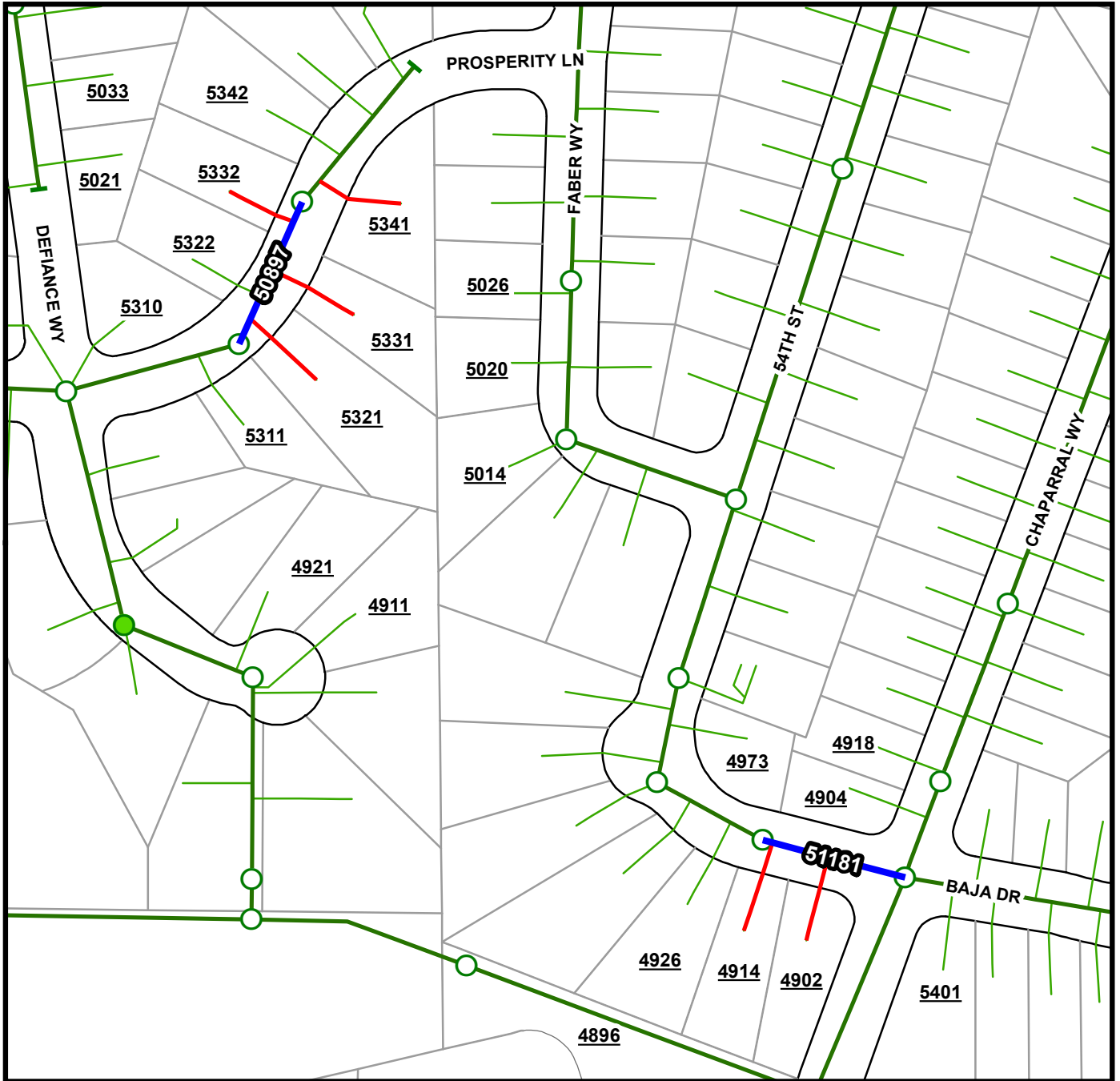
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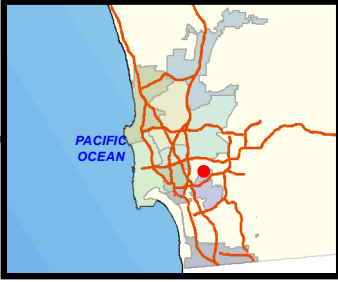
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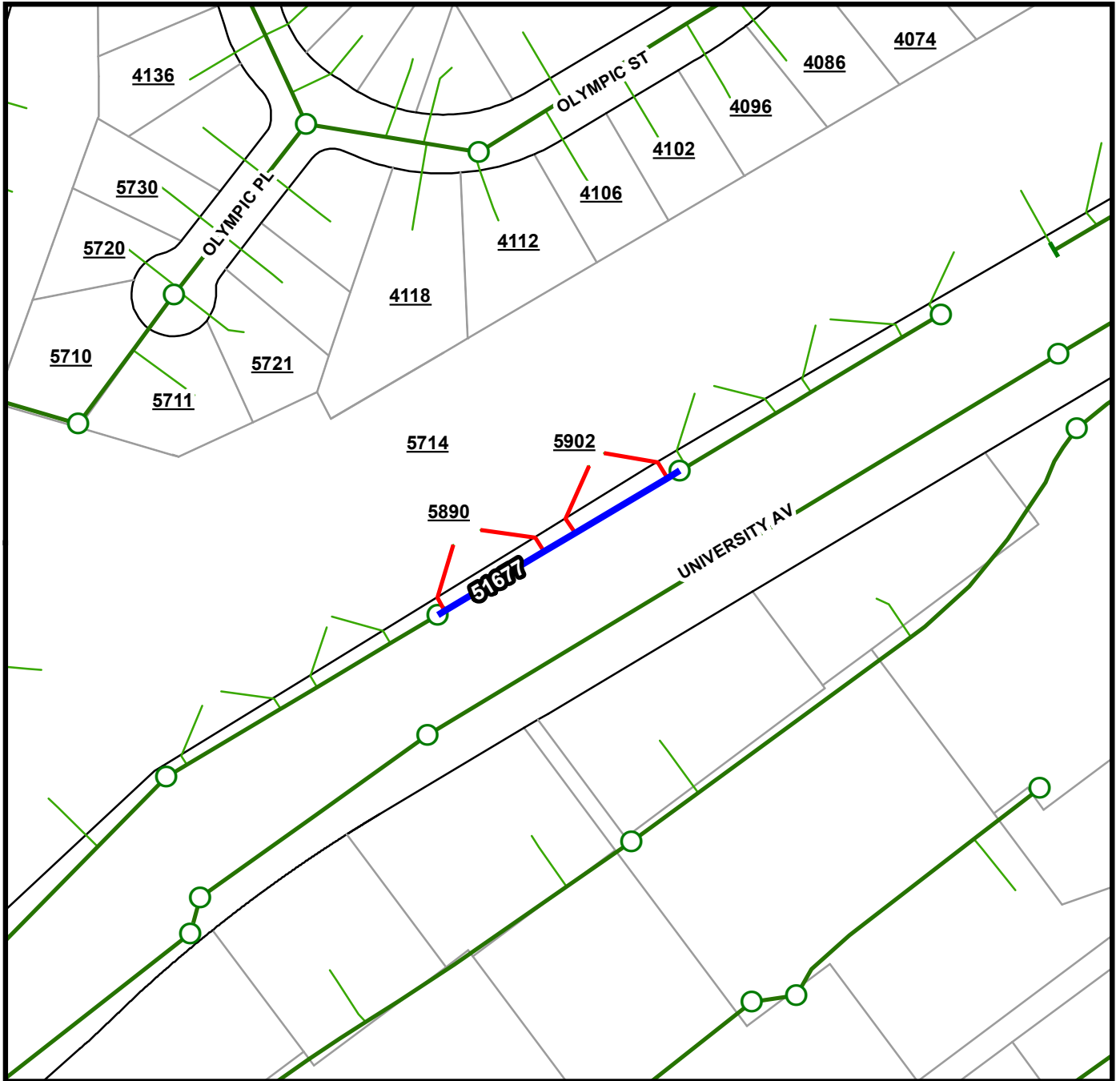
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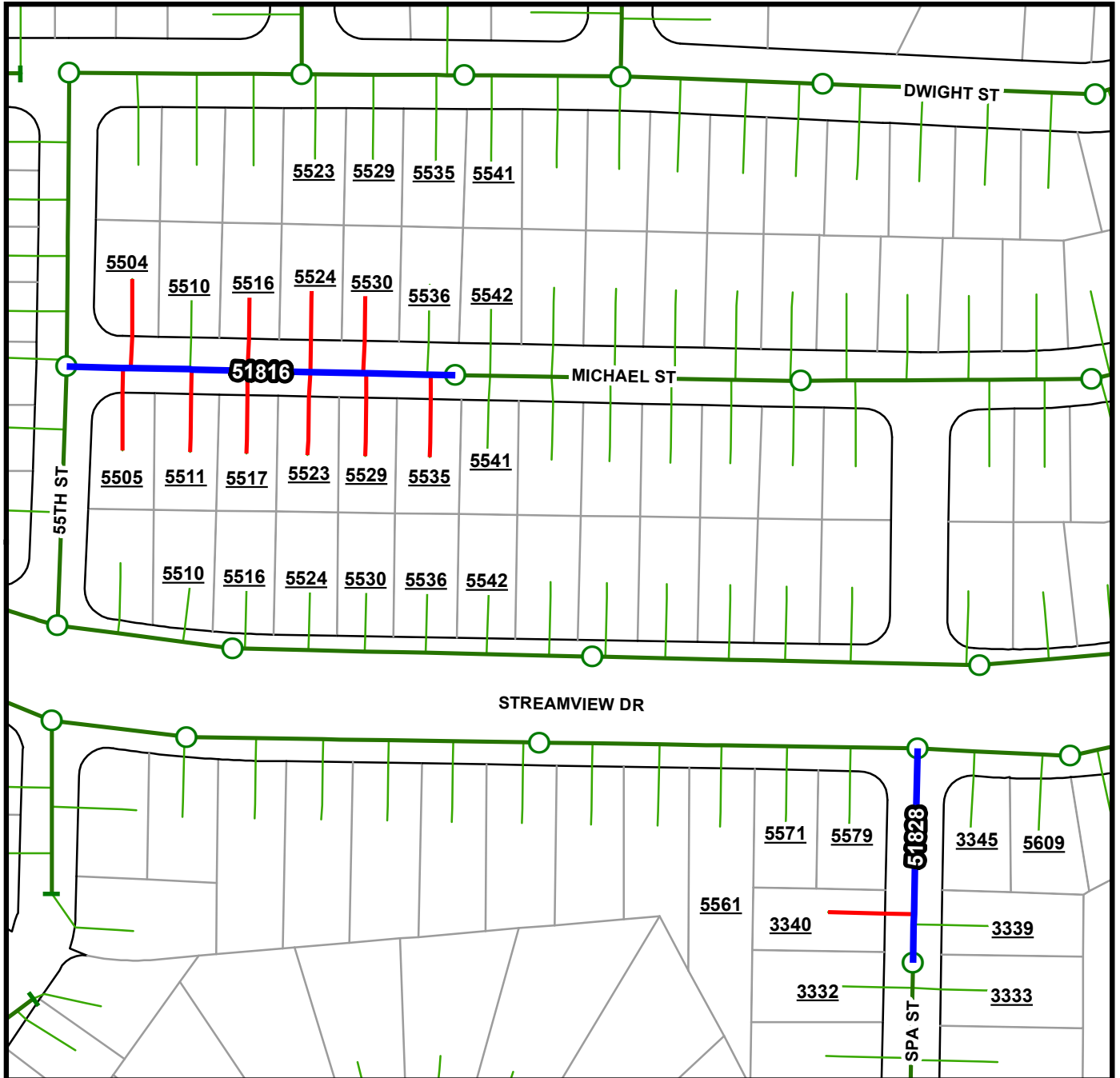
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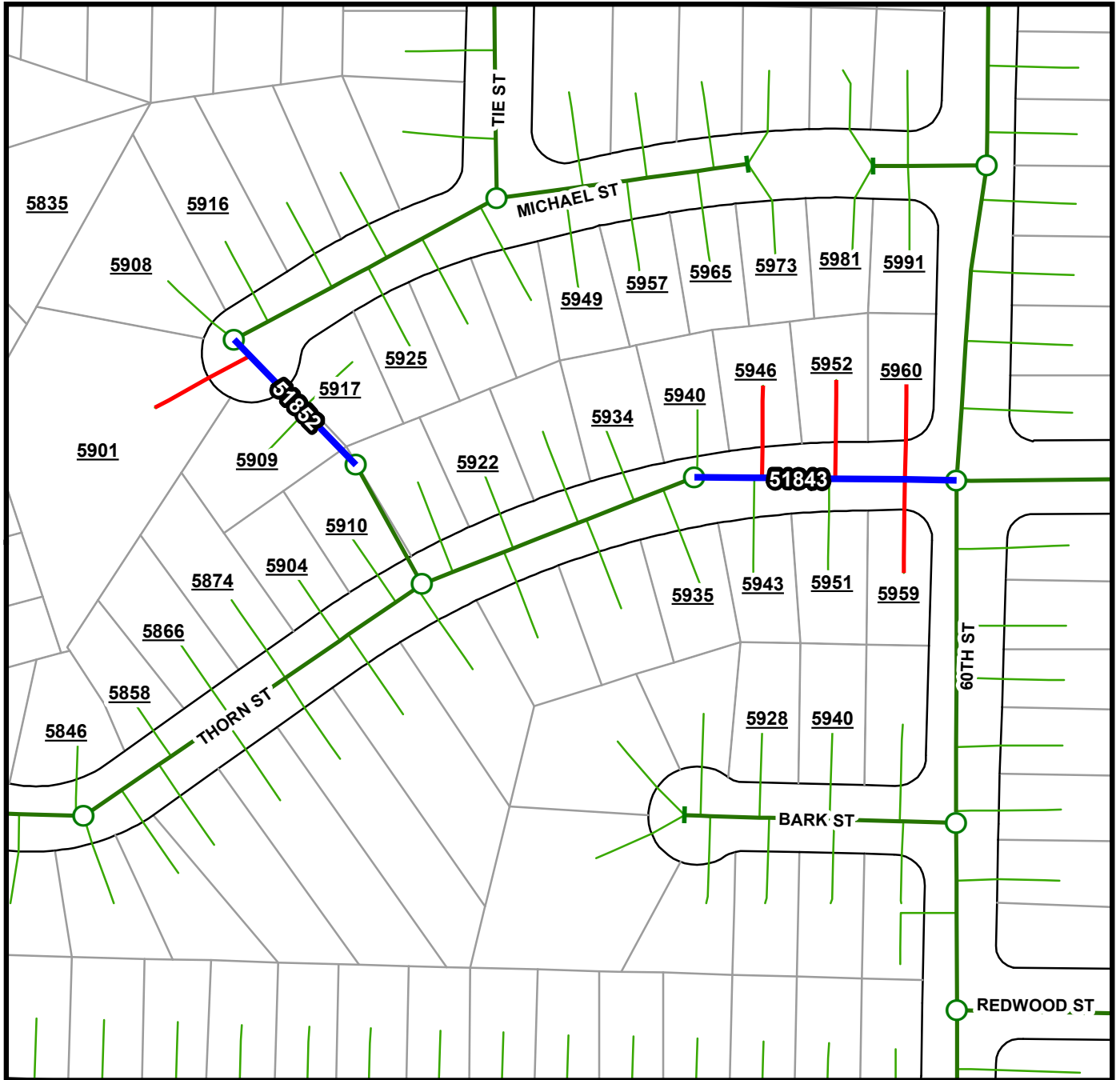
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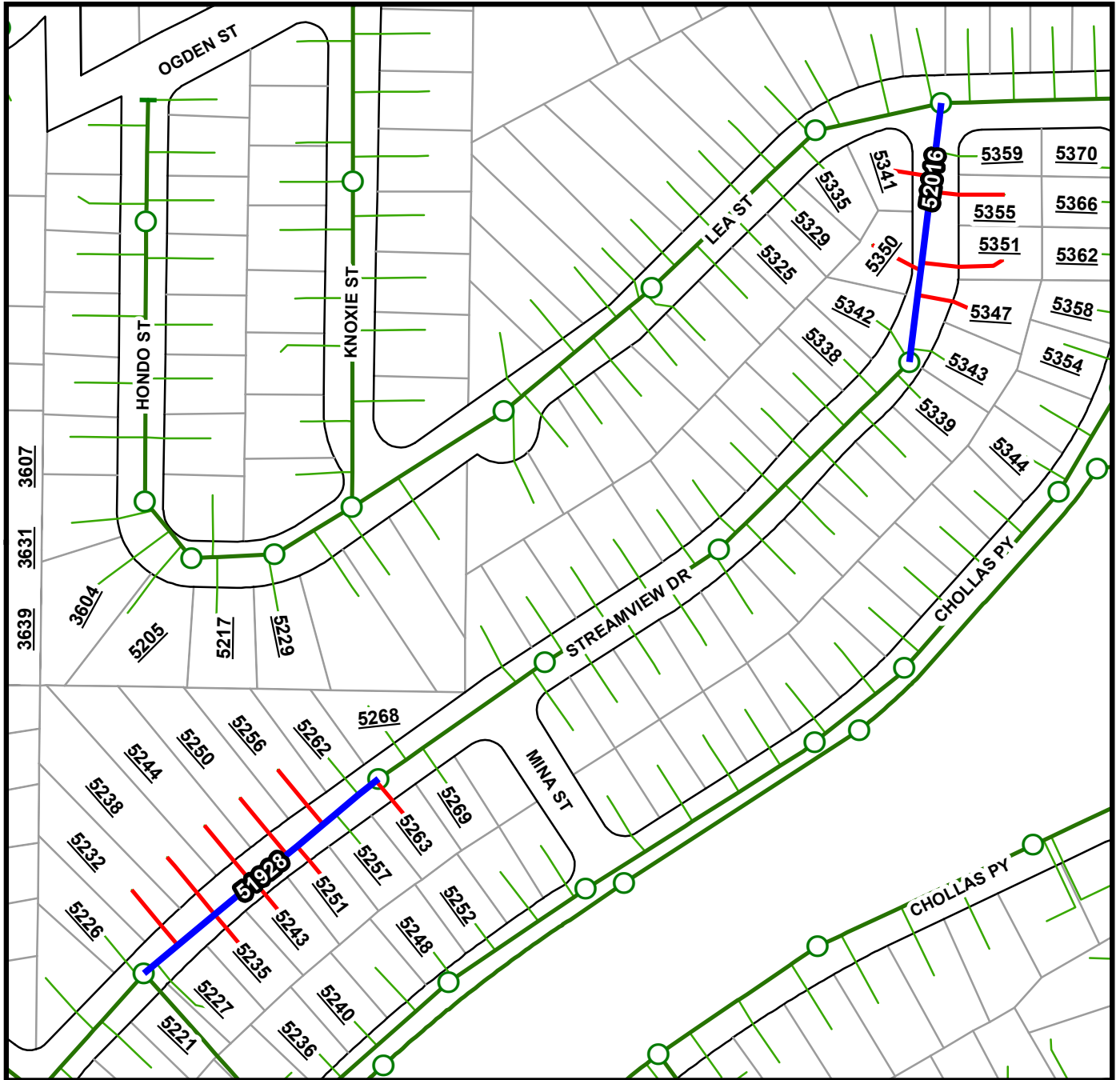
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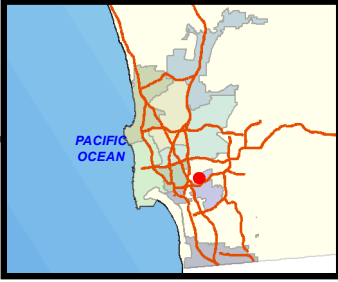
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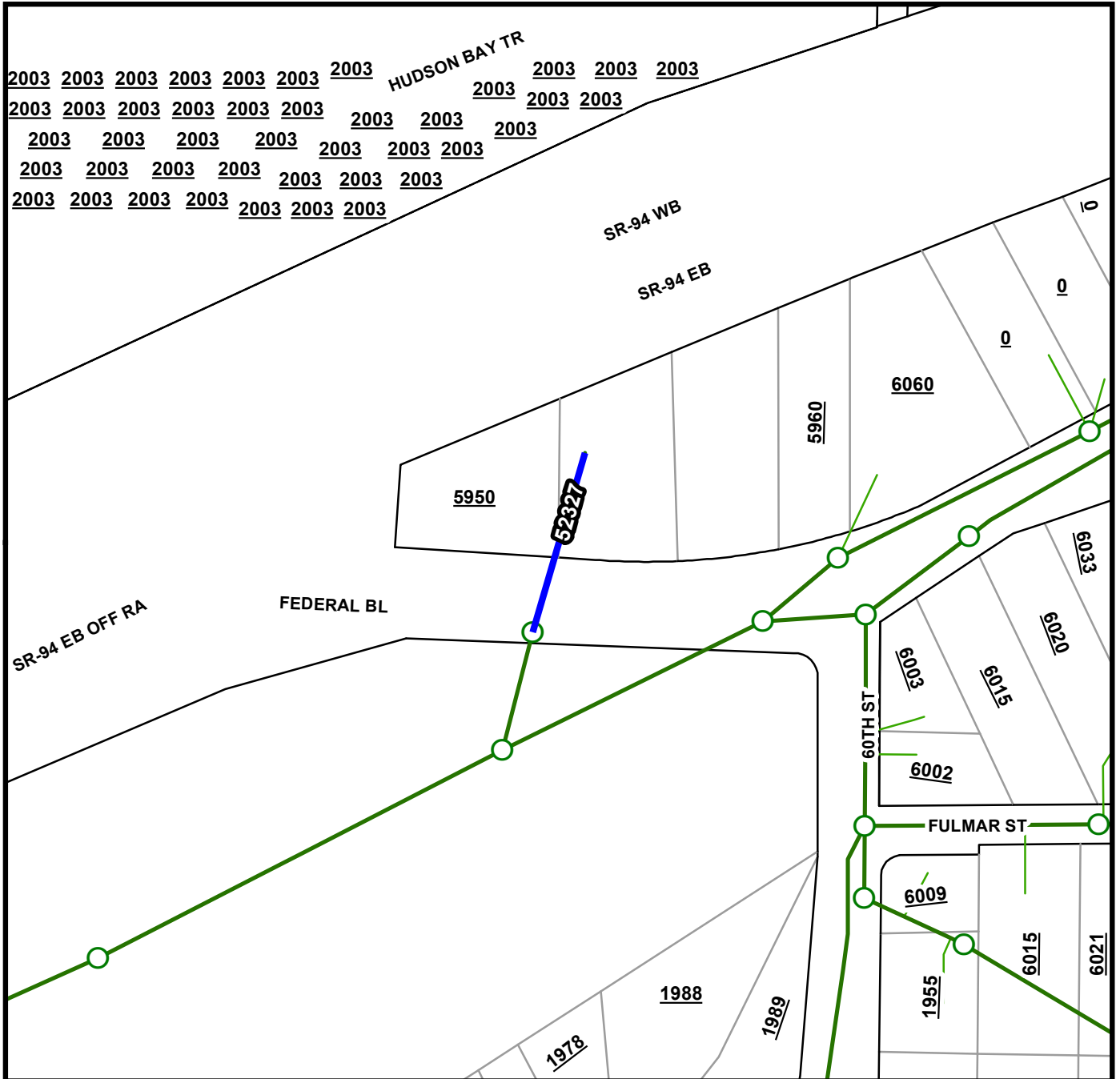
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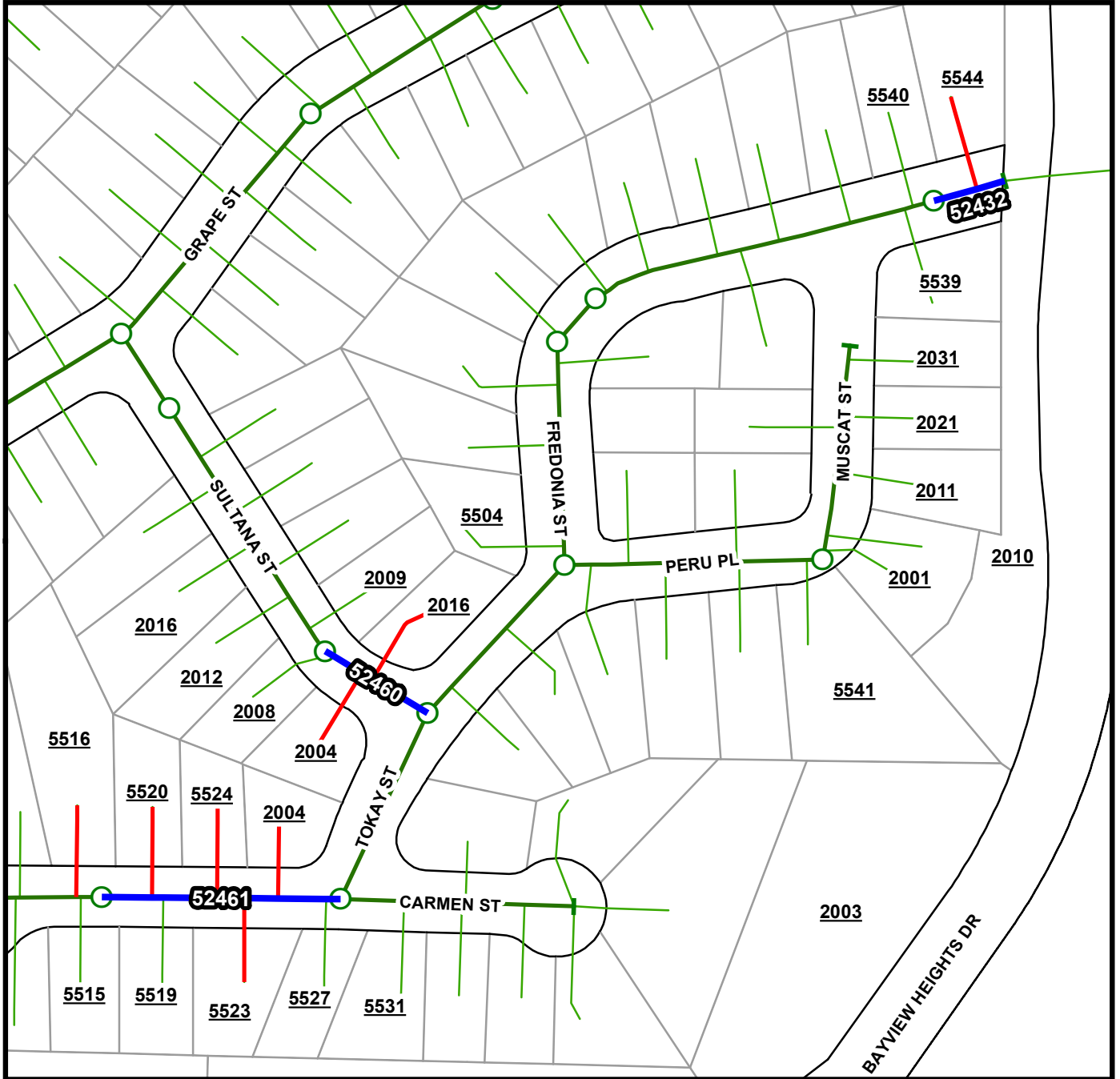
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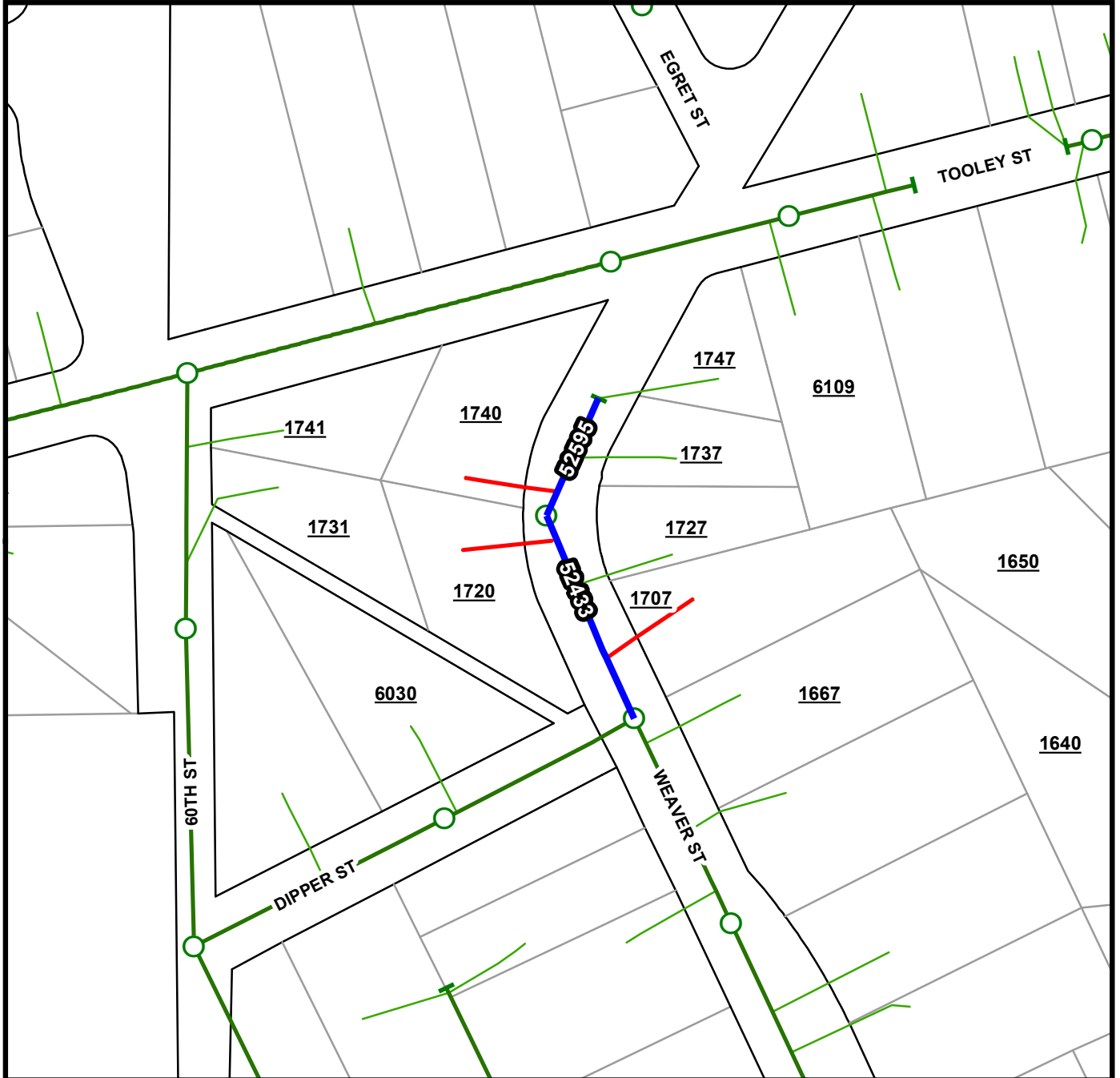
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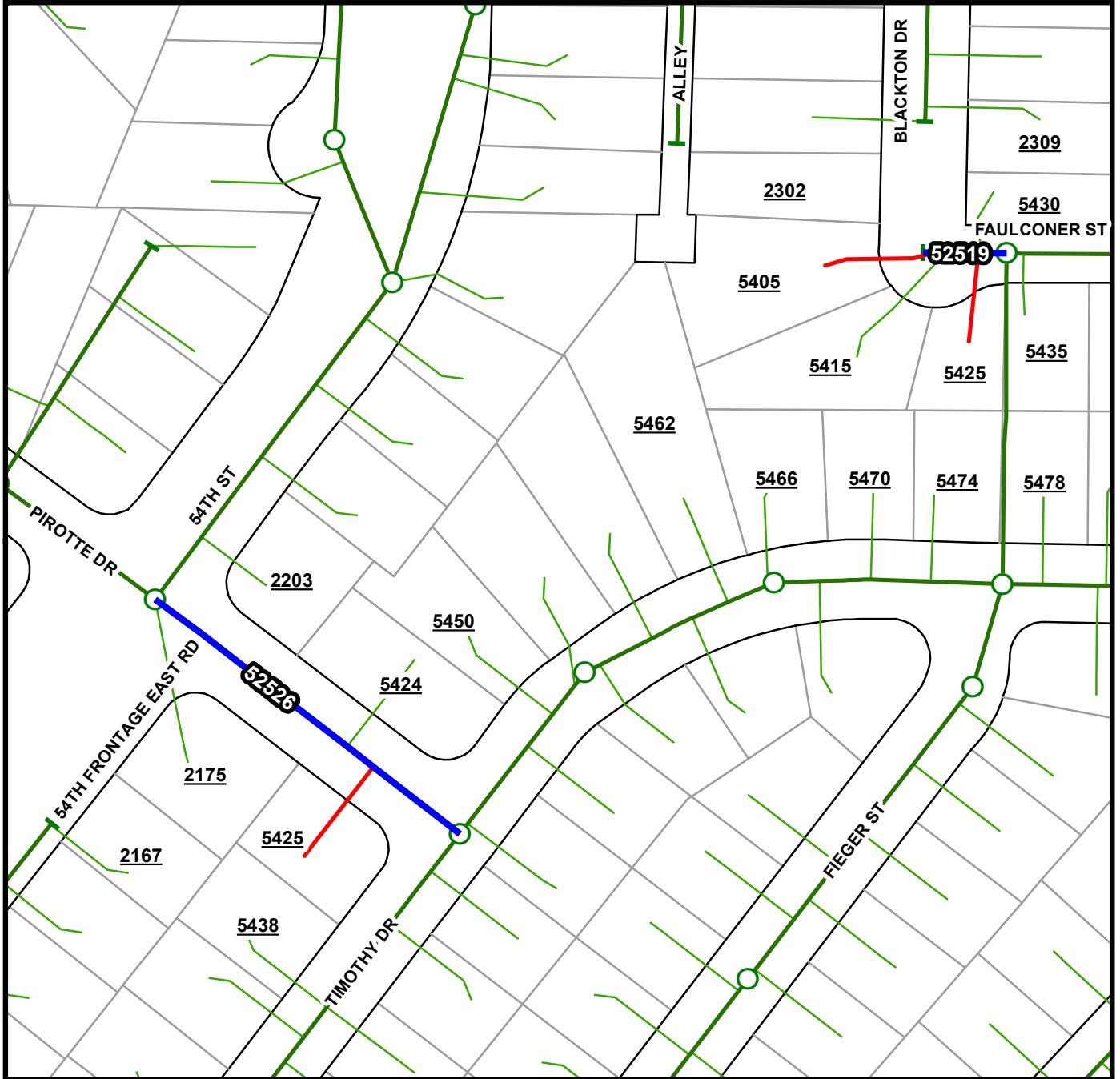
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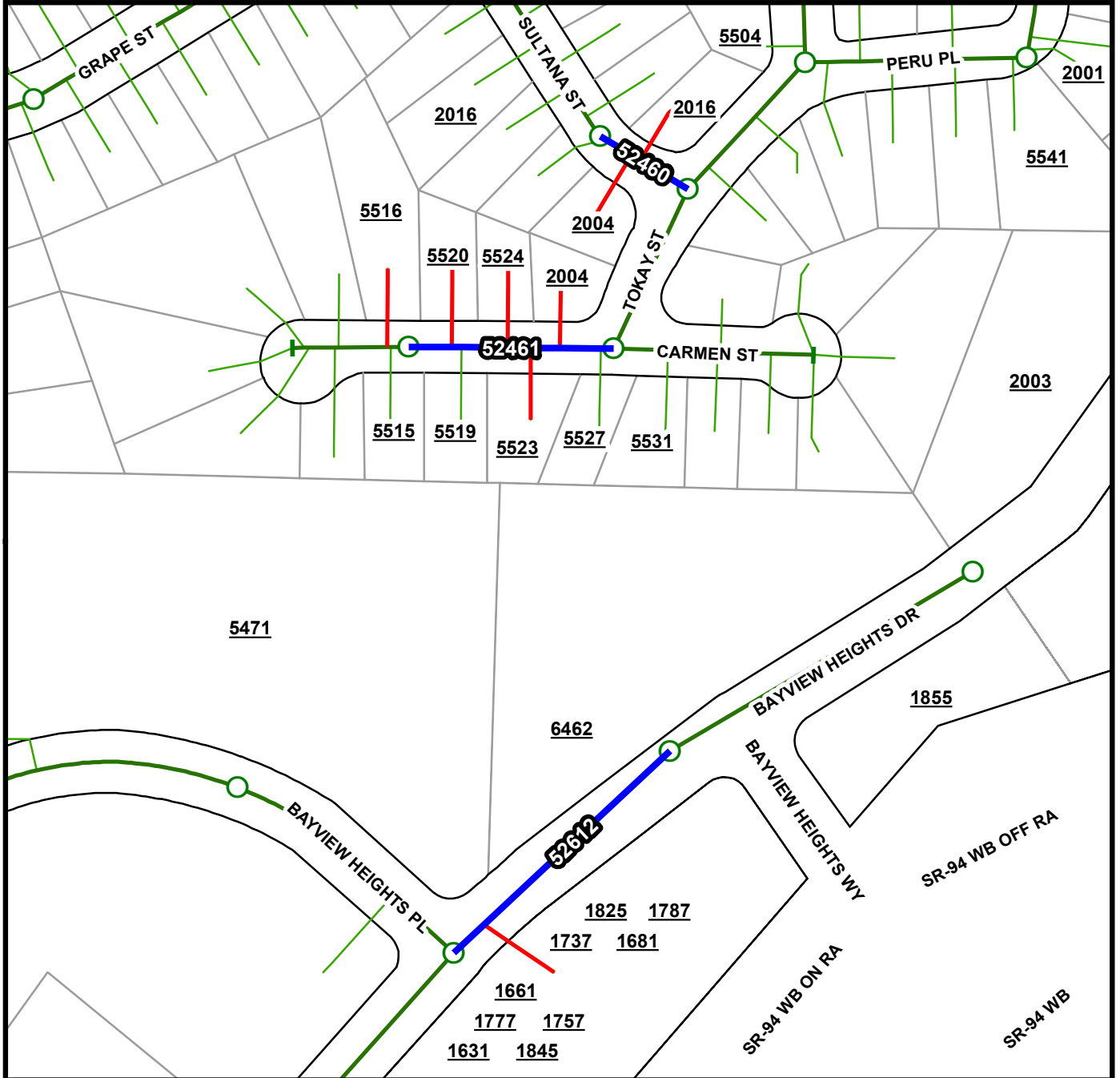
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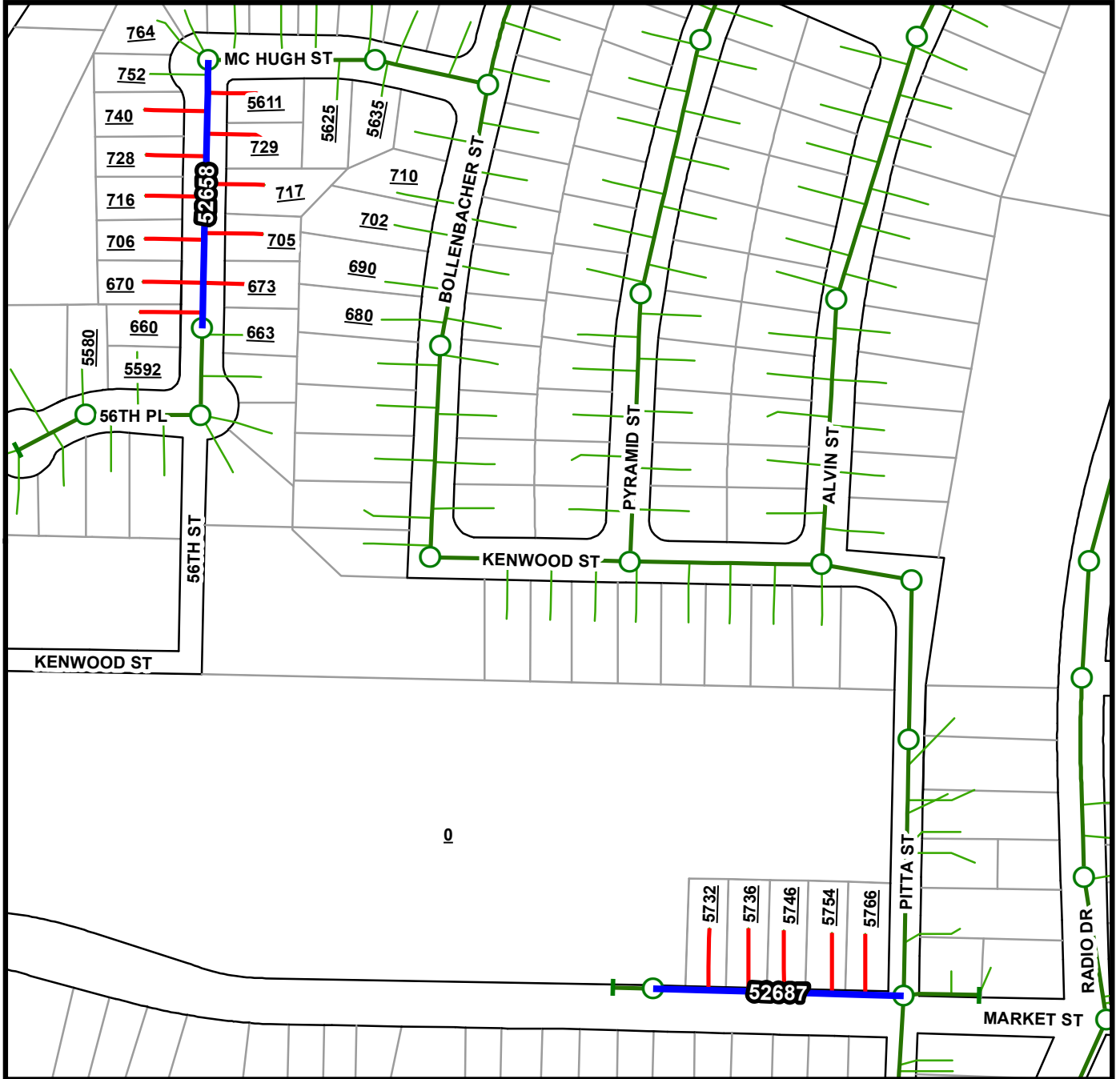
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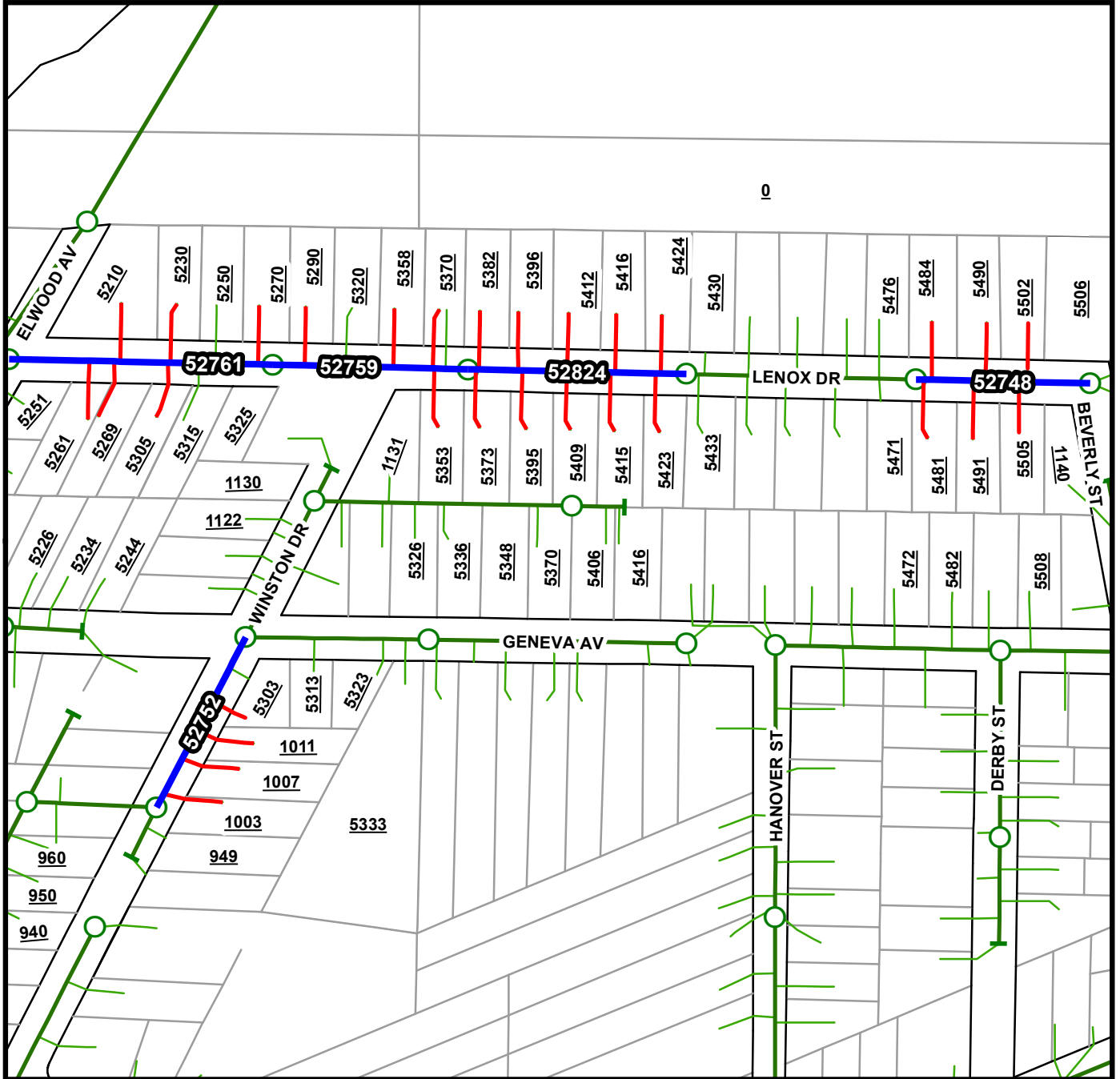
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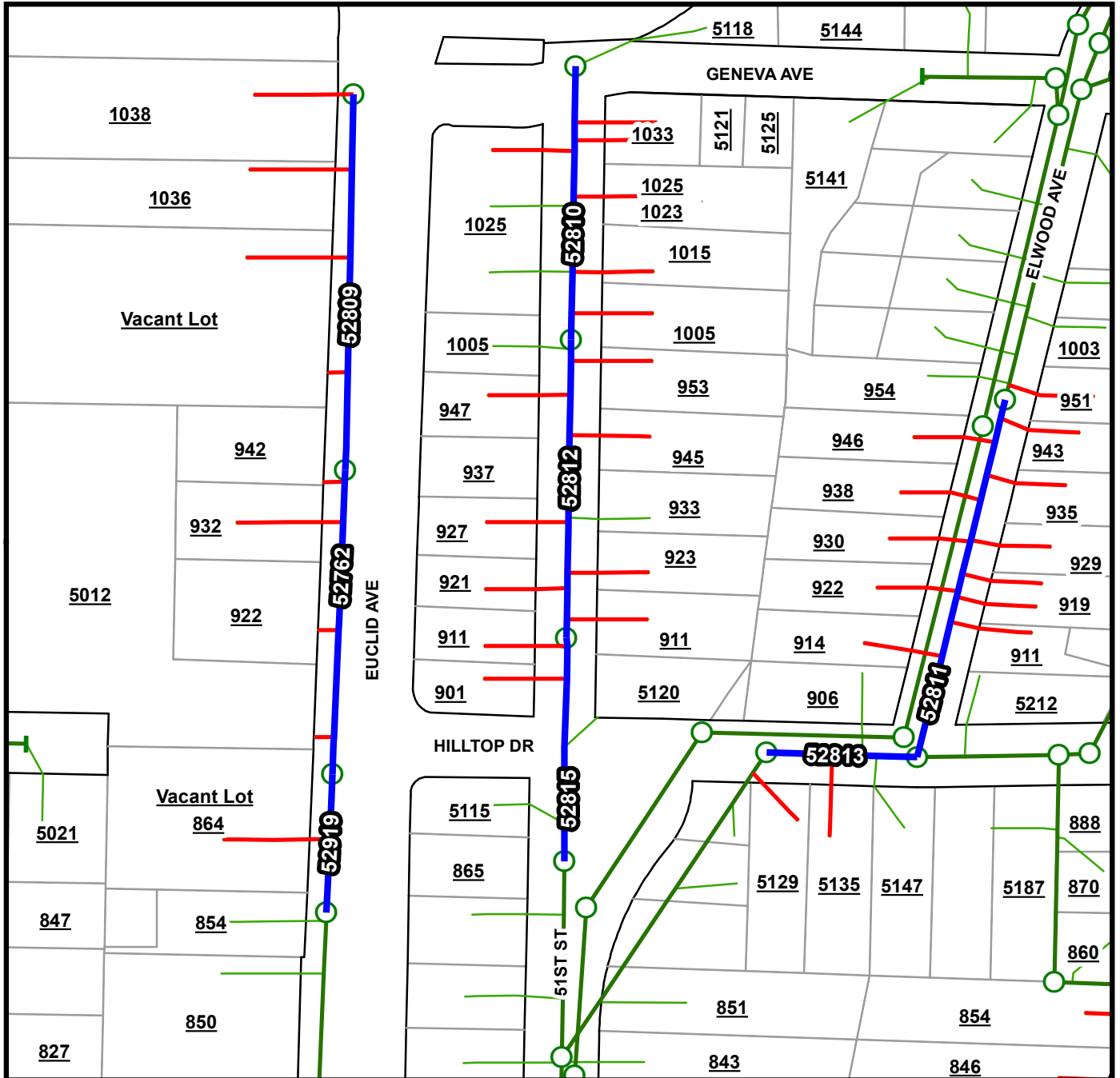
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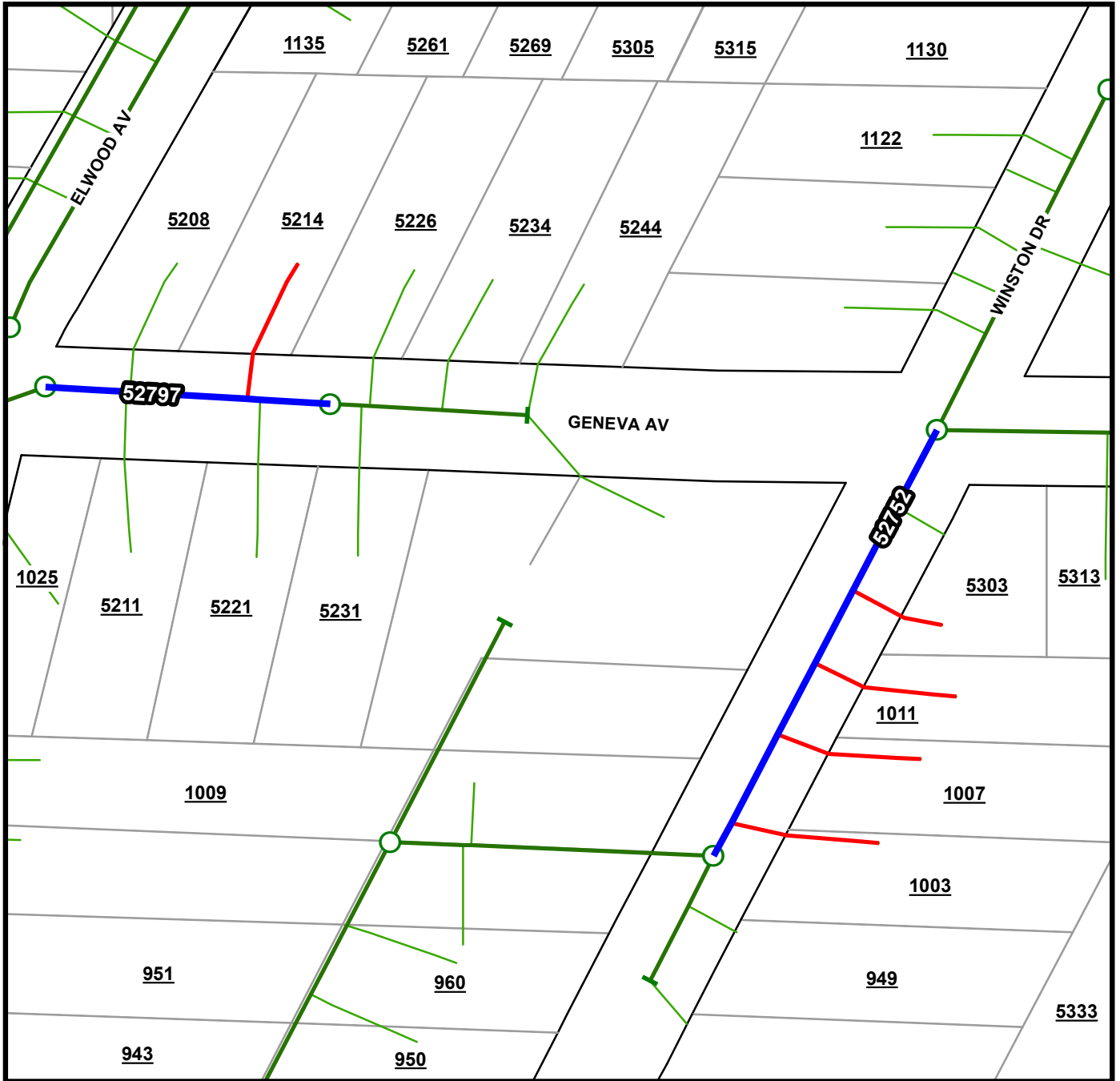
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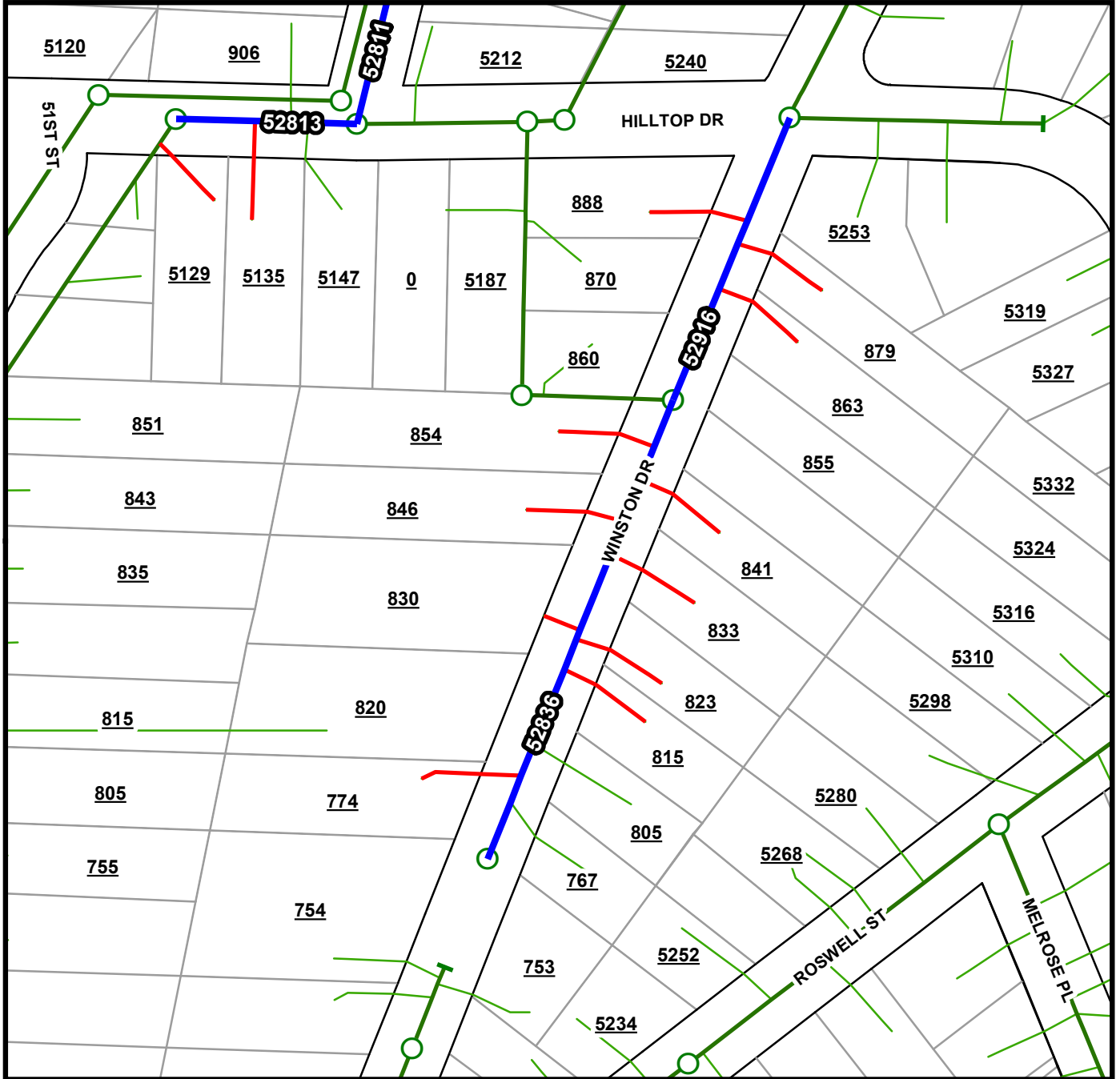
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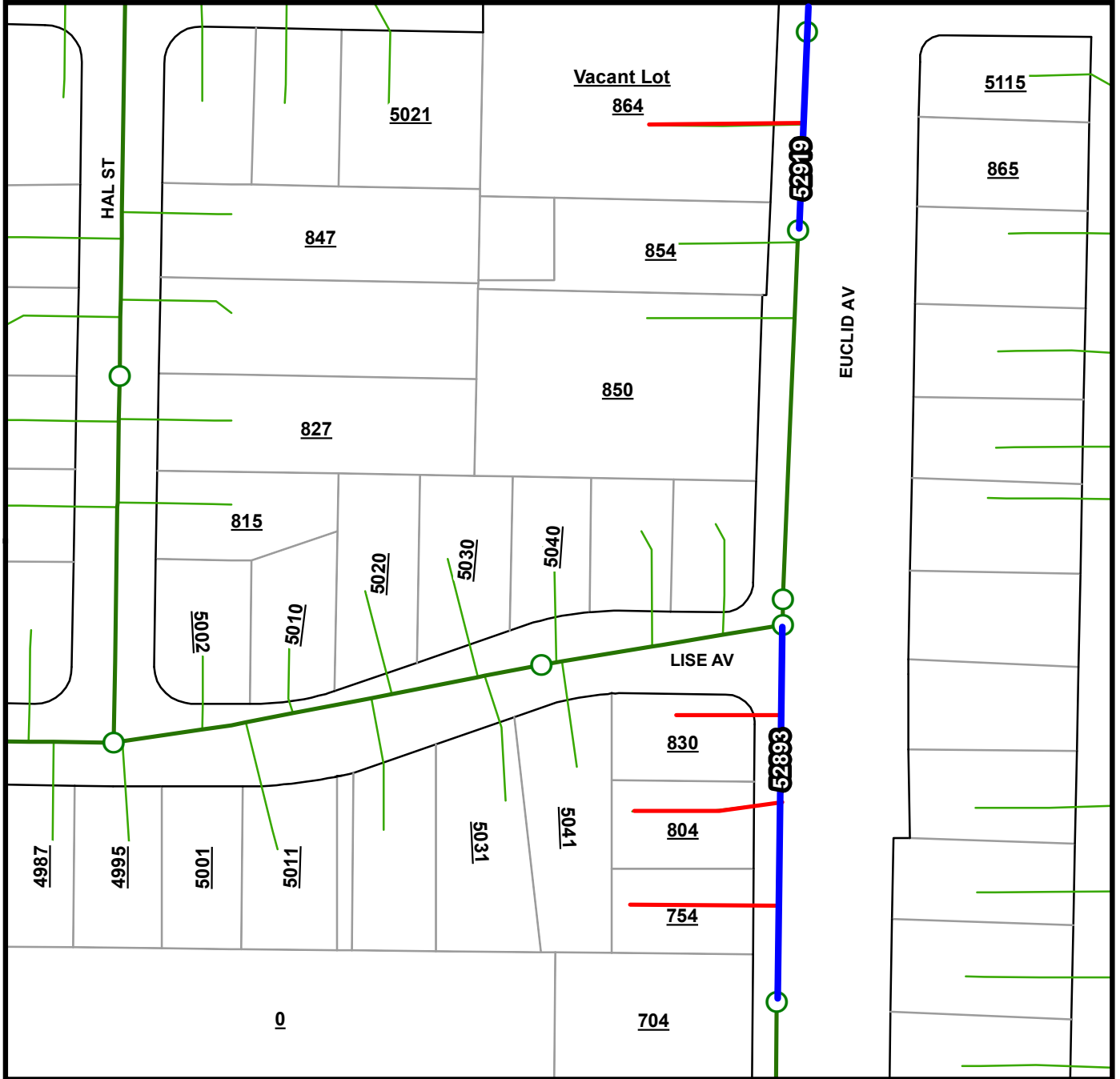
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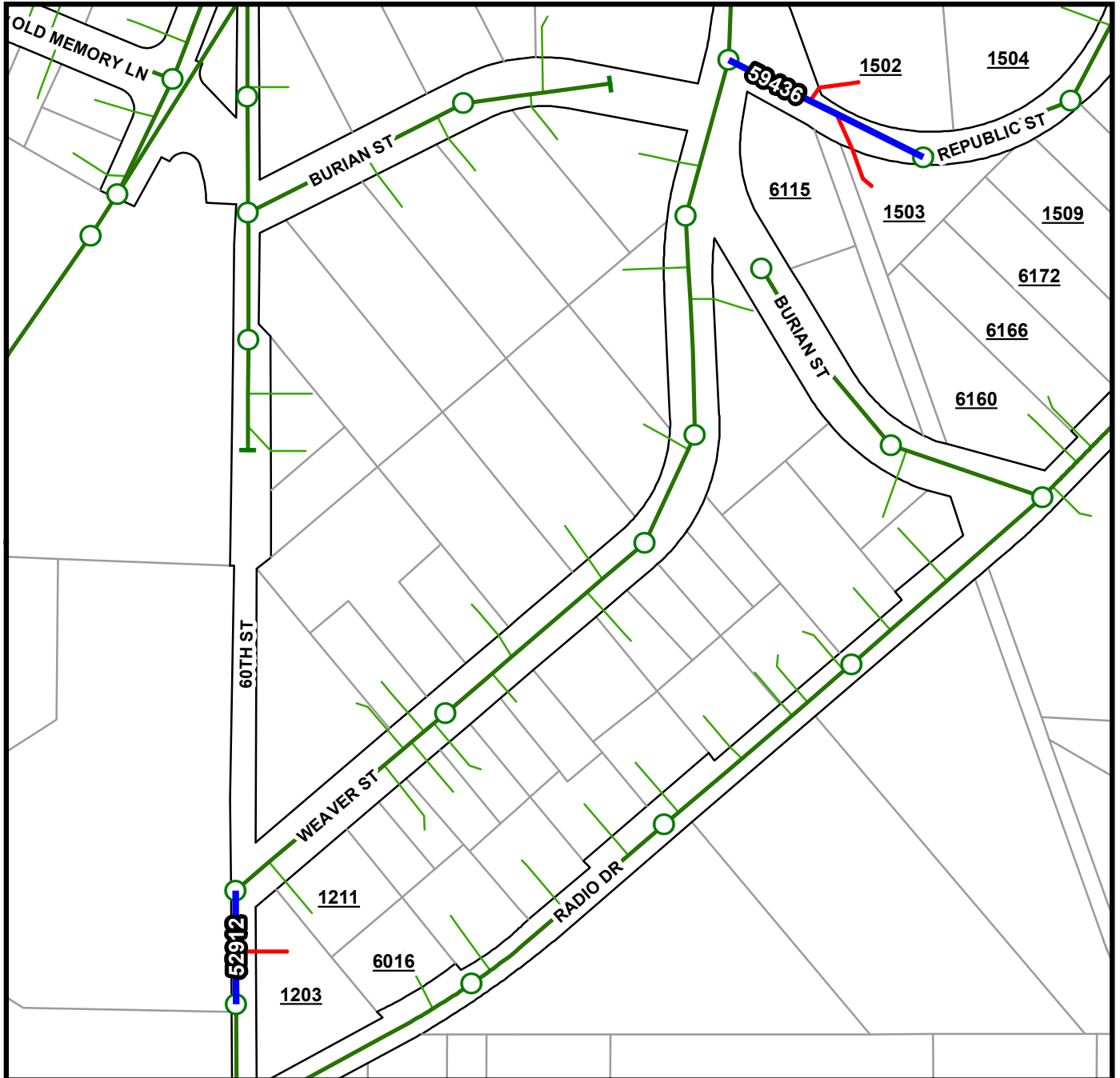
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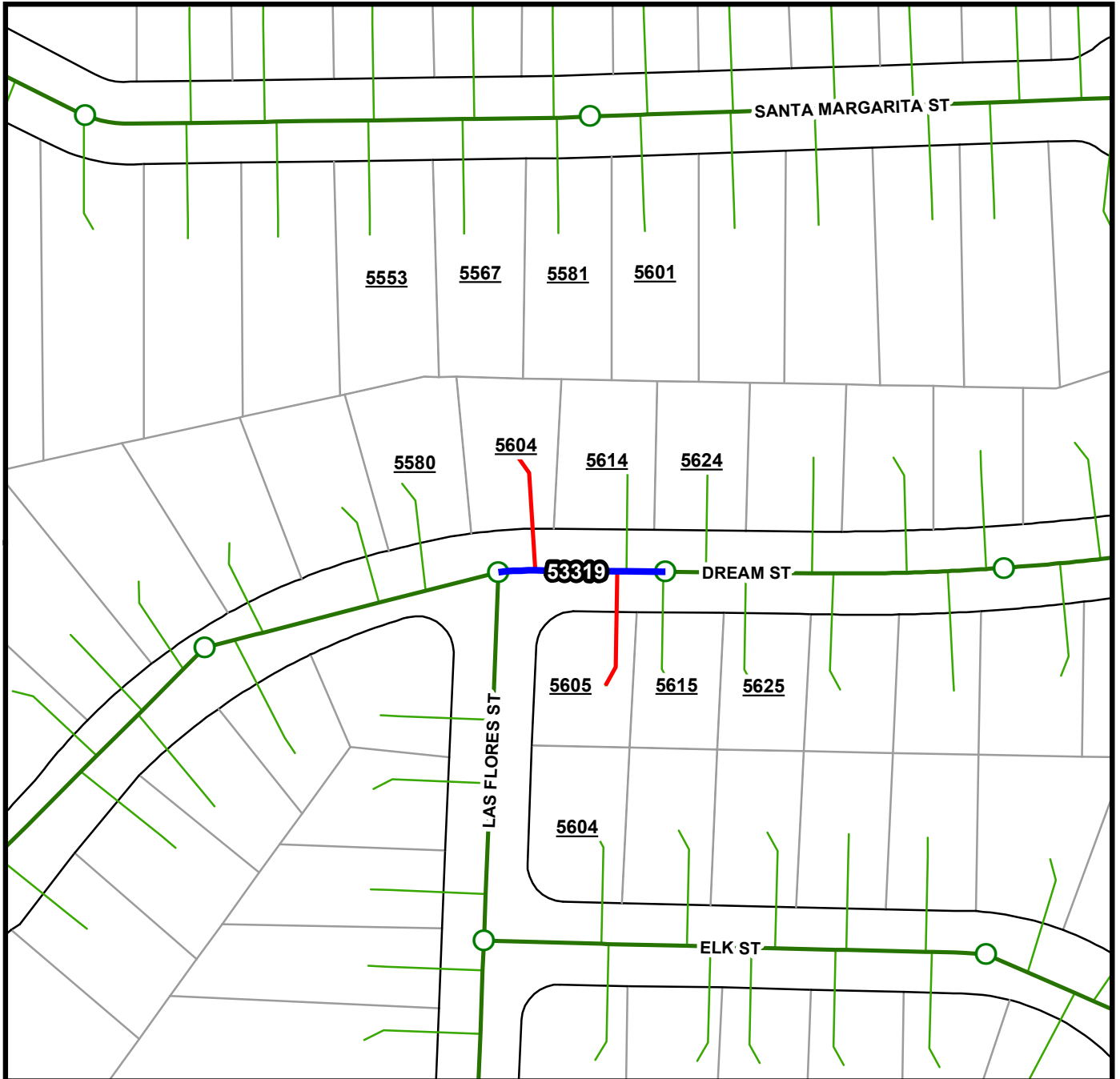
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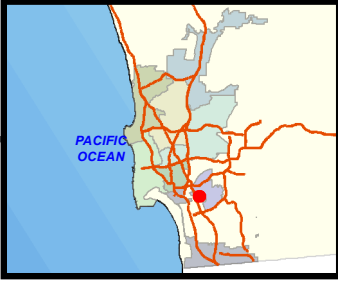
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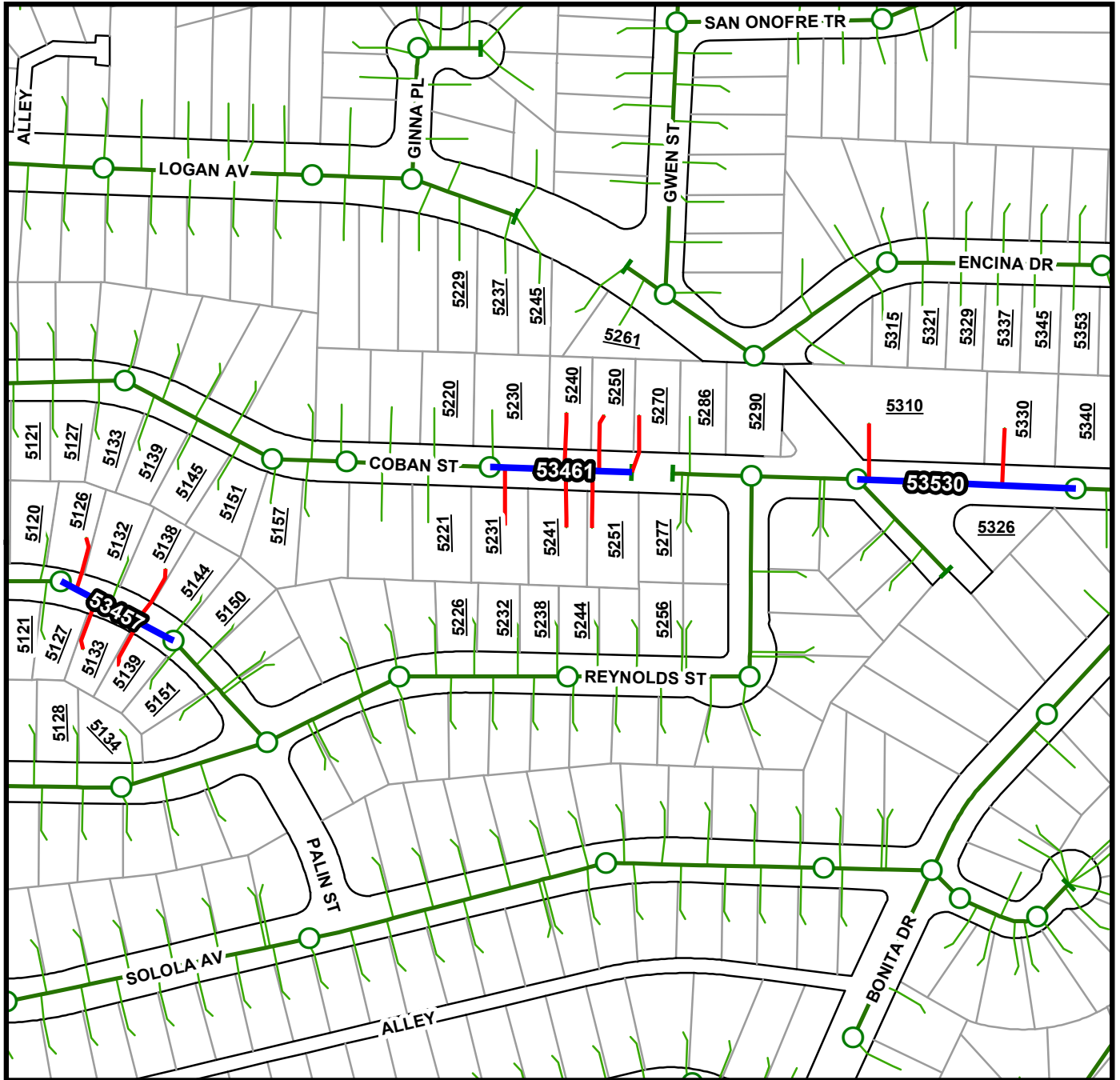
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CONTRACT FORMS
AGREEMENT

CONTRACT FORMS

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Southwest Pipeline & Trenchless Corp.**, herein called "Contractor" for construction of **Pipeline Rehab - Phase G-2 (Laterals) Bid No. K-15-5368-DBB-3** in the amount of **Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and 00/100 (\$4,106,220.00)**, which is comprised of the Base Bid only.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled **Pipeline Rehab - Phase G-2 (Laterals)** on file in the office of the Public Works Department as Document No. **B-11029** as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Pipeline Rehab - Phase G-2 (Laterals), Bid Number K-15-5368-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

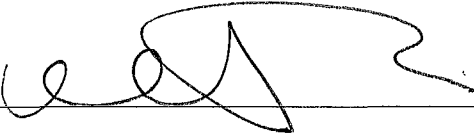
CONTRACT FORMS (continued)


IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code 22.3107 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Jan I. Goldsmith, City Attorney

By 

By 
Jeremy Jung

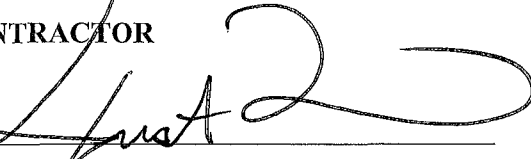
Print Name: Downs Prior,
Principal Contract Specialist

Print Name: _____
Deputy City Attorney

Date: 1/20/15

Date: 1/15/2015

CONTRACTOR

By 

Print Name: _____
**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title: _____

Date: 10-27-2014

City of San Diego License No.: 82003006118

State Contractor's License No.: 773862

CONTRACT FORMS

ATTACHMENTS

**CONTRACT FORMS ATTACHMENTS
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND**

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Southwest Pipeline & Trenchless Corp., a corporation, as principal, and Liberty Mutual Insurance Company, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and 00/100 (\$4,106,220.00), for the faithful performance of the annexed contract, and in the sum of Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and 00/100 (\$4,106,220.00), for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract Pipeline Rehab - Phase G-2 (Laterals), Bid Number K-15-5368-DBB-3 San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

If the Principal shall promptly pay all persons, firms and corporations furnishing materials for or performing labor in the execution of this contract, and shall pay all amounts due under the California Unemployment Insurance Act then the obligation herein with respect to laborers and materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all persons, firms and corporations entitled to file claims under the provisions of Chapter 3 of Division 5 of Title I of the Government Code of the State of California or under the provisions of Section 3082 et seq. of the Civil Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby waives notice of same.

CONTRACT FORMS ATTACHMENTS (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated October 24, 2014

Approved as to Form and Legality

Southwest Pipeline and Trenchless Corp.


Principal

By 

JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO

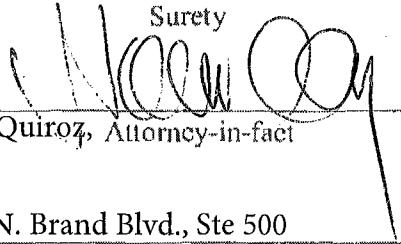
Printed Name SOUTHWEST PIPELINE AND TRENCHLESS CORP. principal

Jan I. Goldsmith, City Attorney

By 
Deputy City Attorney

Liberty Mutual Insurance Company

Surety

By 
Noemi Quiroz, Attorney-in-fact

Approved:

By 
Downs Prior, Principal Contract Specialist

330 N. Brand Blvd., Ste 500
Local Address of Surety

Glendale, CA 91203
Local Address (City, State) of Surety

(818) 956-4250
Local Telephone No. of Surety

Premium \$ 31,042.00

Bond No. 024059274

1/20/15

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

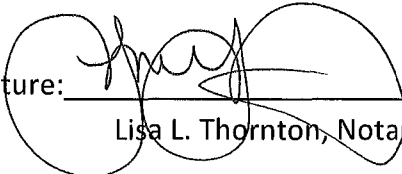
State of California)
) ss
County of Los Angeles)

On OCT 24 2014, before me, Lisa L. Thornton, Notary Public , personally appeared Noemi Quiroz , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/~~she~~/~~they~~ executed the same in ~~his~~/~~her~~/~~their~~ authorized capacity(ies), and that by ~~his~~/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature: 
Lisa L. Thornton, Notary Public



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees. To confirm the validity of this Power of Attorney call 610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Noemi Quiroz of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

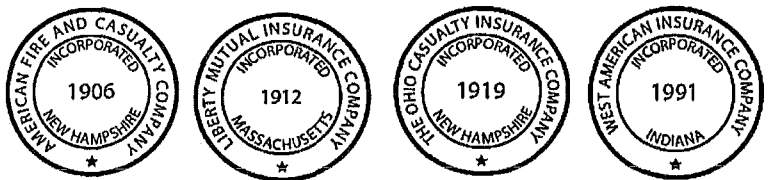
Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: 024059274

Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 18th day of November, 2013.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 18th day of November, 2013, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

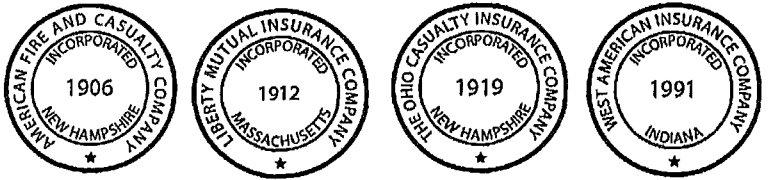
ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of October, 2014.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

PROJECT TITLE: Pipeline Rehab Phase G-2 (Laterals)

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 7-13.3, "Drug-Free Workplace", of the project specifications, and that;

SOUTHWEST PIPELINE AND

TRENCHLESS CORP.

(Name under which business is conducted)

has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

Signed

Printed Name

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Pipeline Rehab Phase 6-2 (Laterals)

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American With Disabilities Act", of the project specifications, and that;

(Name under which business is conducted)

has in place a workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

Signed

Printed Name

Title

JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: Pipeline Rehab Phase F-2 (Laterals)

I declare under penalty of perjury that I am authorized to make this certification on behalf of _____, as Contractor, that I am familiar with the requirements of City of San Diego Municipal Code § 22.3224 regarding Contractor Standards as outlined in the WHITEBOOK, Section 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3224.

Dated this 27th Day of OCTOBER, 2014.

Signed _____

Printed Name _____

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title _____

AFFIDAVIT OF DISPOSAL

WHEREAS, on the _____ DAY OF _____, 2____ the undersigned entered into and executed a contract with the City of San Diego, a municipal corporation, for:

Pipeline Rehab Phase 6-2 (Laterals)
(Name of Project)

as particularly described in said contract and identified as Bid No. K-15-5364-DBB-3; SAP No. (WBS/IO/CC) B-11029 and WHEREAS, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and WHEREAS, said contract has been completed and all surplus materials disposed of:

NOW, THEREFORE, in consideration of the final payment by the City of San Diego to said Contractor under the terms of said contract, the undersigned Contractor, does hereby affirm that all surplus materials as described in said contract have been disposed of at the following location(s)

and that they have been disposed of according to all applicable laws and regulations.

Dated this _____ DAY OF _____, _____.

by _____ Contractor

ATTEST:

State of _____
County of _____

On this _____ DAY OF _____, 2____, before the undersigned, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared _____ known to me to be the _____ Contractor named in the foregoing Release, and whose name is subscribed thereto, and acknowledged to me that said Contractor executed the said Release.

Notary Public in and for said County and State

PHASED FUNDING SCHEDULE AGREEMENT

Check one:

- First Phased Funding Schedule Agreement
- Final Phased Funding Schedule Agreement

BID NUMBER: K-15-5368-DBB-3

CONTRACT OR TASK TITLE: Pipeline Rehab - Phase G-2 (Laterals)

CONTRACTOR: Southwest Pipeline & Trenchless Corporation

Funding Phase	Phase Description	Phase Start	Phase Finish	Phase Duration (Working Days)	Not-to-Exceed Amount
1	Mobilization, lateral cleaning & CCTV lateral point repairs, clean-out installation, rehabilitate 4 inch, 6 inch sewer laterals, installation of top hats.	1/2/15	7/31/15	146	Sewer: \$2,503,857.50
2	Continue installation lateral clean-outs, rehabilitate/line laterals, final inspection of laterals, slurry seal/paving, concrete repair and job close out.	8/3/15	2/12/16	134	Sewer: \$1,598,162.50
Total				280	\$4,102,020.00

Notes:

- (1) City Supplement 9-3.6, "PHASED FUNDING COMPENSATION" applies.
- (2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- (3) This PHASED FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by a written modification to the CONTRACT.

CITY OF SAN DIEGO
By: [Signature]

Name: WIS SCHAAZ
Project Manager

Department Name: PWE

Date: 11/13/14

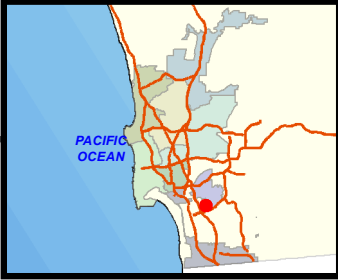
CONTRACTOR
By: [Signature]

Name: Luis Salcedo

Title: Project Manager

Date: 11/7/14

-END OF PHASED FUNDING SCHEDULE AGREEMENT-



Pipeline Rehab - Phase G-2 (Laterals)

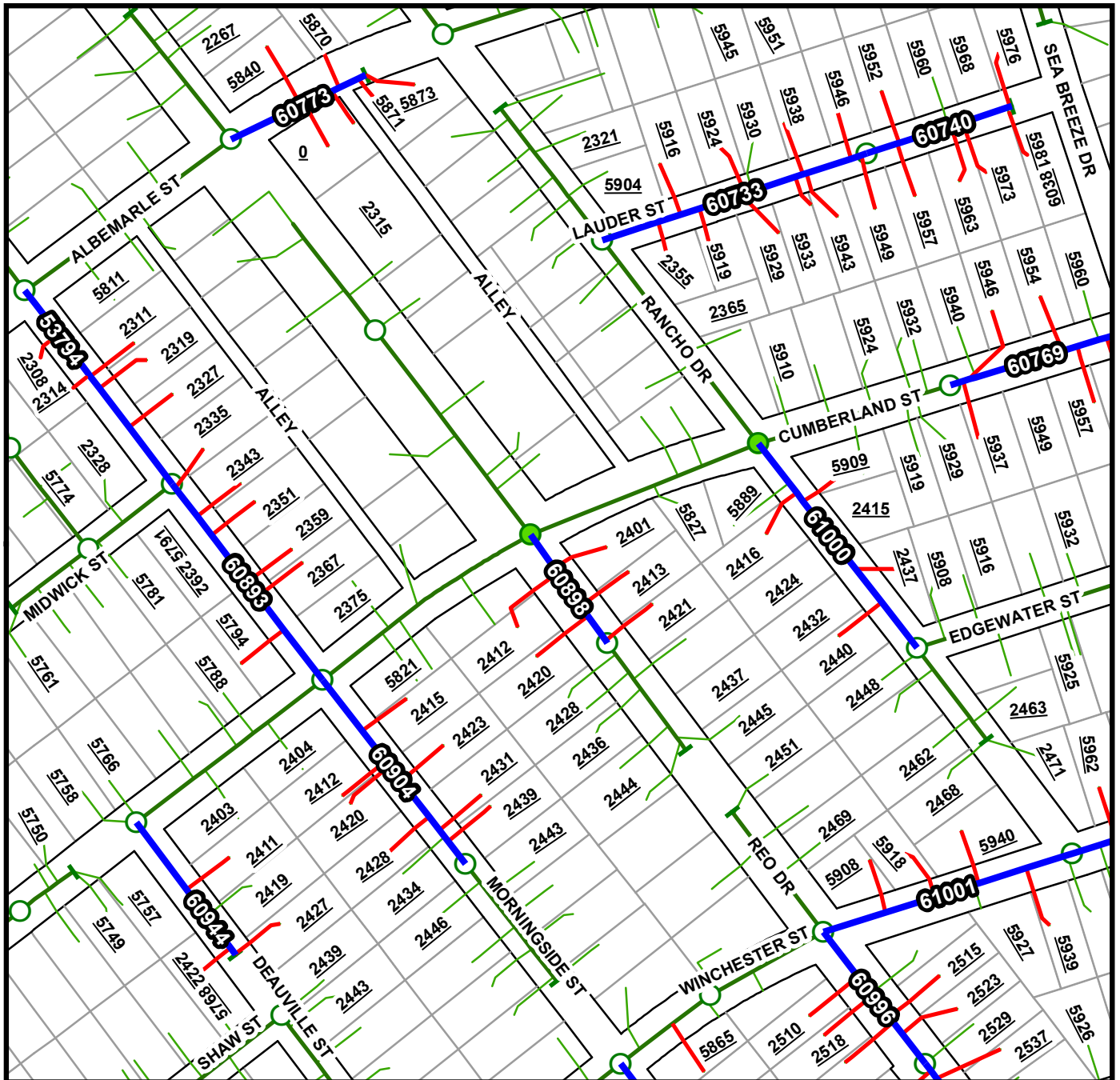
SENIOR ENGINEER
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PROJECT MANAGER
Laila Nasrawi
619-533-4619



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Lotus Lenguyen
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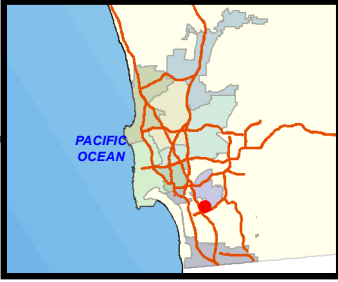
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Legend

- G2 Mains
- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

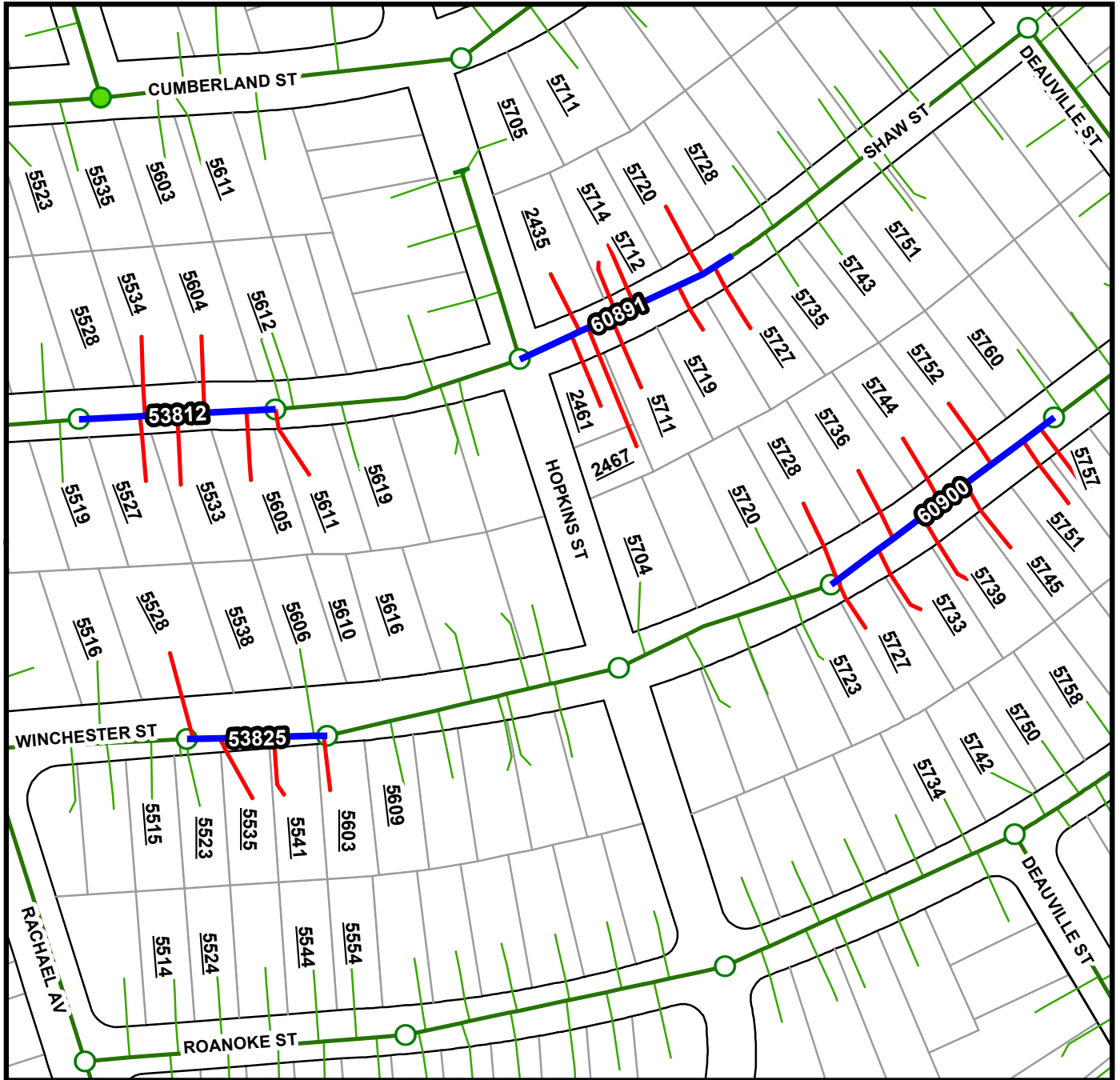
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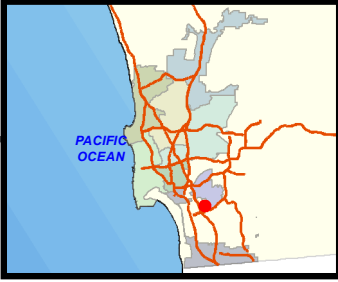
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Pipeline Rehab - Phase G-2 (Laterals)

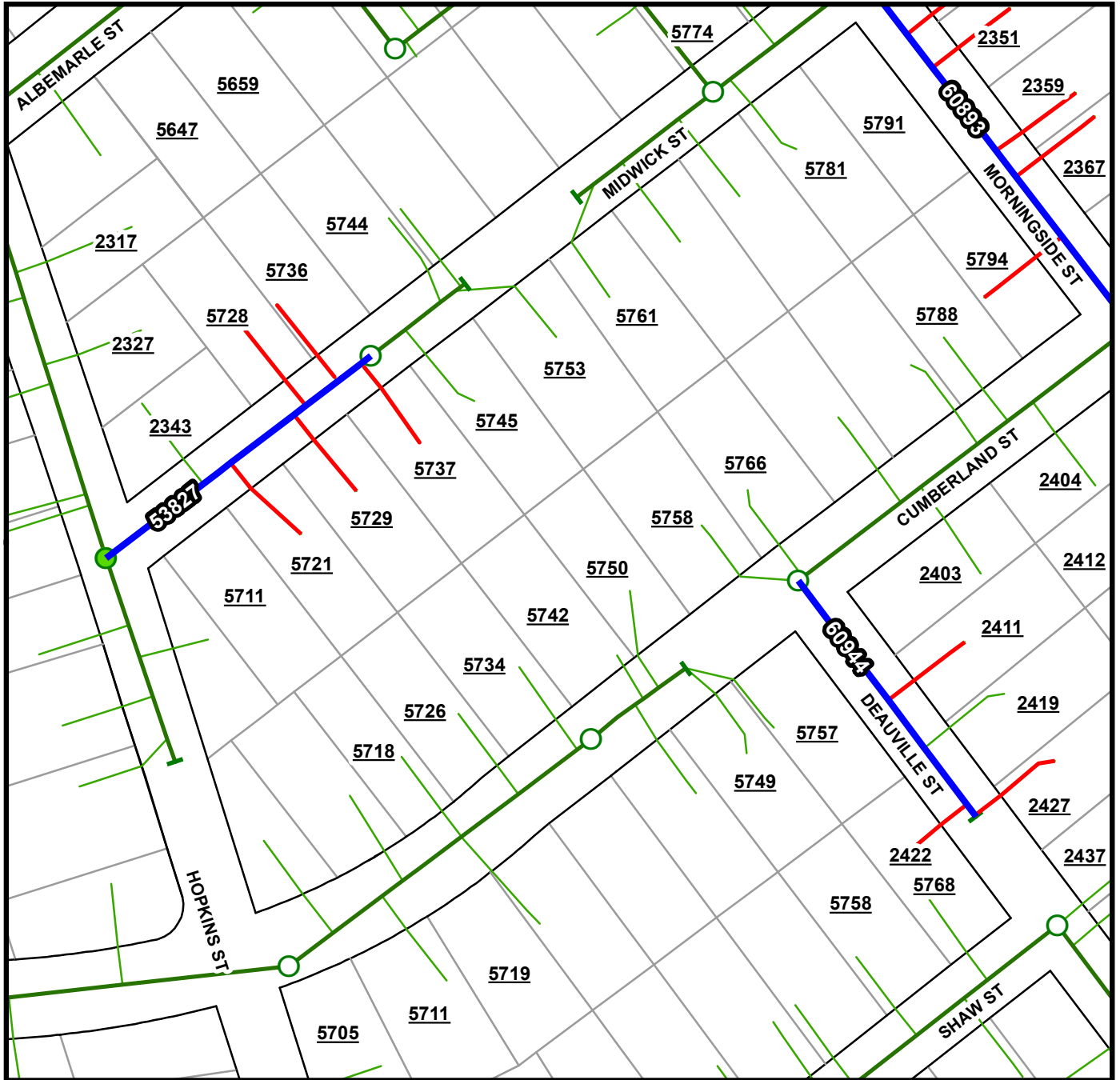
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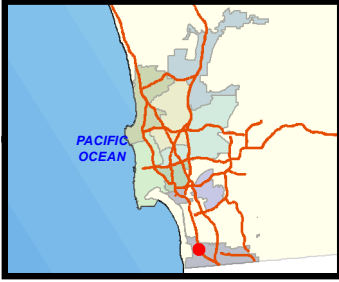
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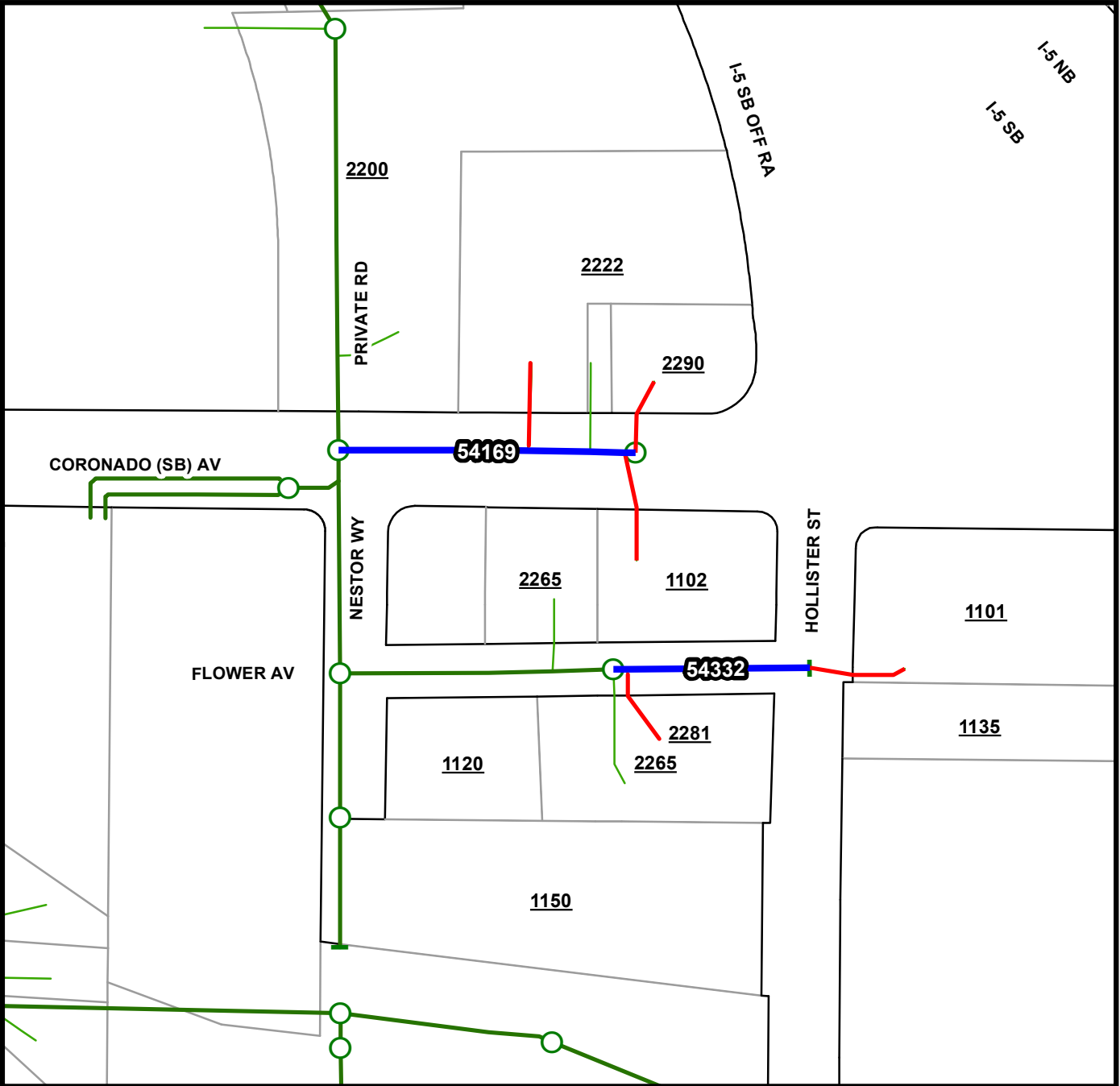
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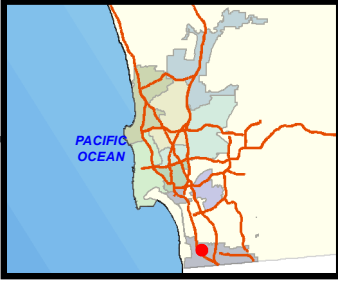
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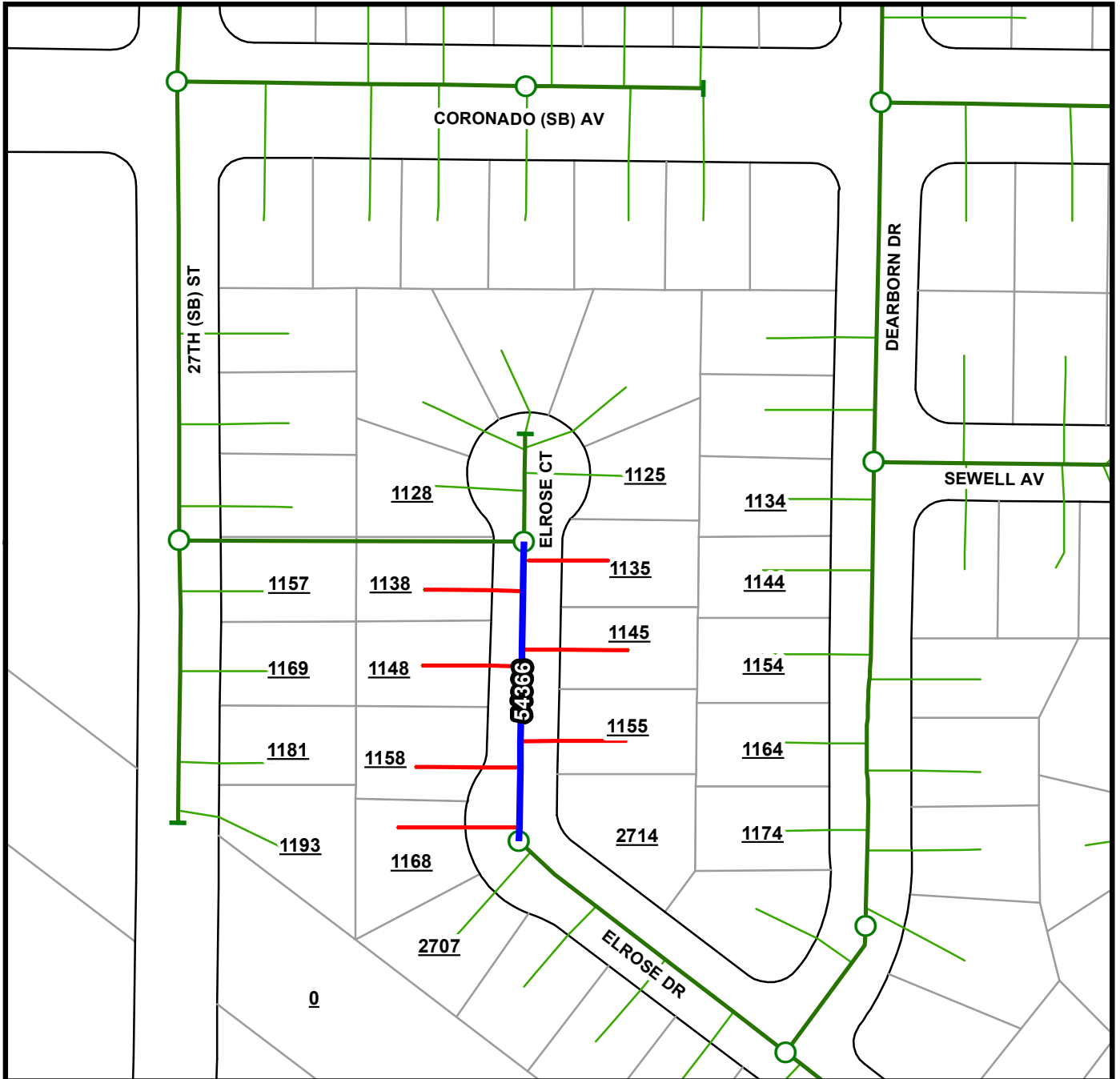
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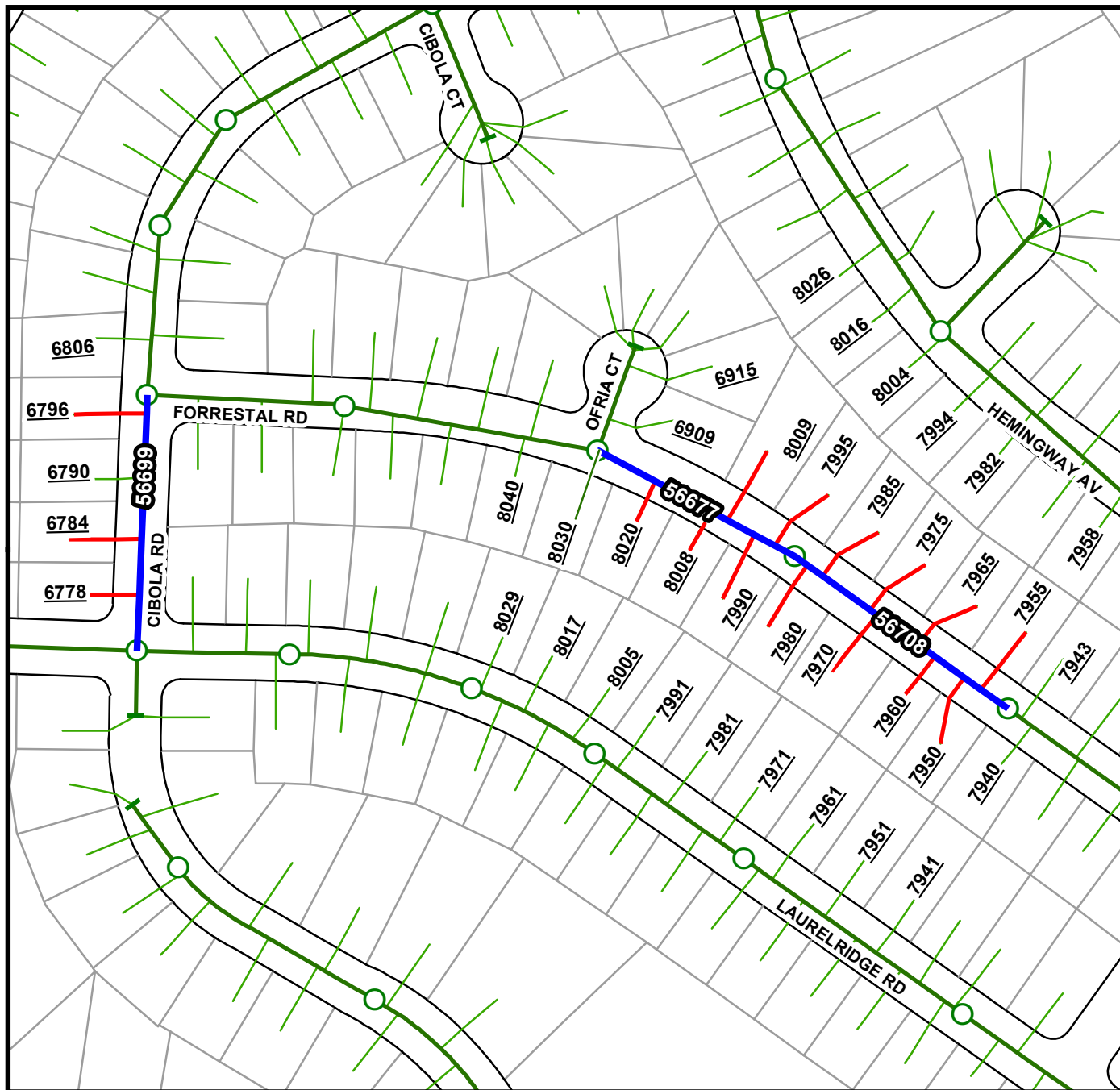
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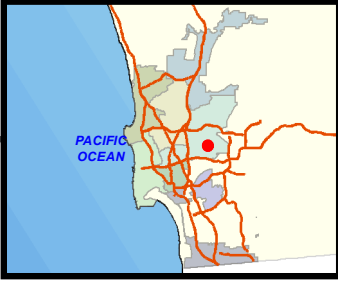
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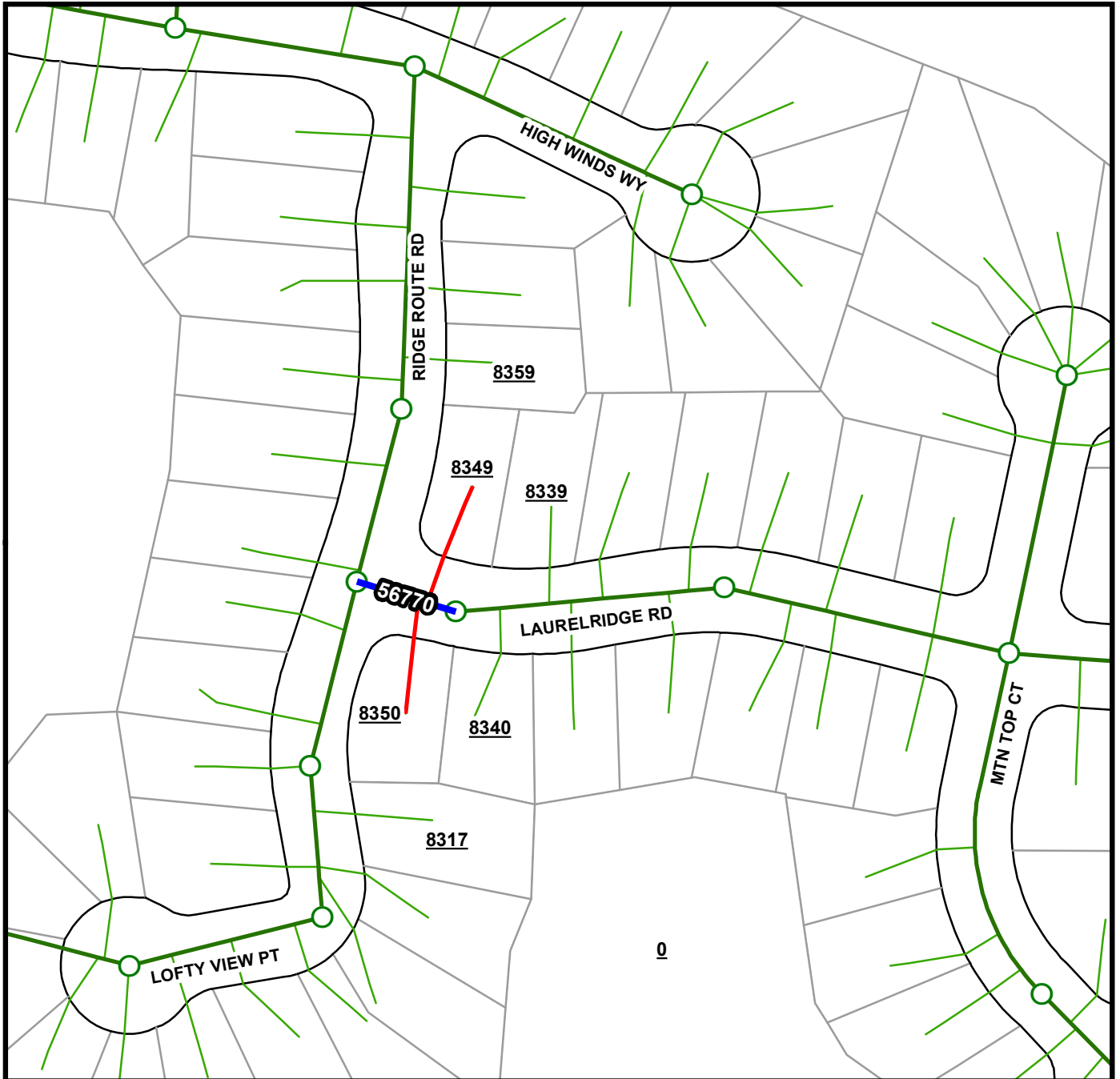
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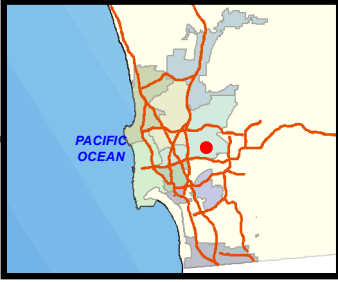
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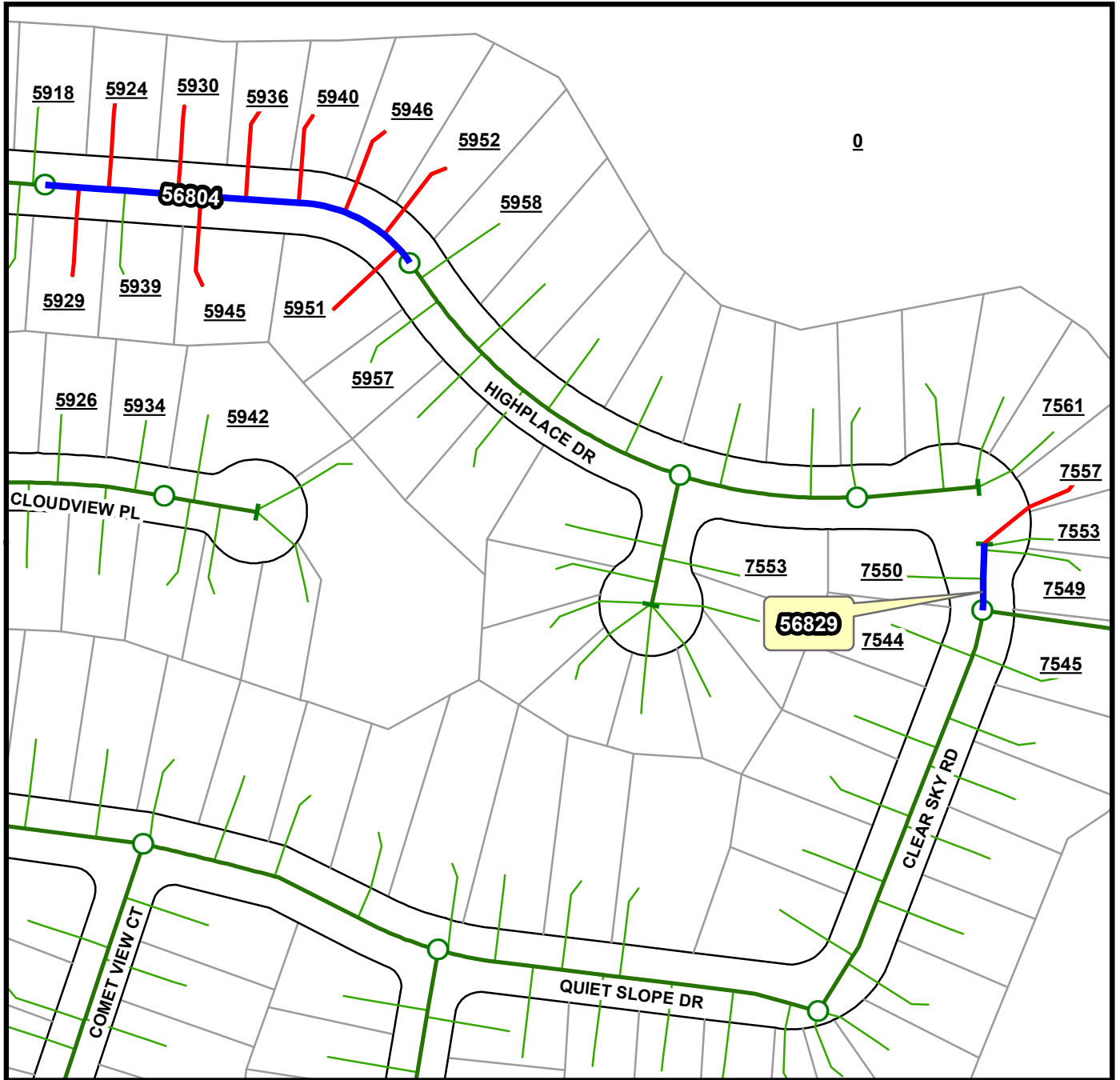
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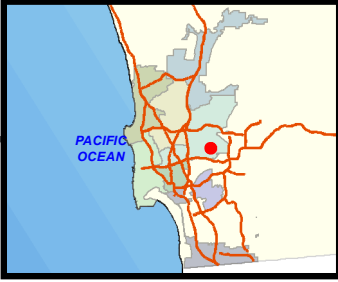
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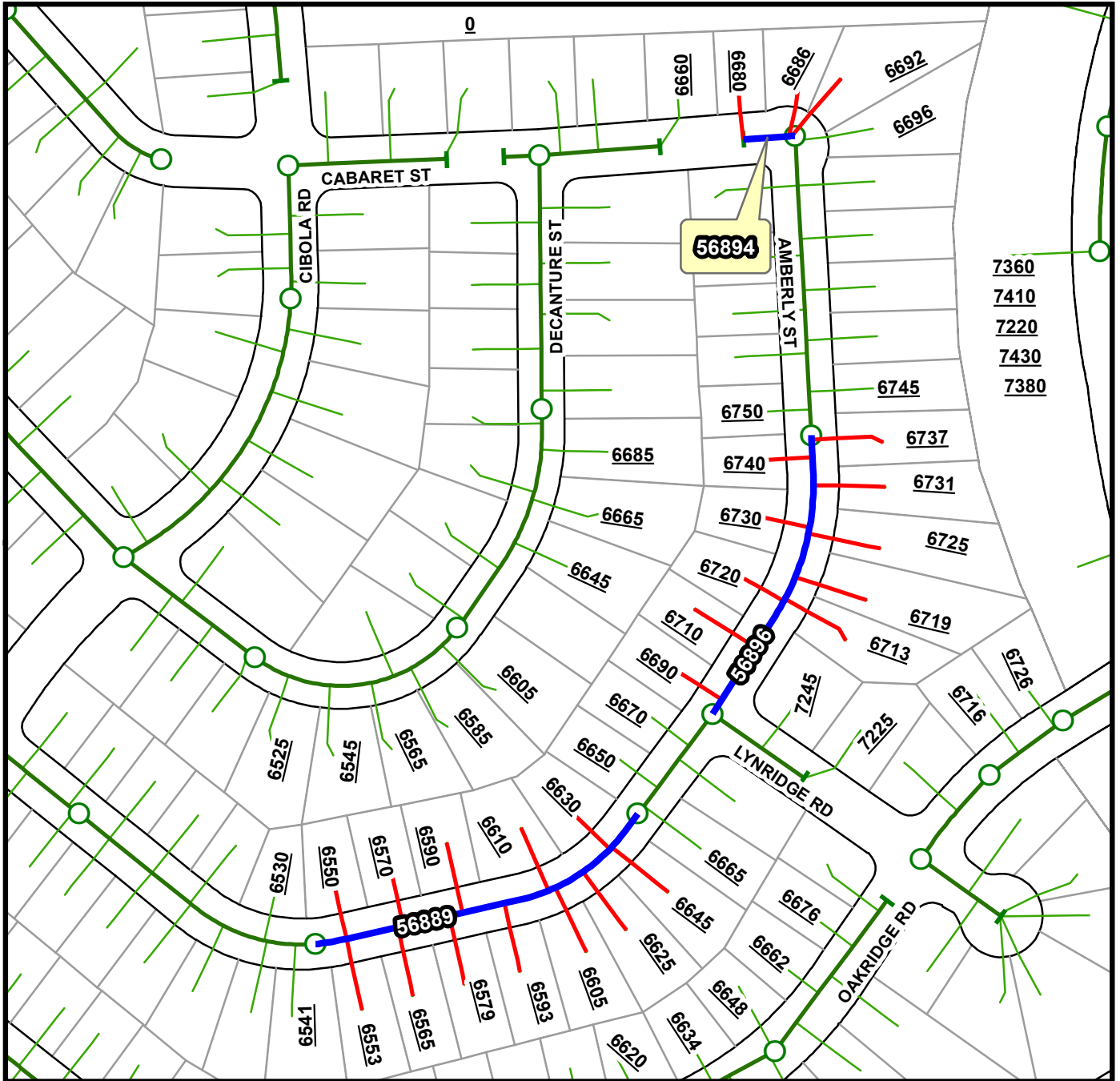
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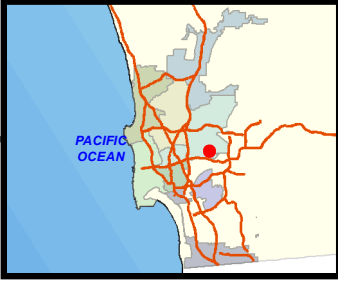
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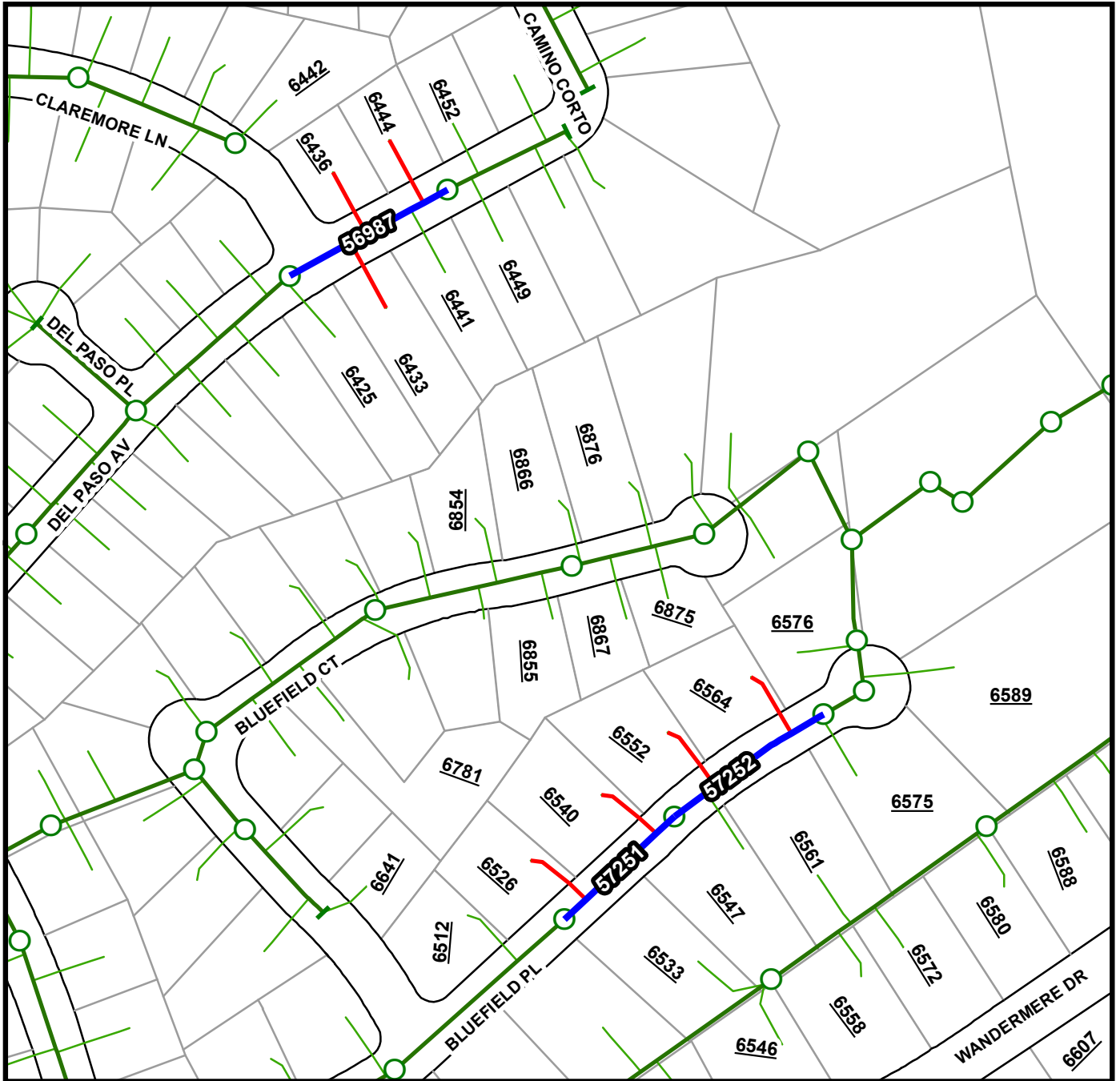
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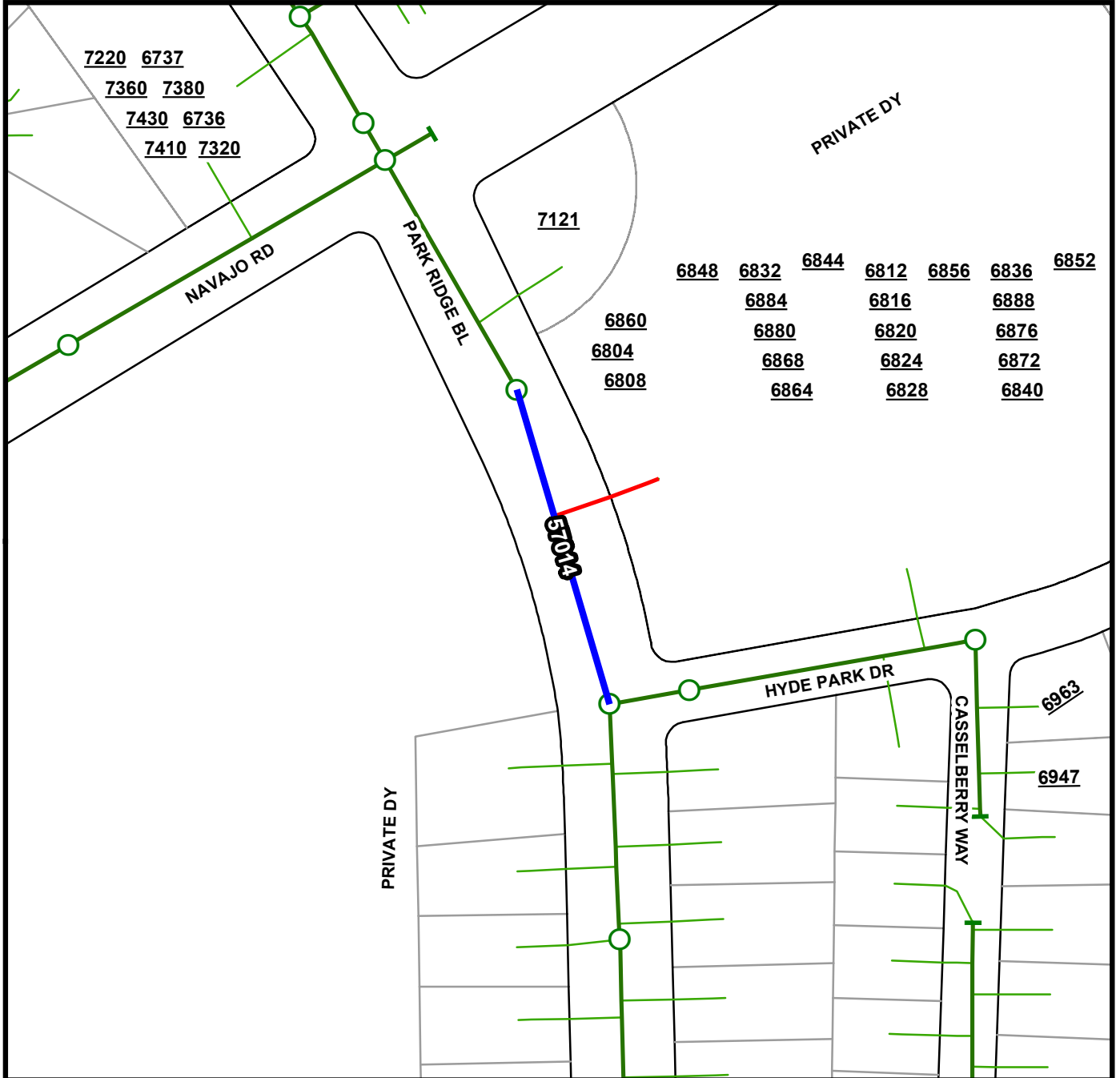
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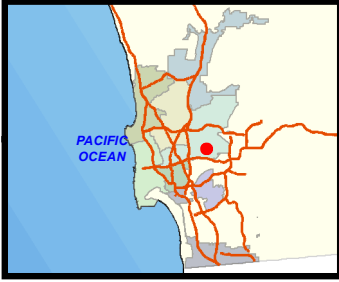
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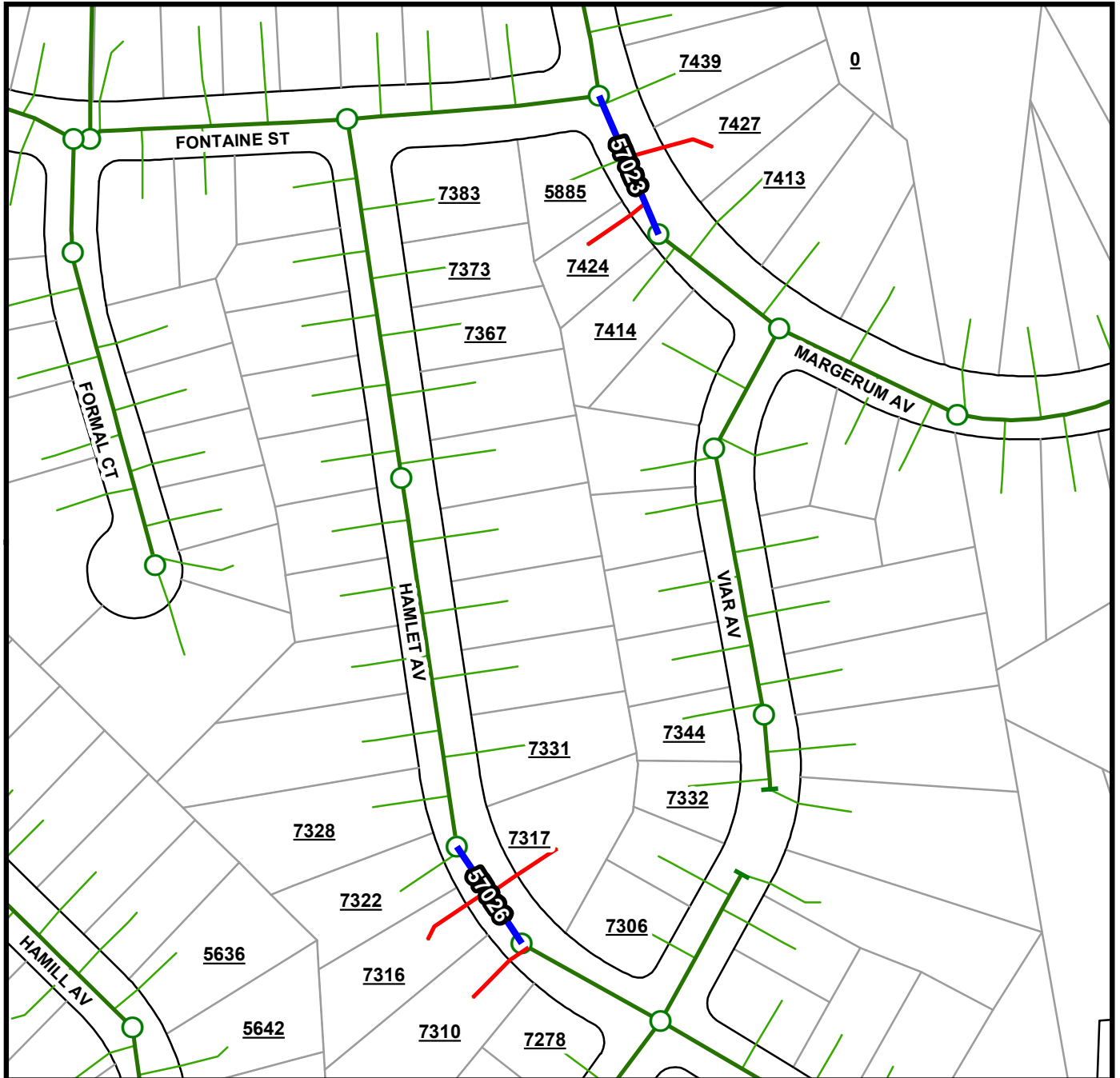
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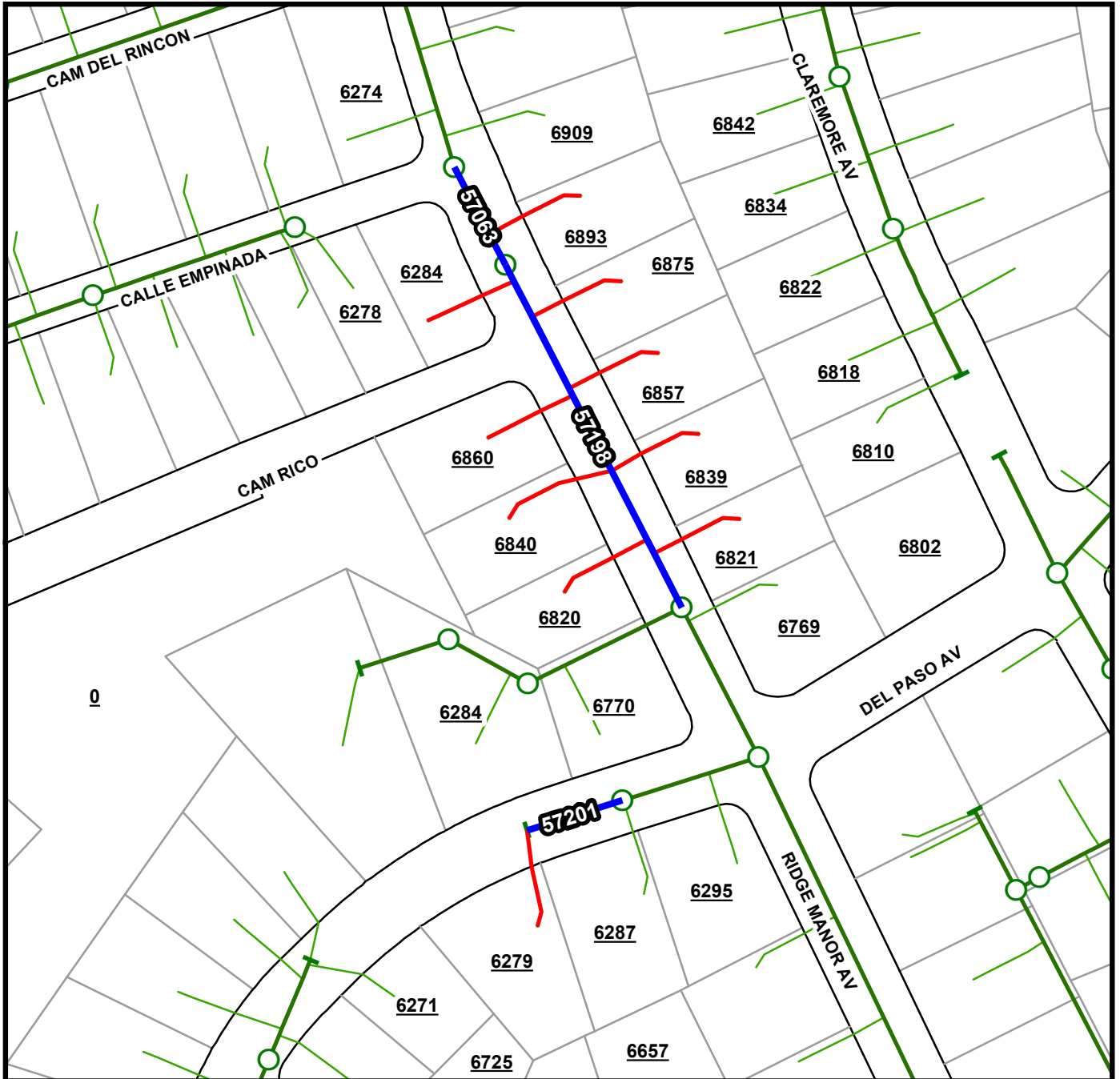
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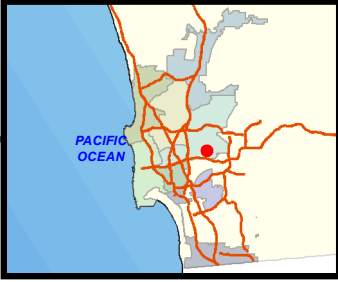
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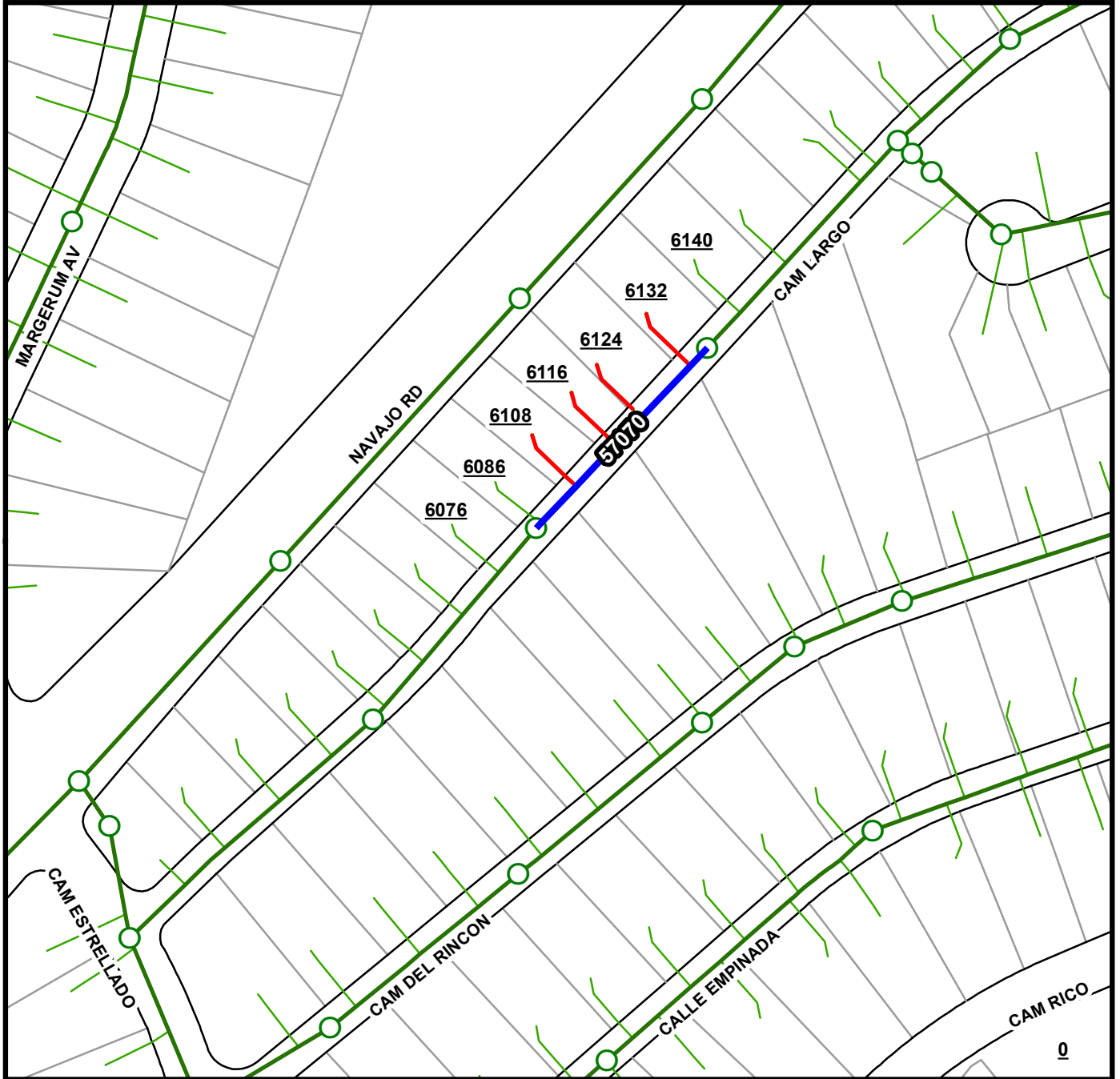
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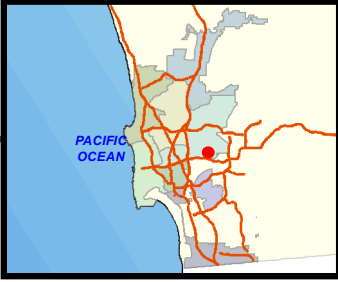
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Legend

- G2 Mains
- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

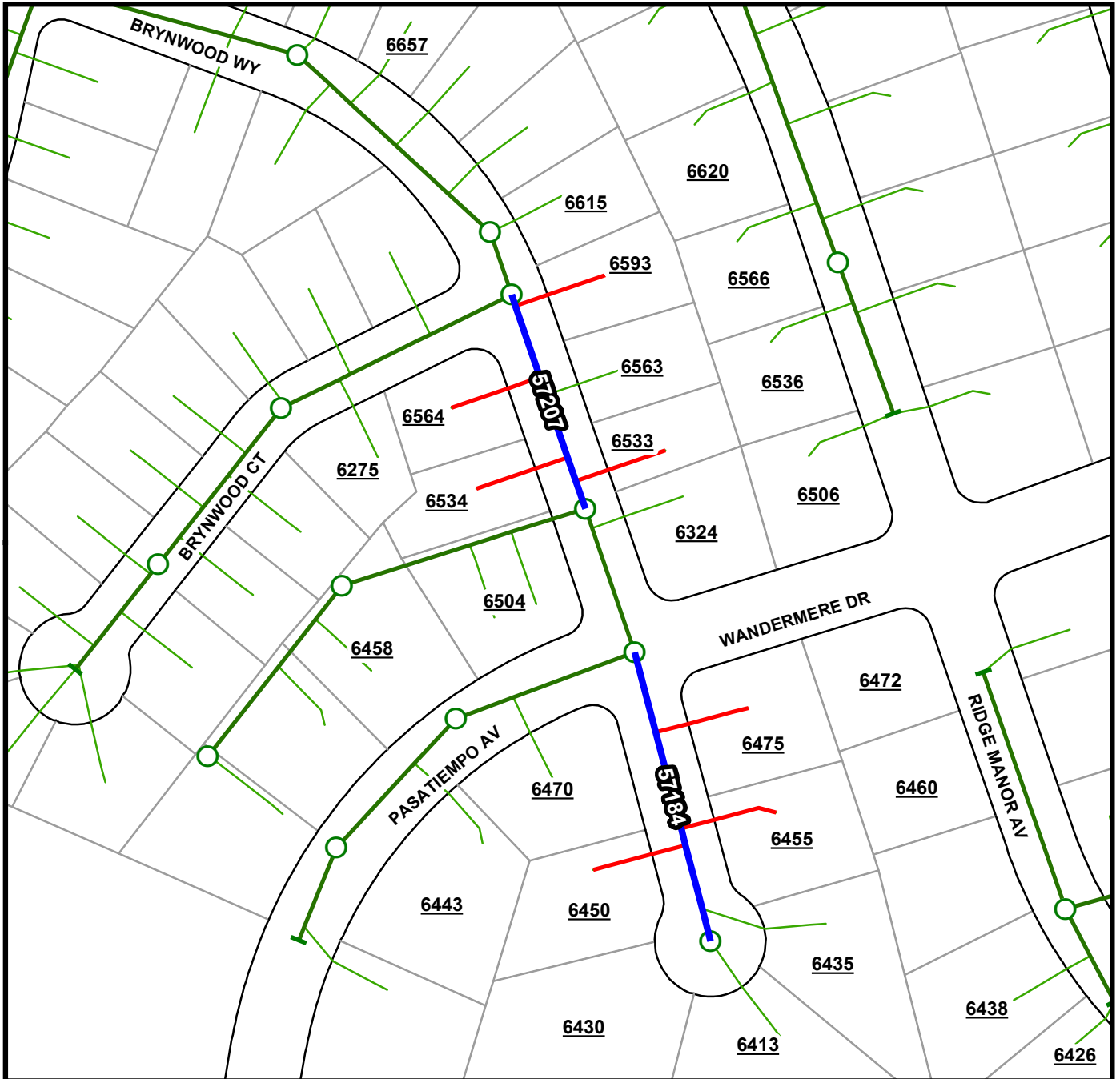
SENIOR ENGINEER
Luis Schaar
619-533-7492

PROJECT MANAGER
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619-533-4619



PROJECT ENGINEER
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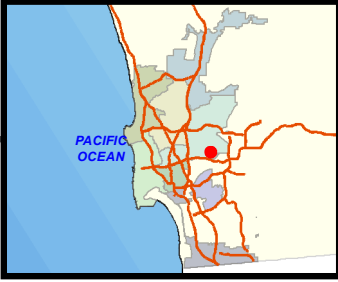
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Legend

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- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

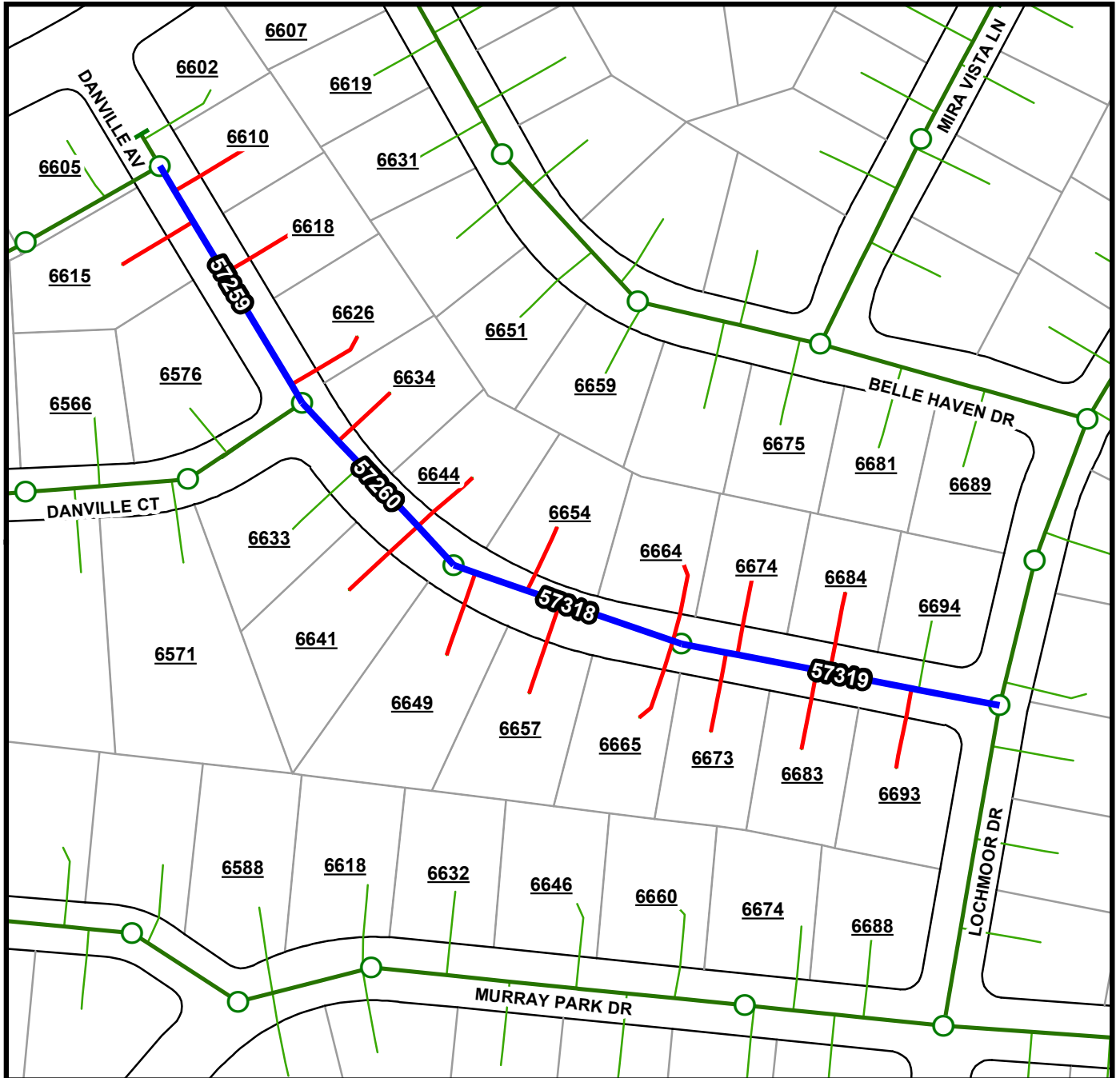
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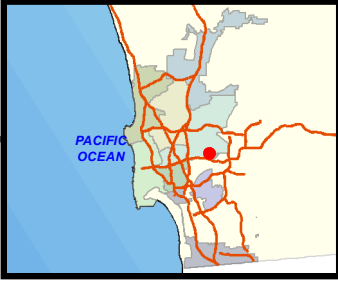
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Legend

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Pipeline Rehab - Phase G-2 (Laterals)

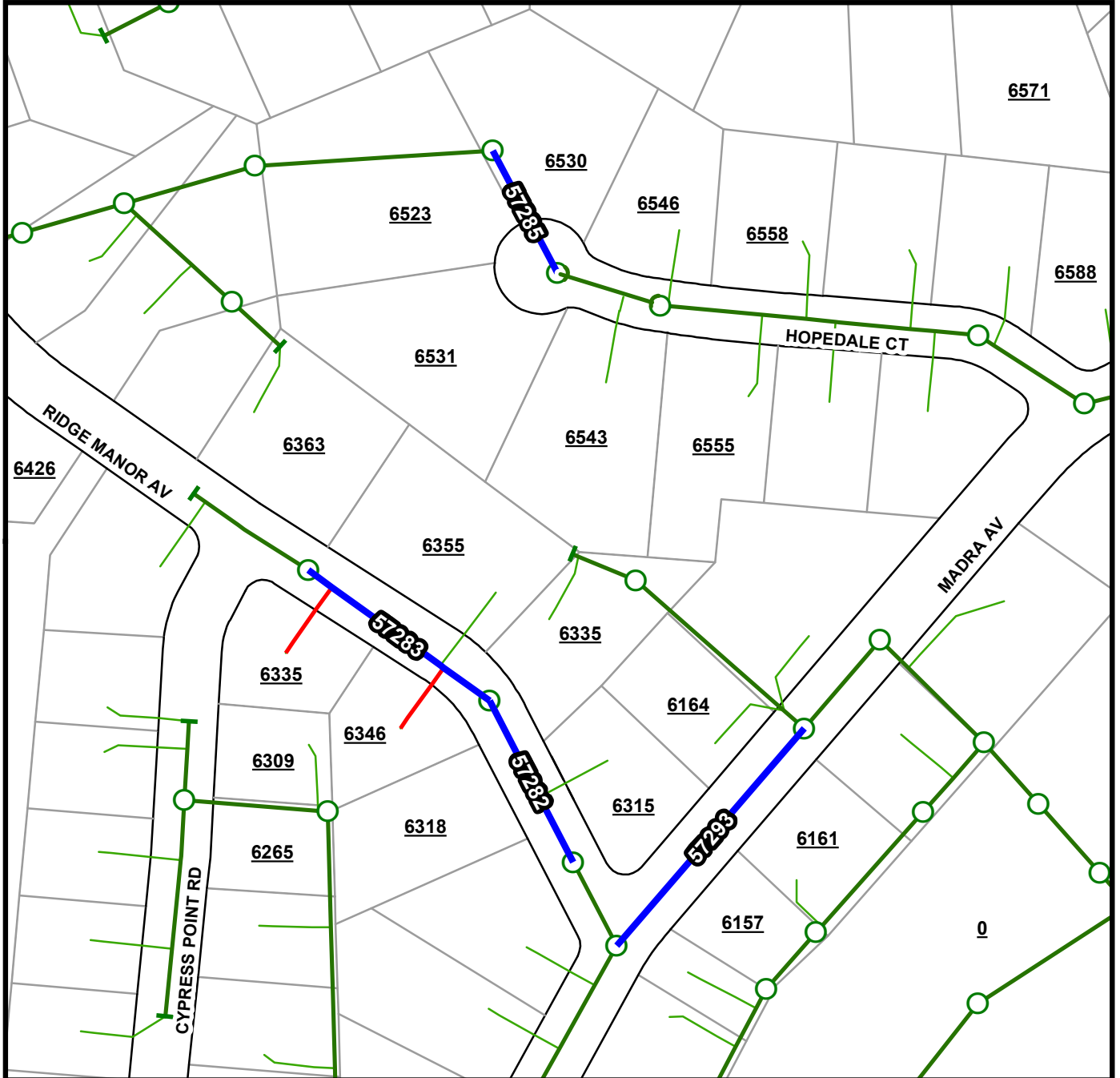
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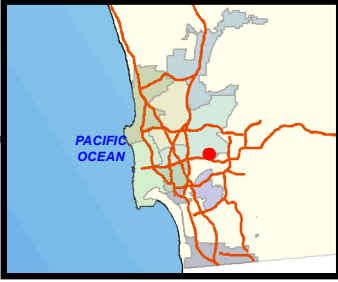
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Pipeline Rehab - Phase G-2 (Laterals)

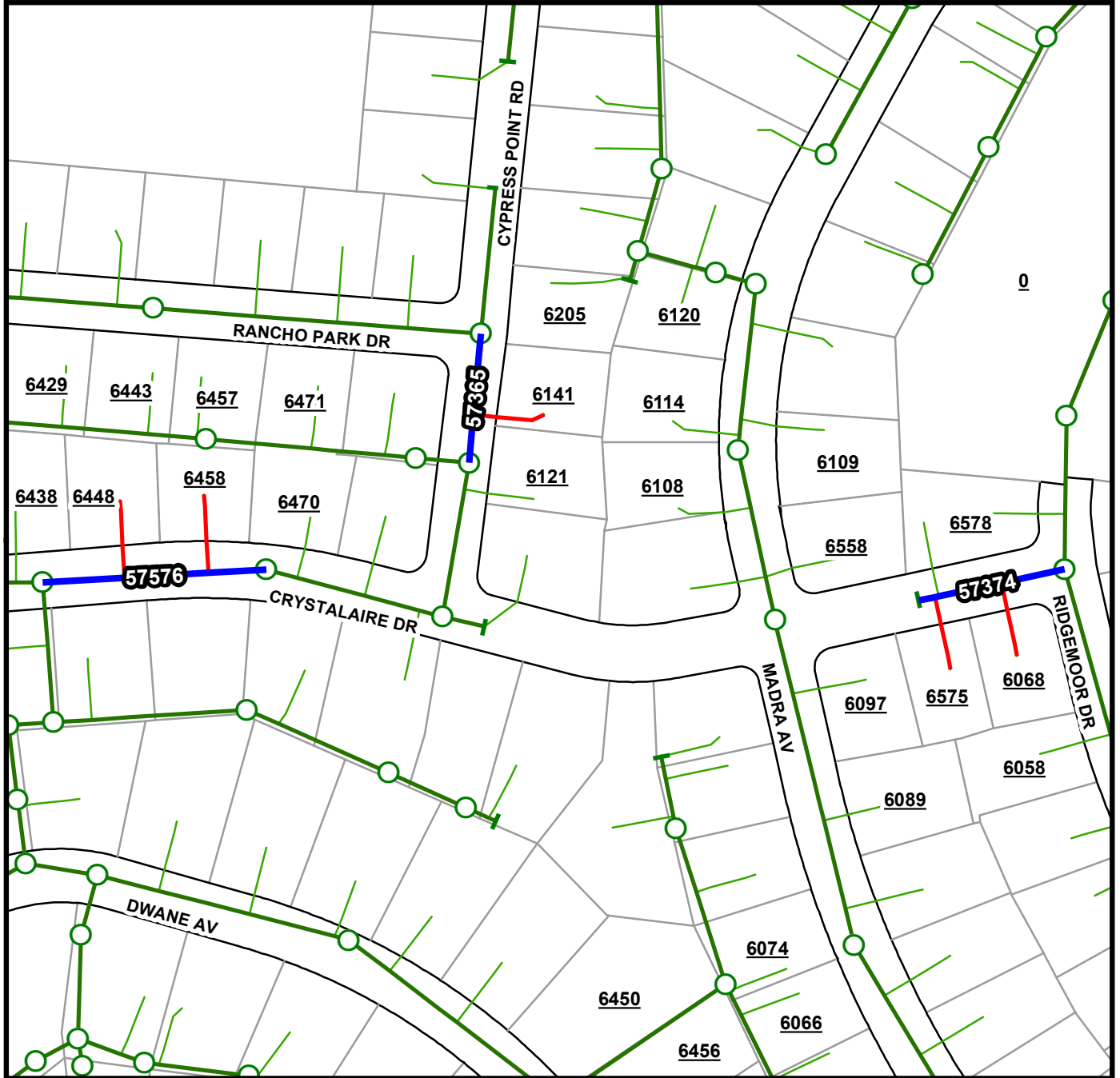
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Pipeline Rehab - Phase G-2 (Laterals)

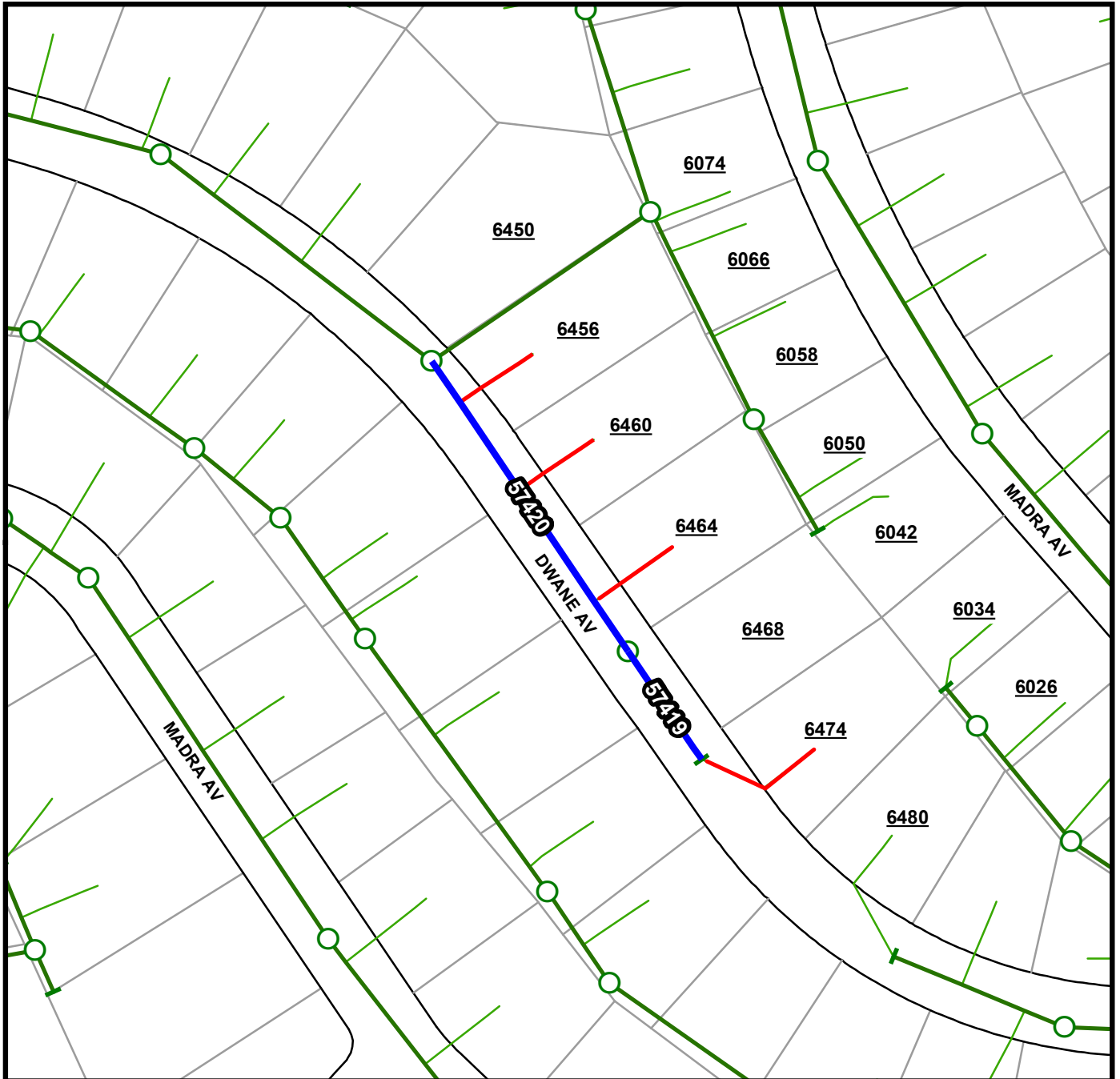
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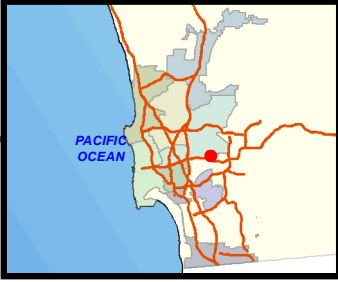
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Pipeline Rehab - Phase G-2 (Laterals)

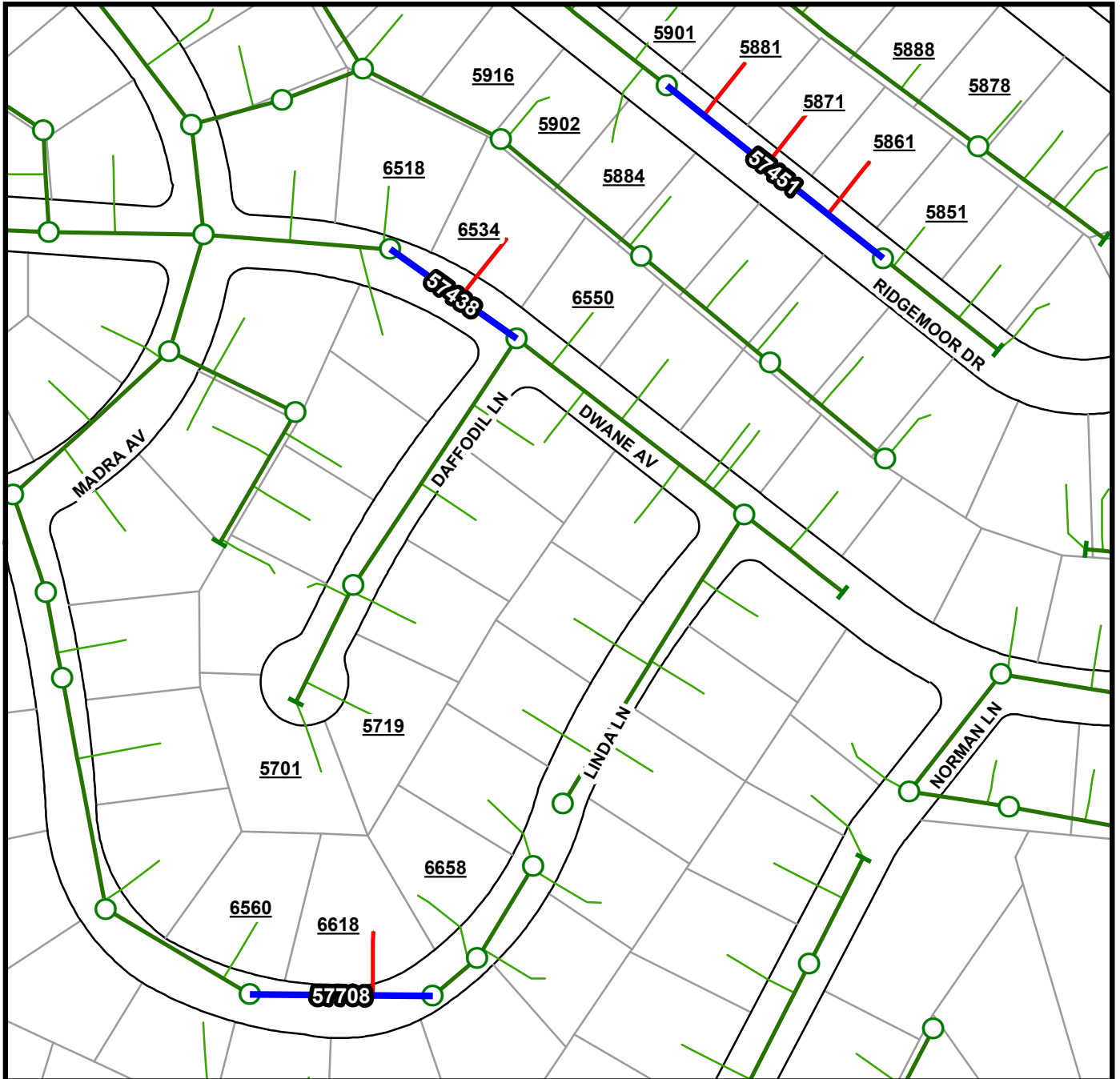
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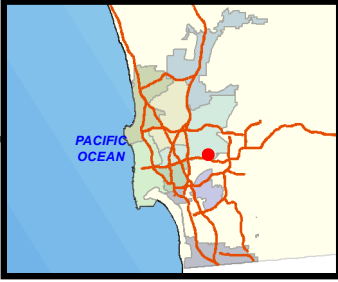
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Pipeline Rehab - Phase G-2 (Laterals)

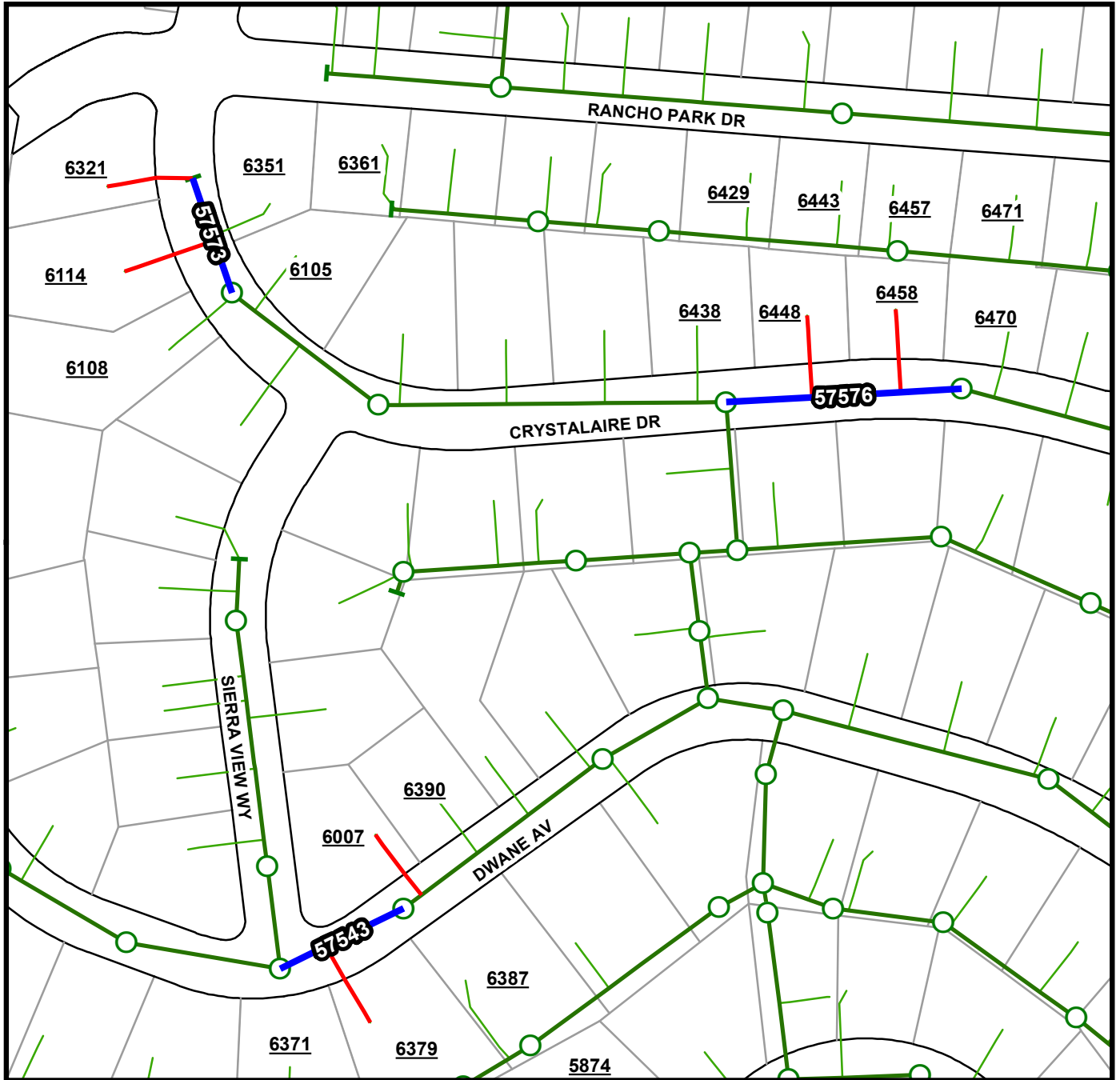
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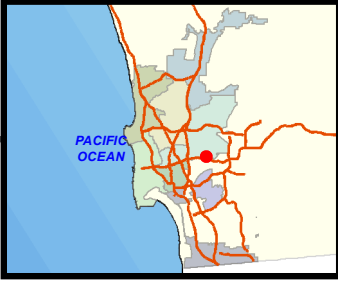
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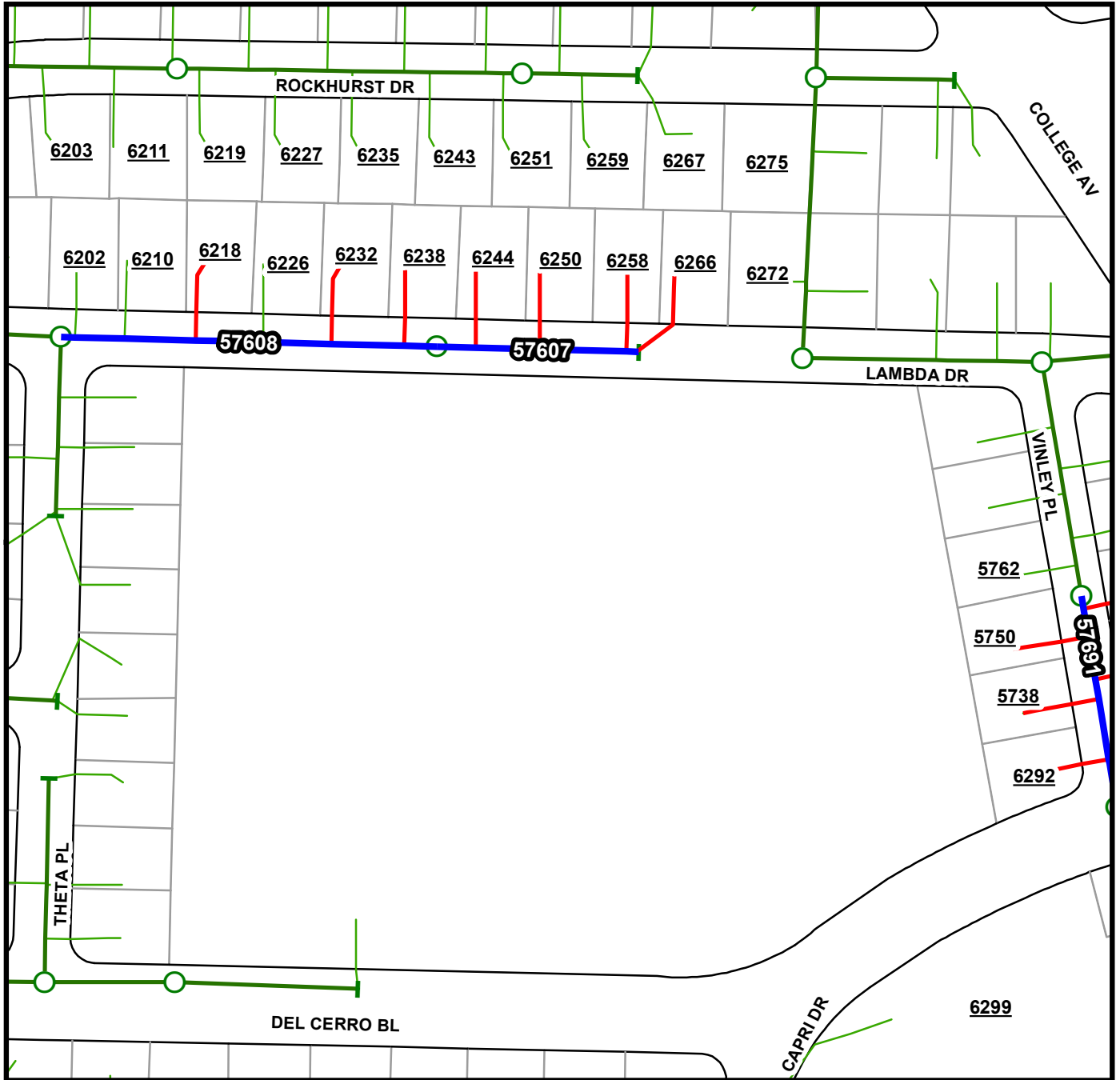
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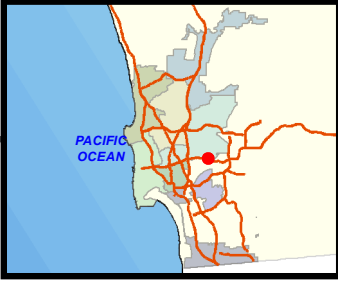
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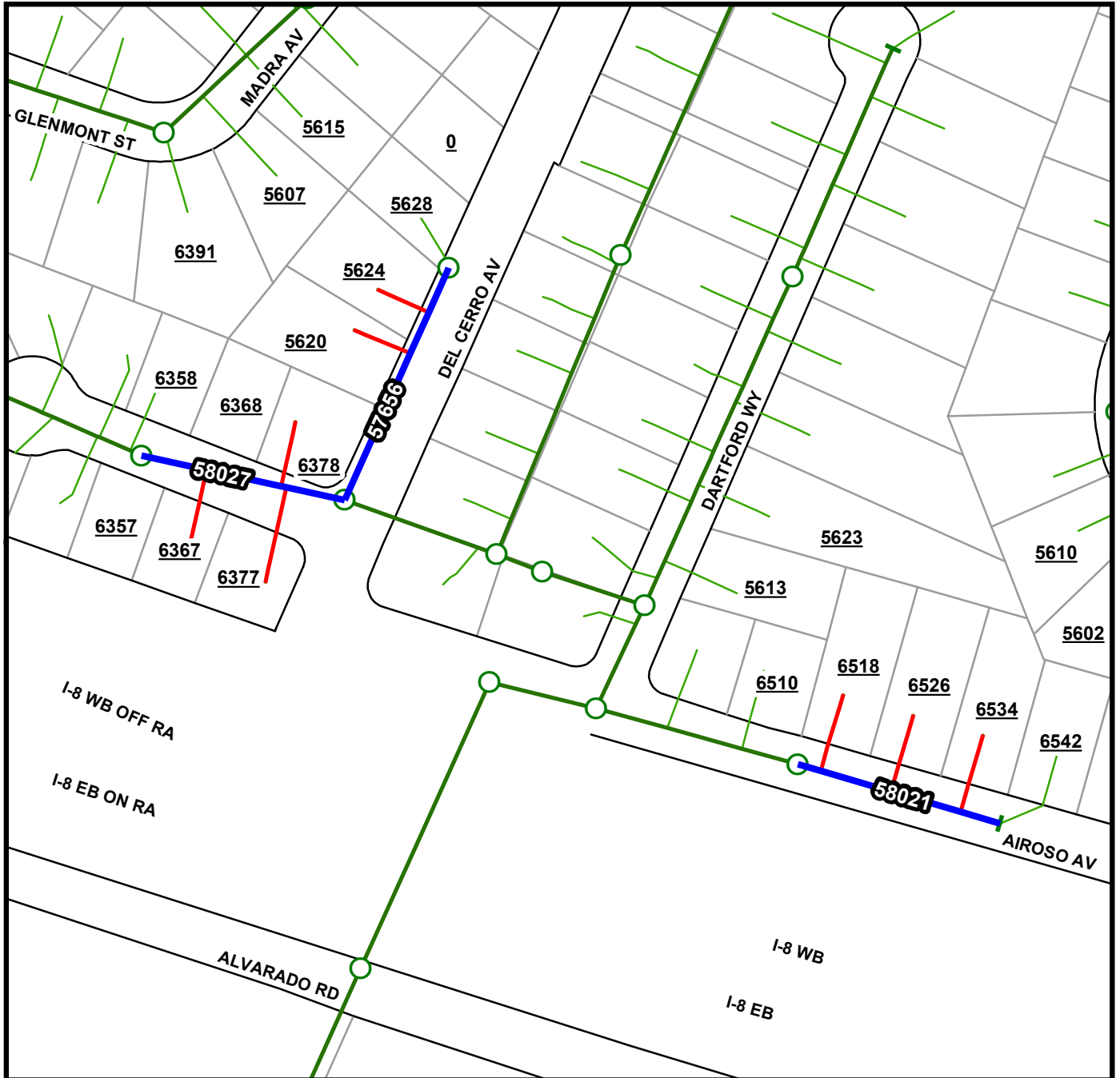
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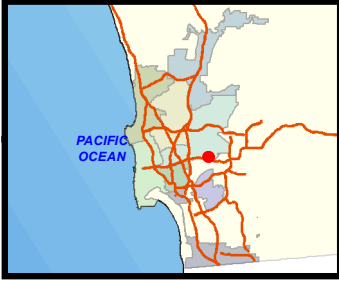
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Pipeline Rehab - Phase G-2 (Laterals)

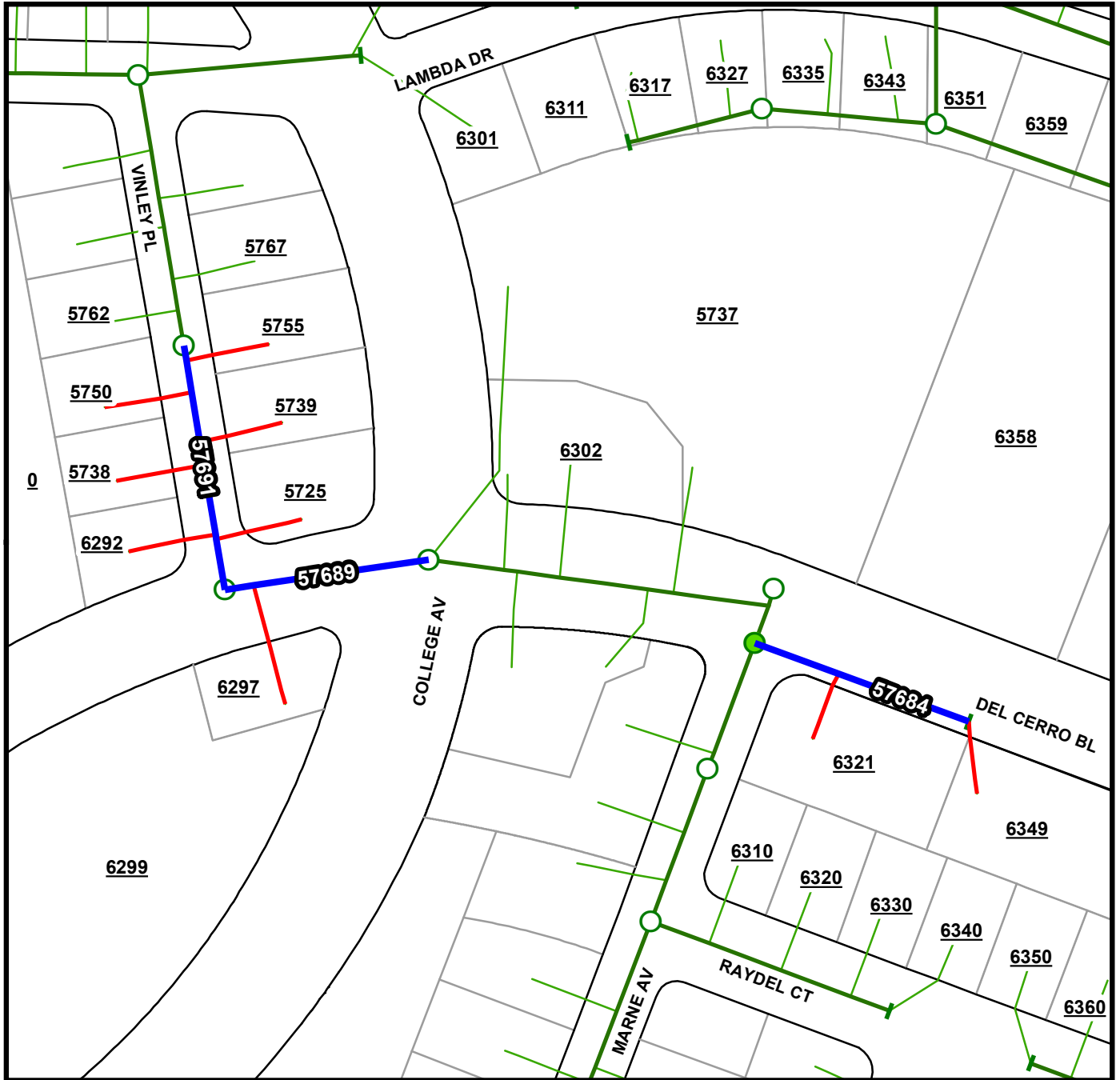
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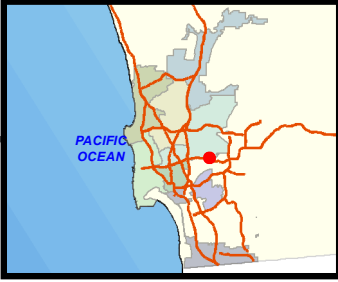
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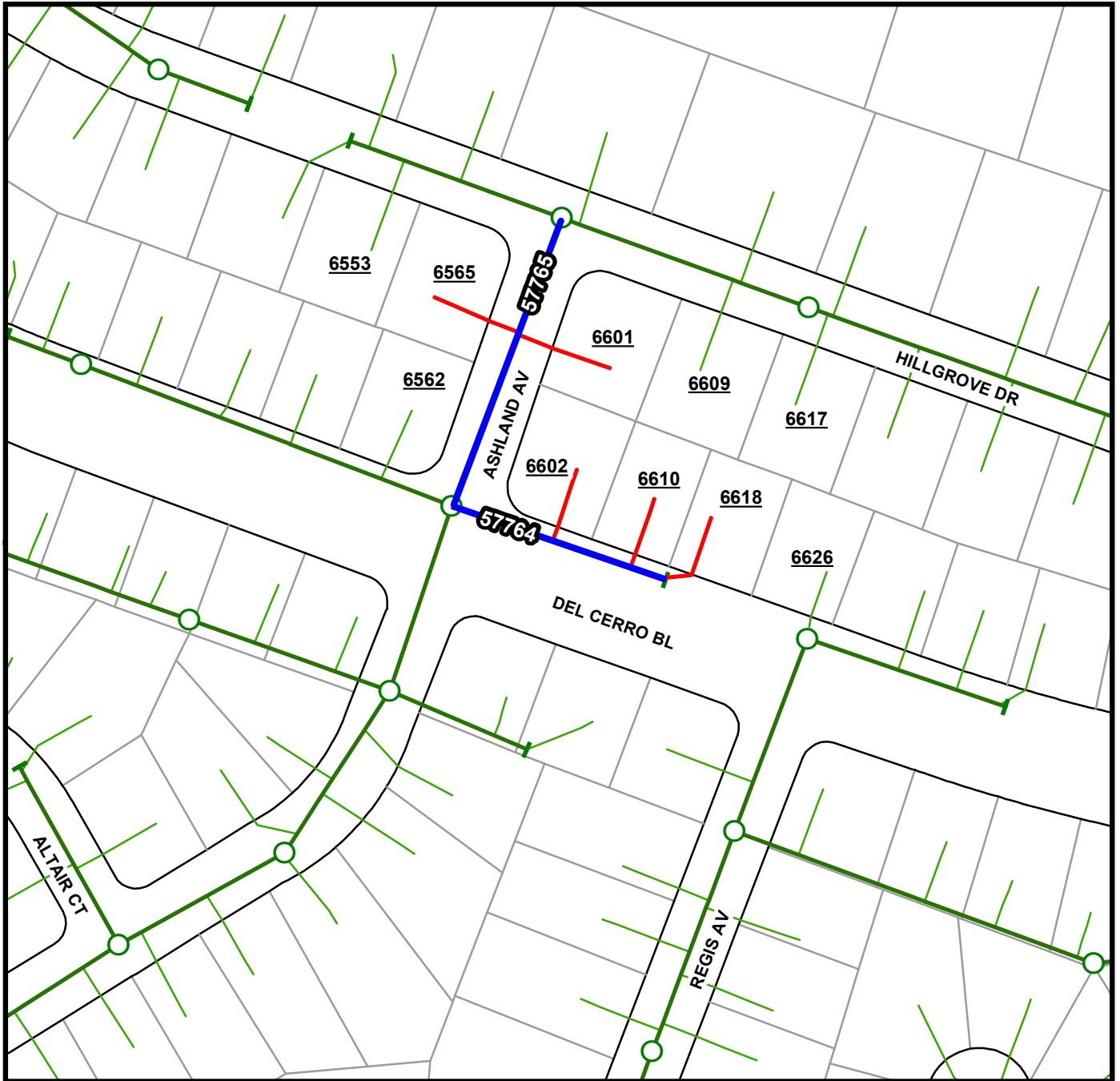
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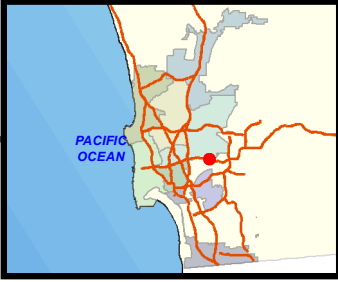
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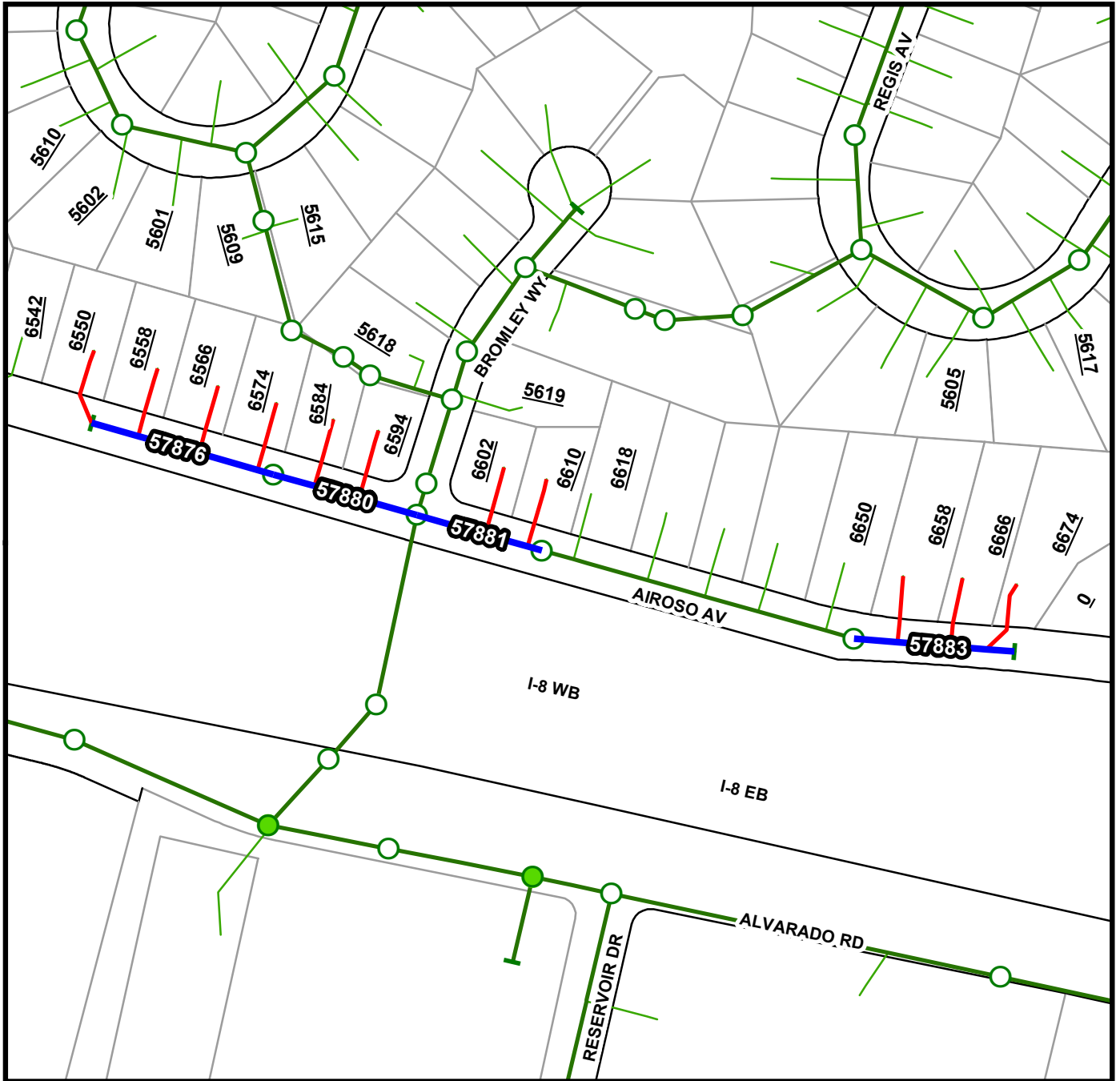
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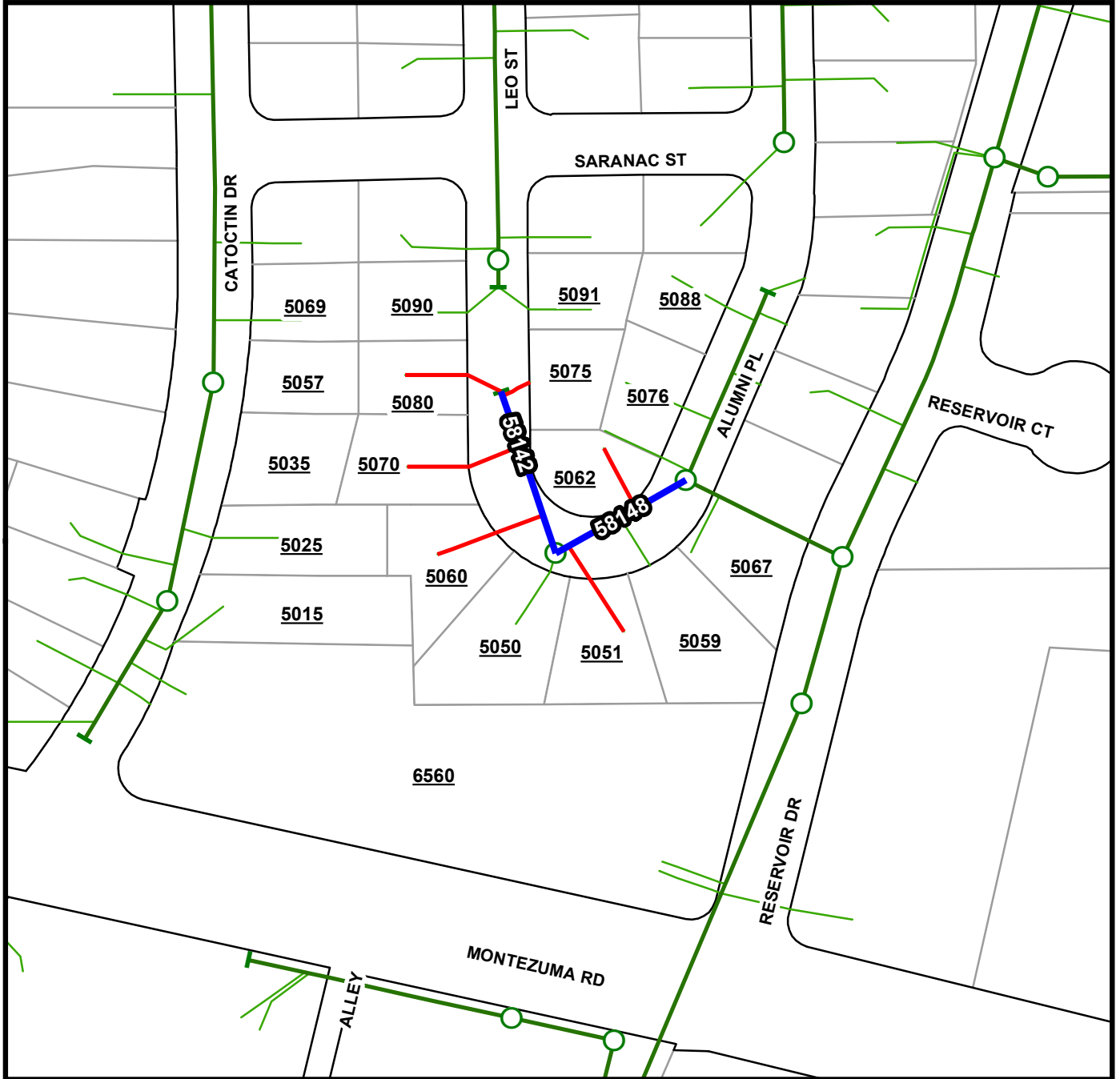
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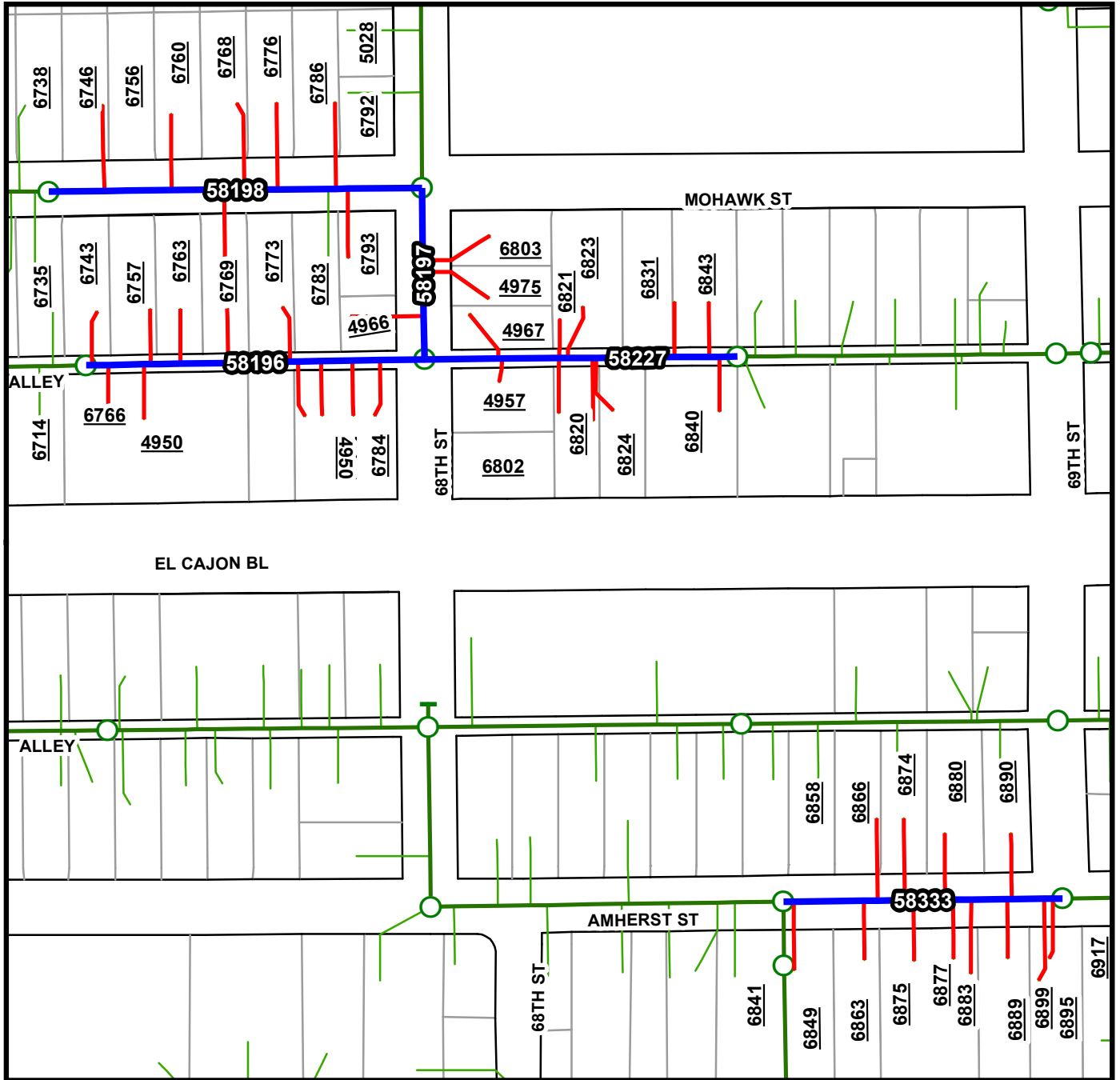
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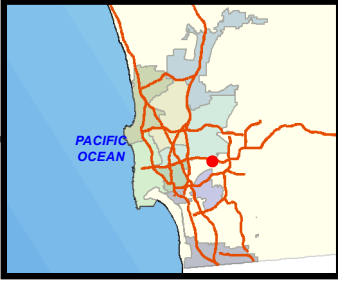
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Pipeline Rehab - Phase G-2 (Laterals)

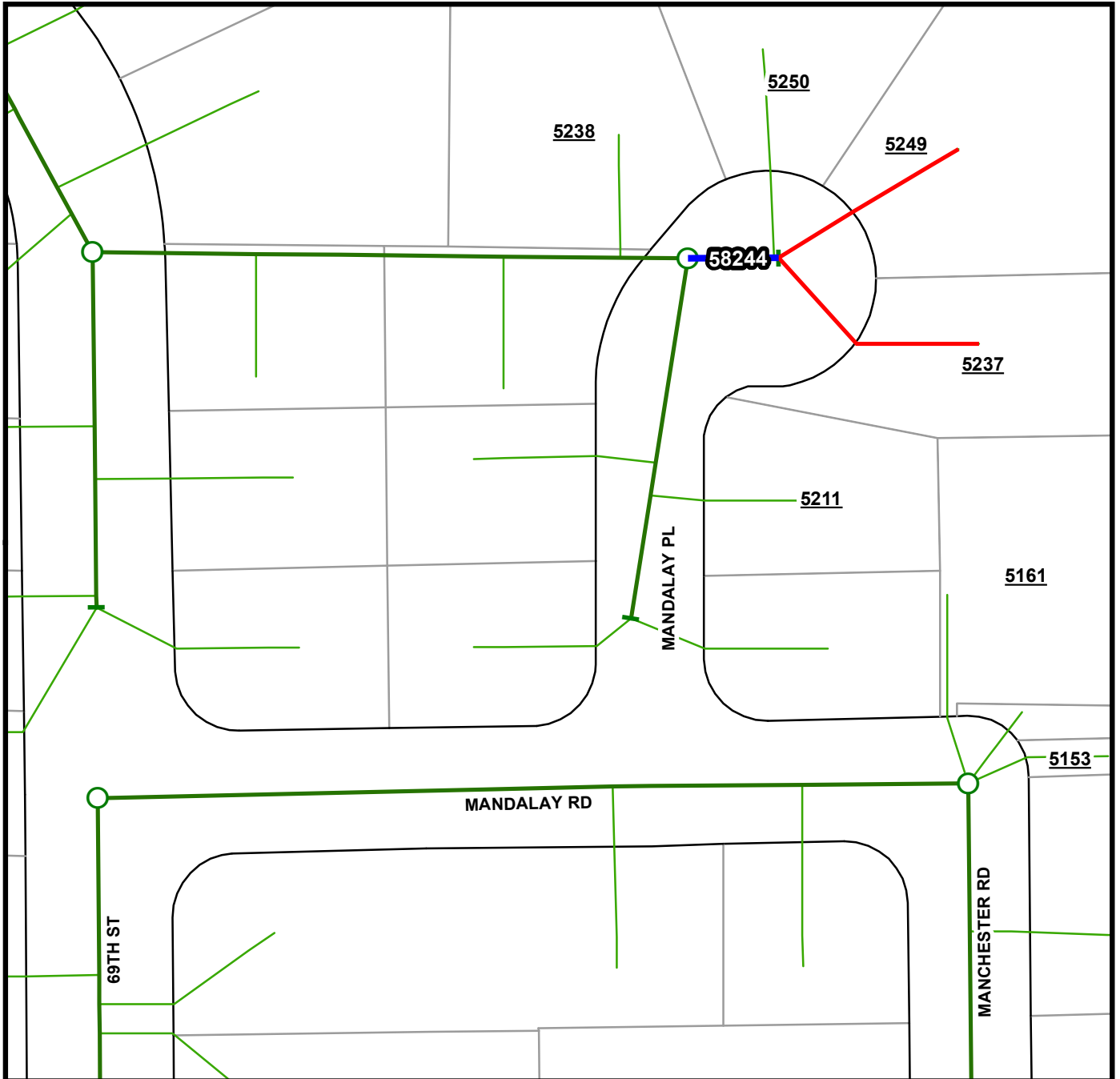
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Pipeline Rehab - Phase G-2 (Laterals)

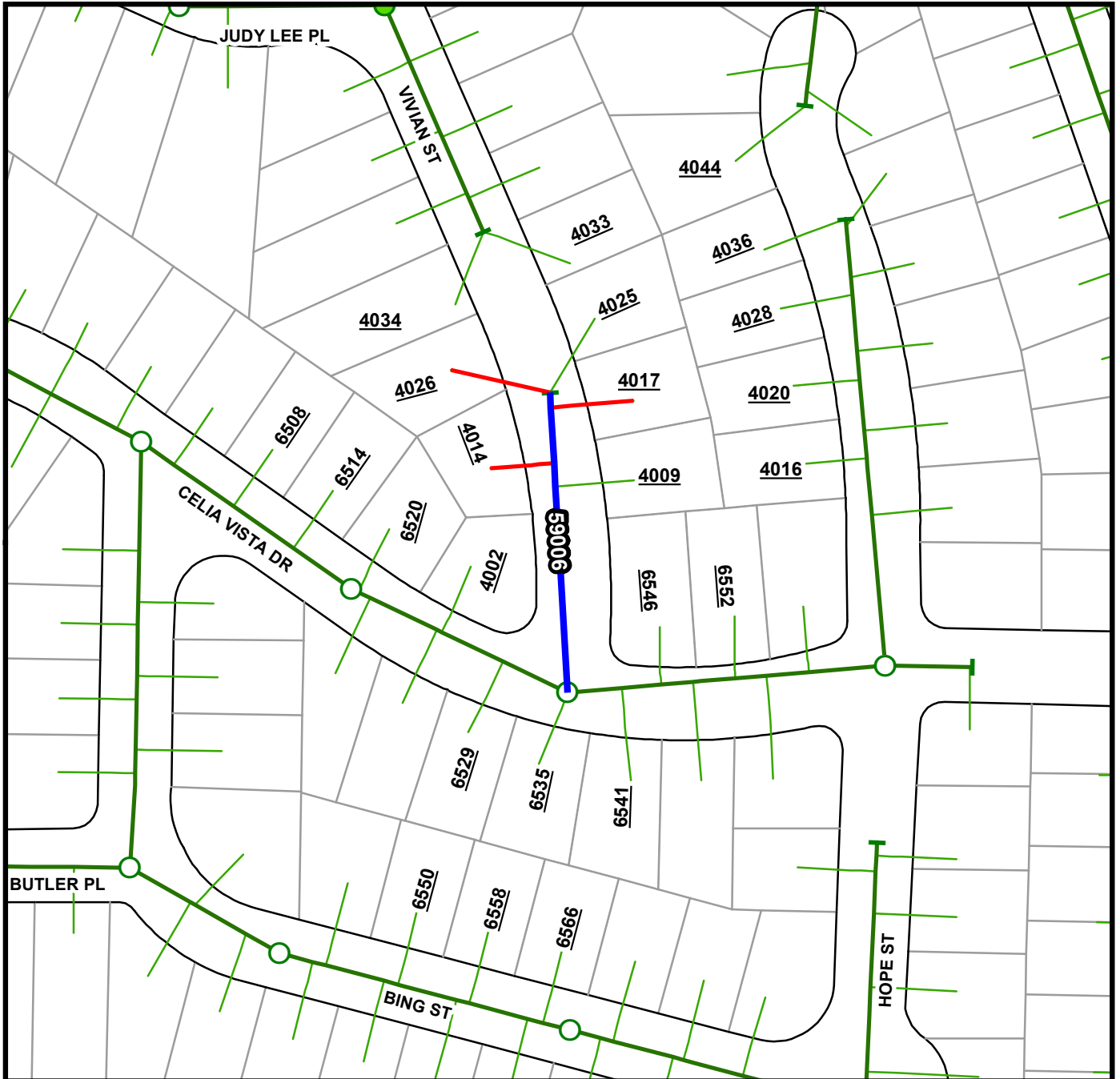
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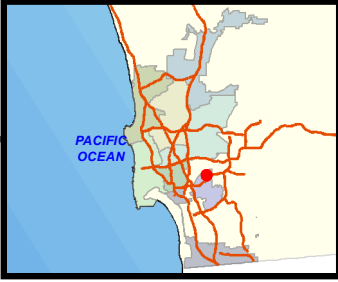
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Pipeline Rehab - Phase G-2 (Laterals)

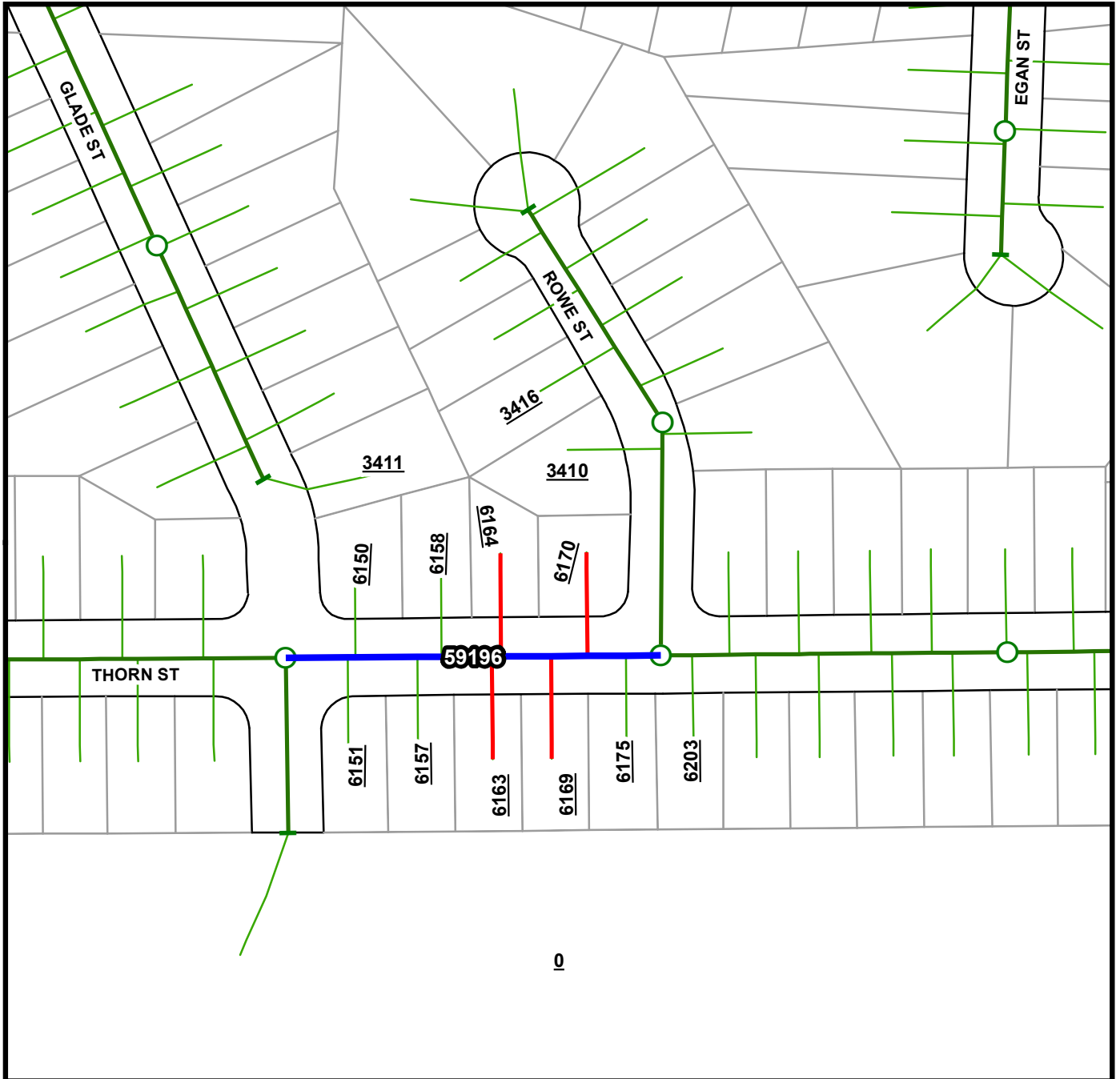
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Pipeline Rehab - Phase G-2 (Laterals)

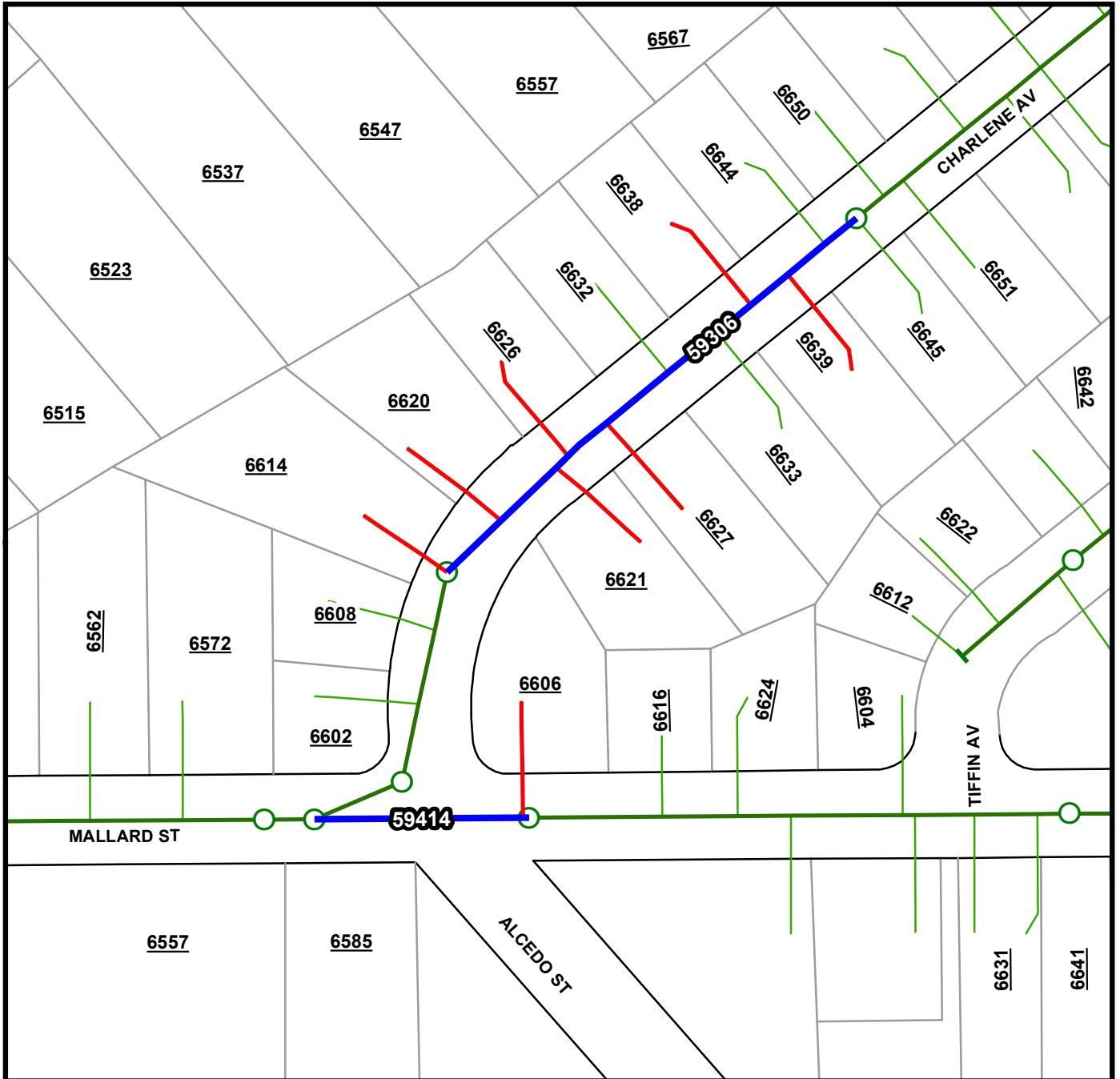
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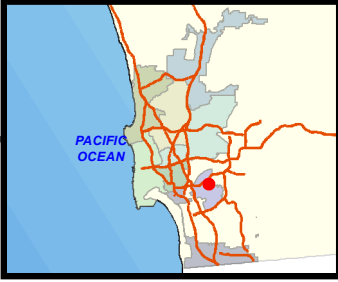
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Pipeline Rehab - Phase G-2 (Laterals)

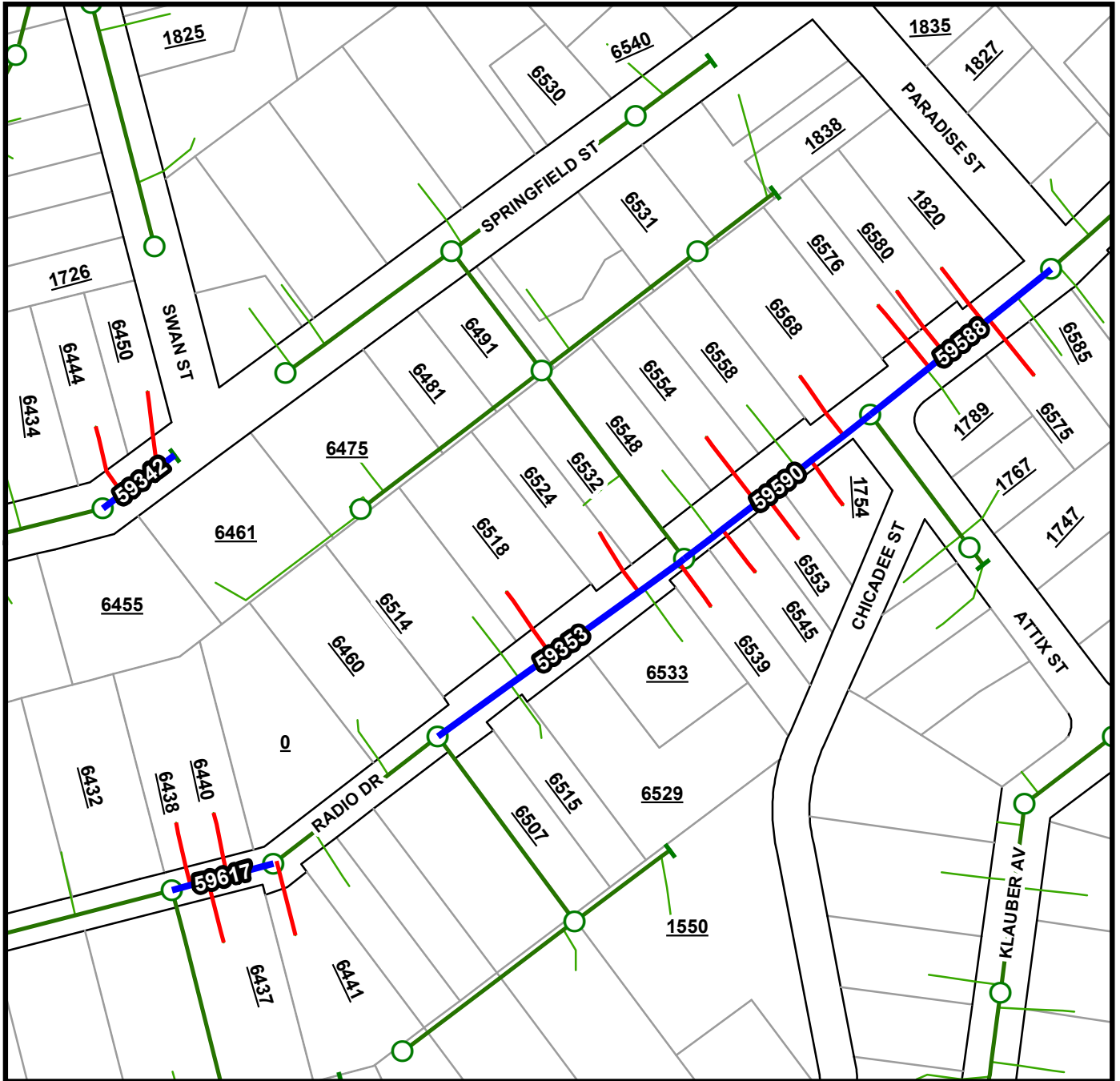
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Pipeline Rehab - Phase G-2 (Laterals)

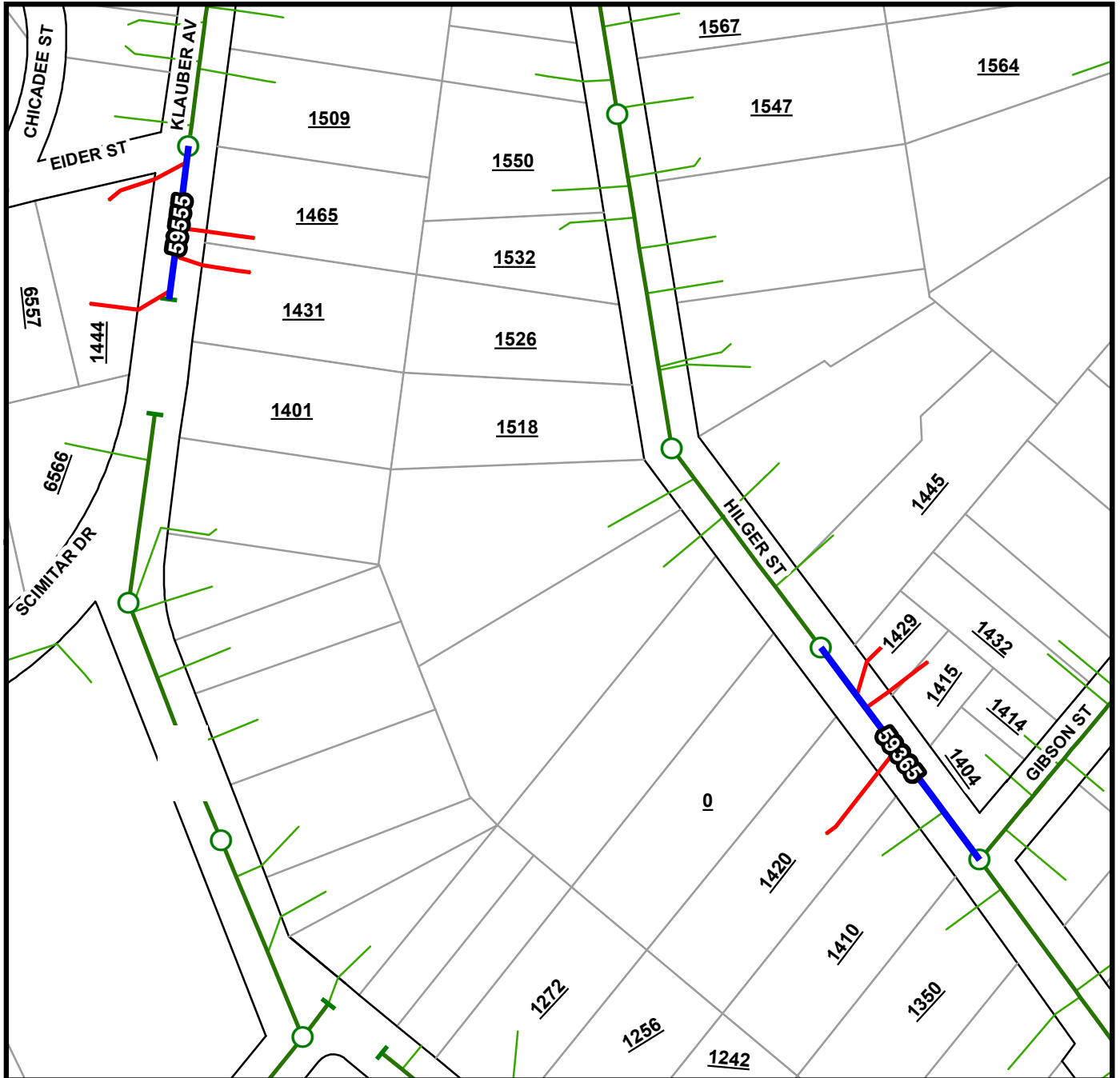
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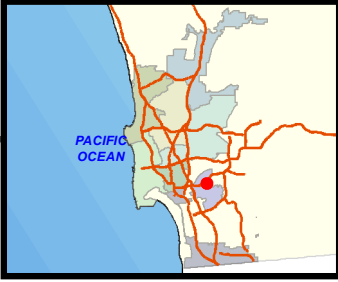
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Pipeline Rehab - Phase G-2 (Laterals)

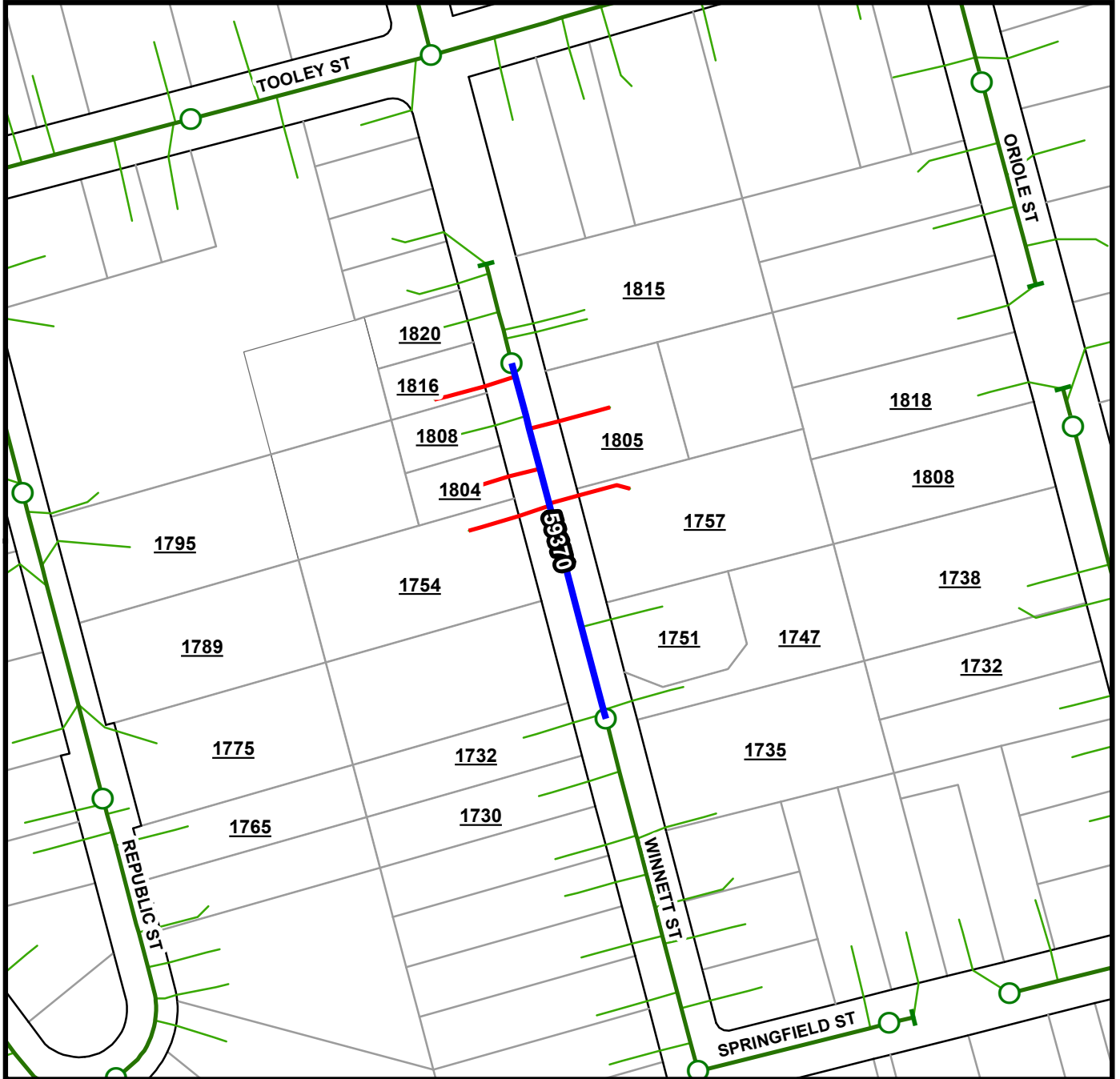
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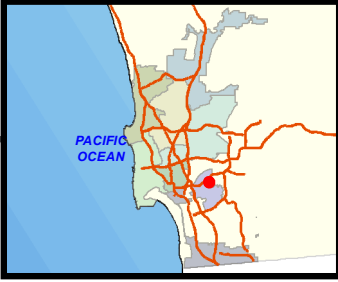
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Pipeline Rehab - Phase G-2 (Laterals)

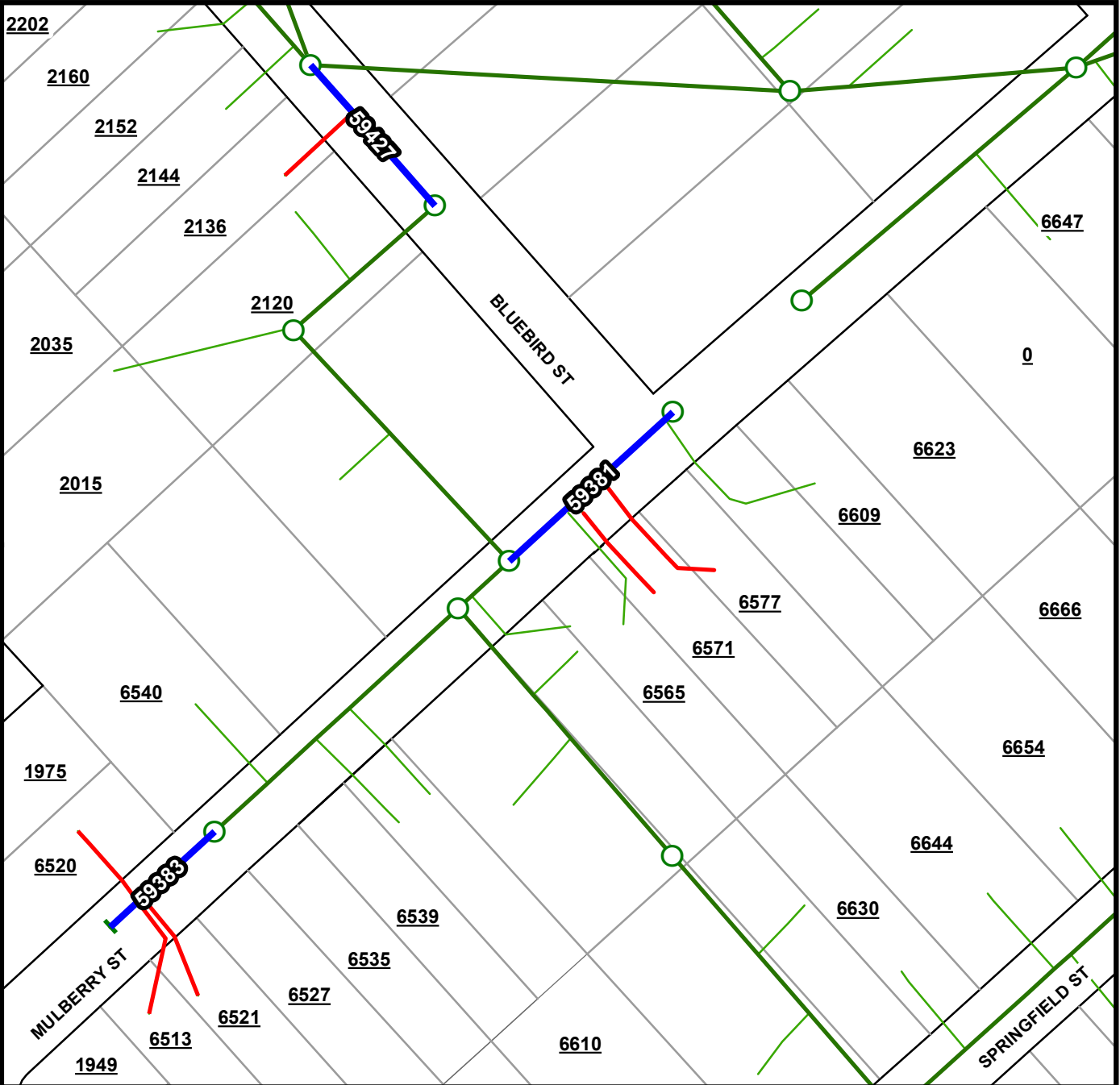
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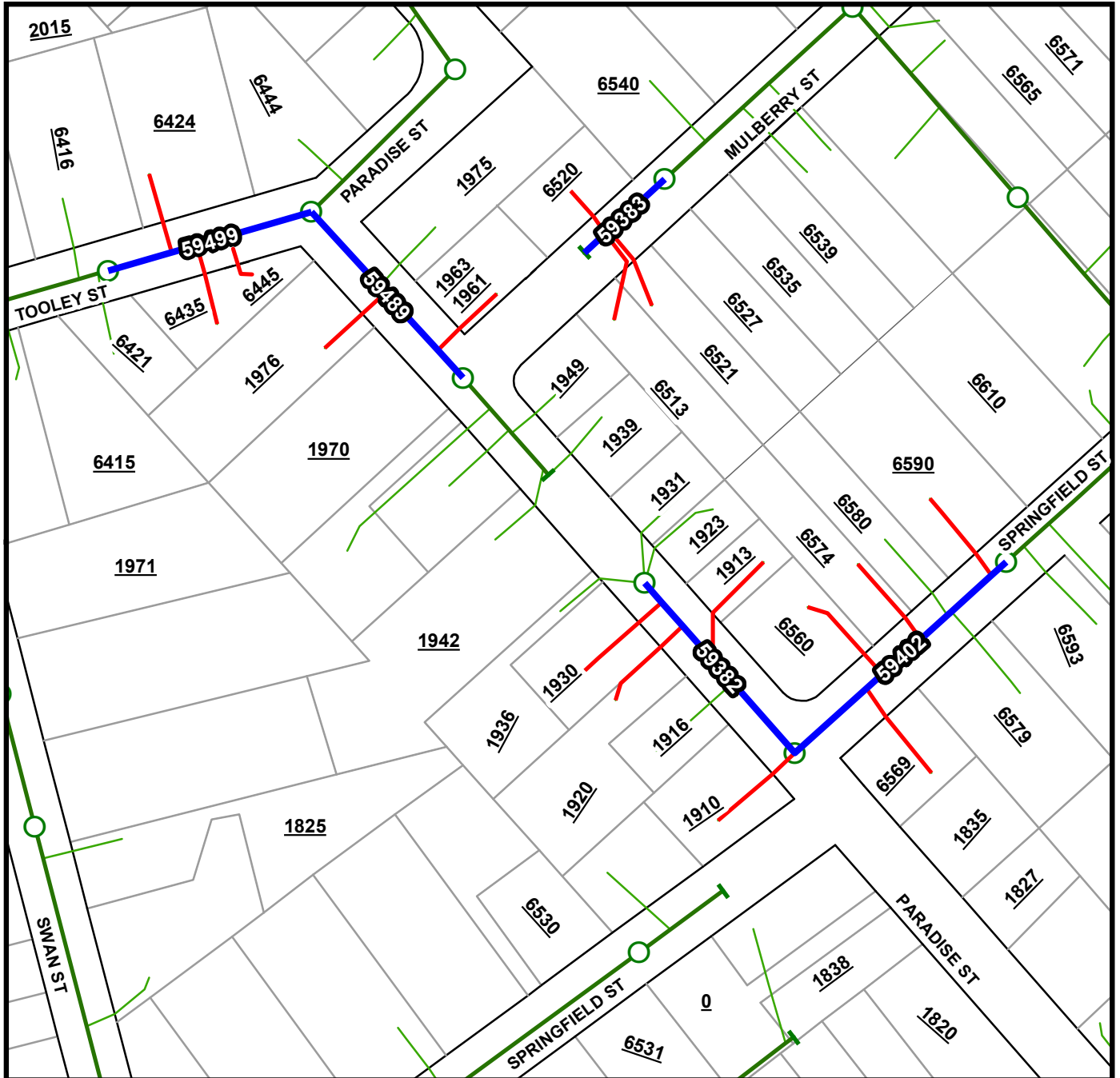
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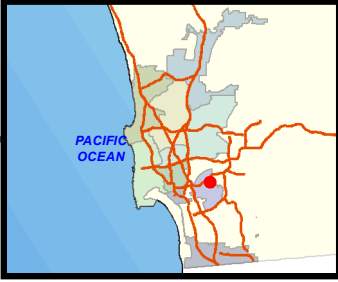
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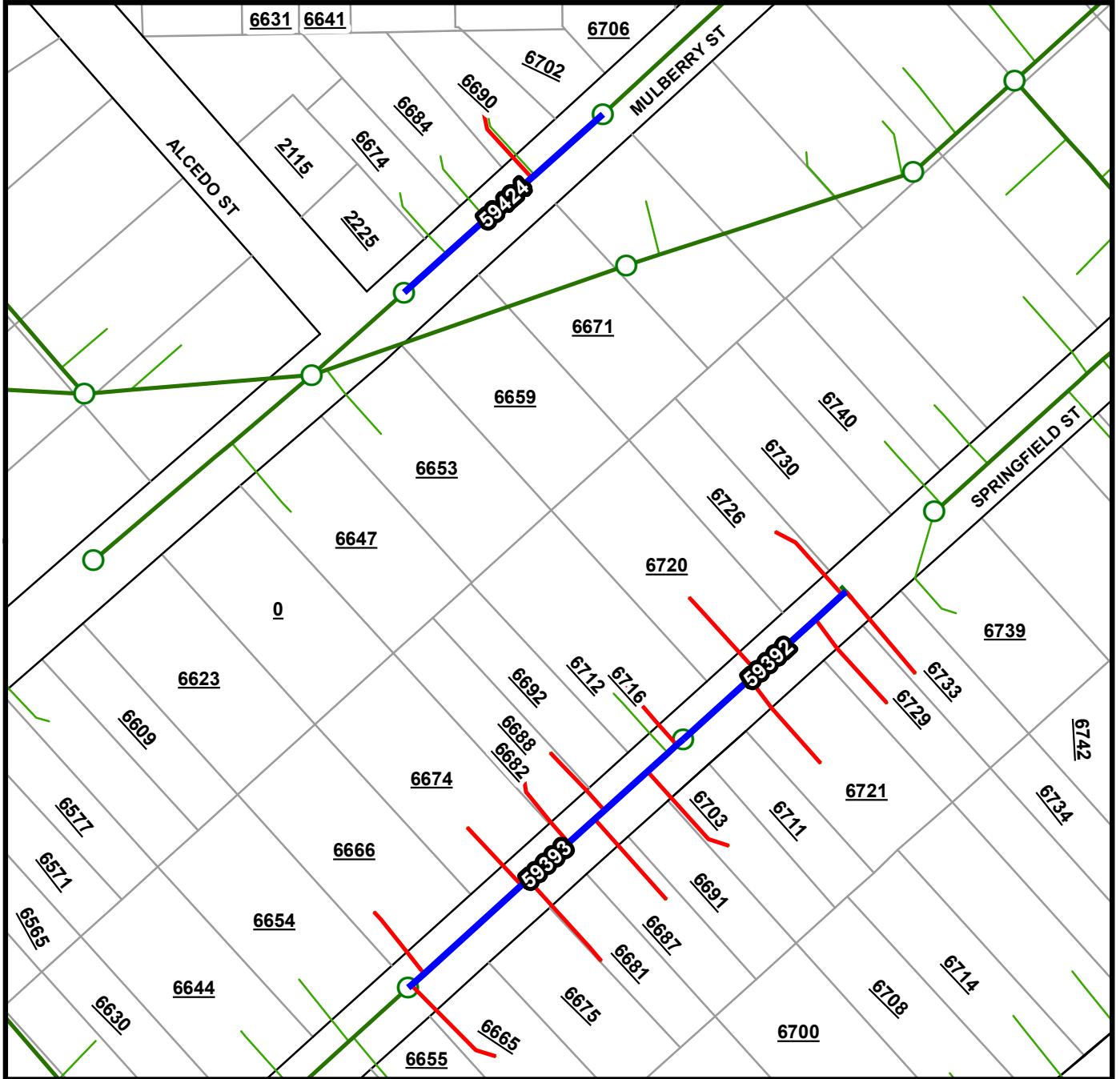
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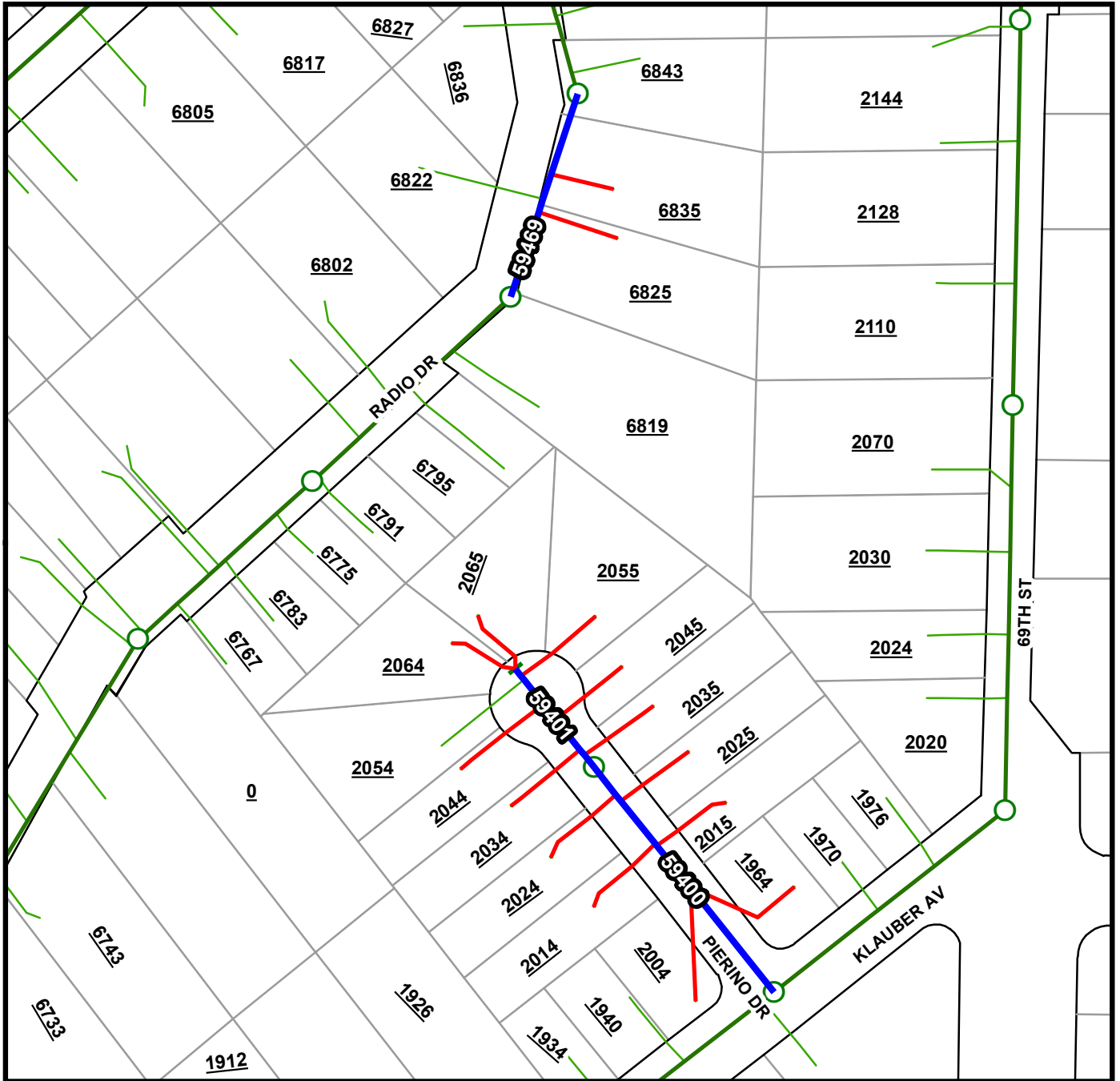
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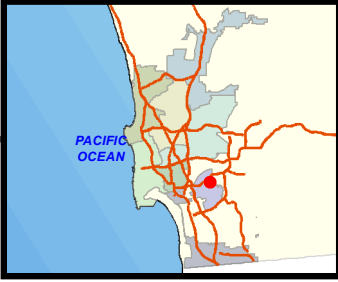
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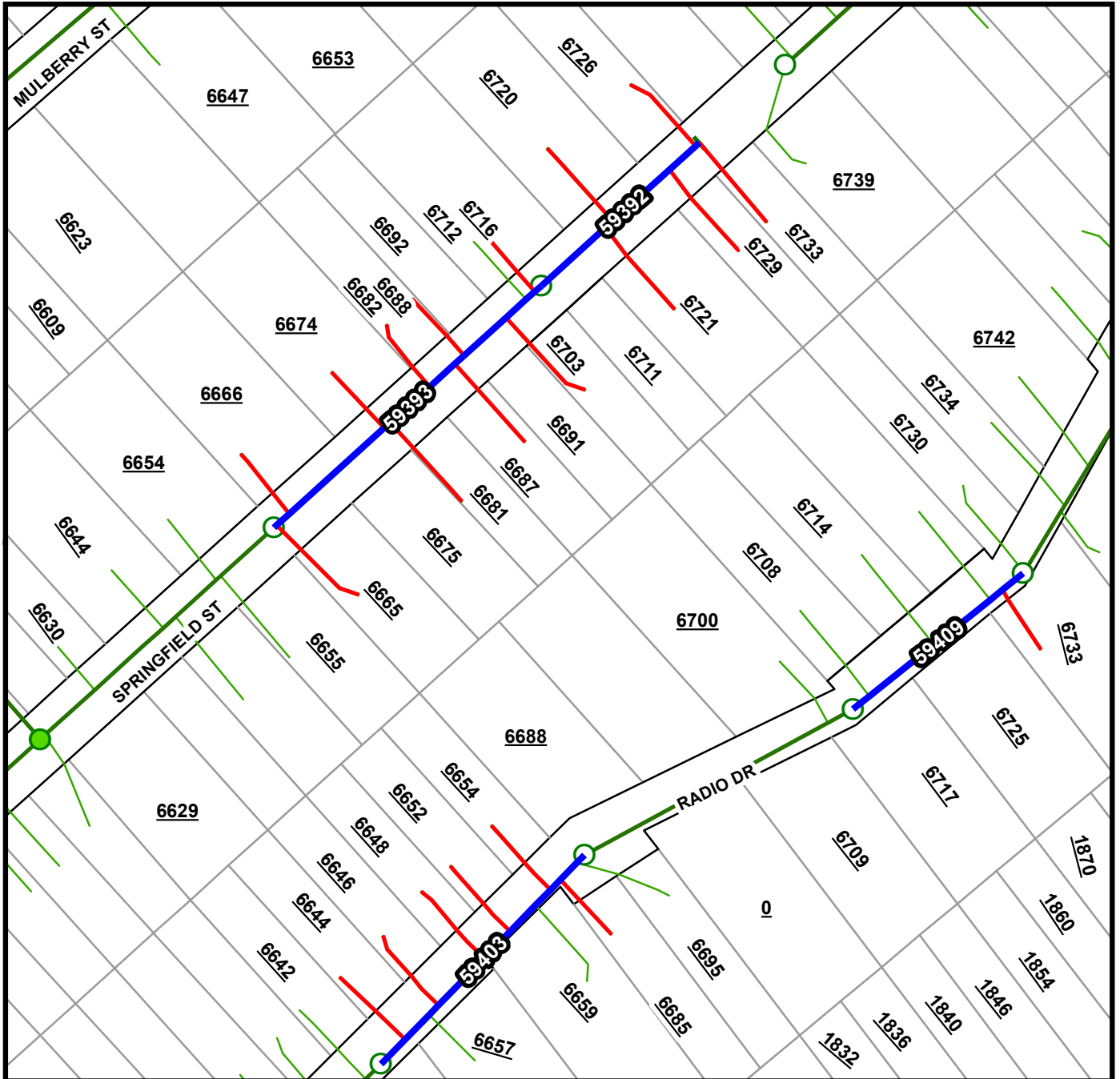
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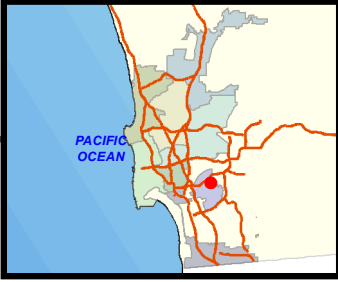
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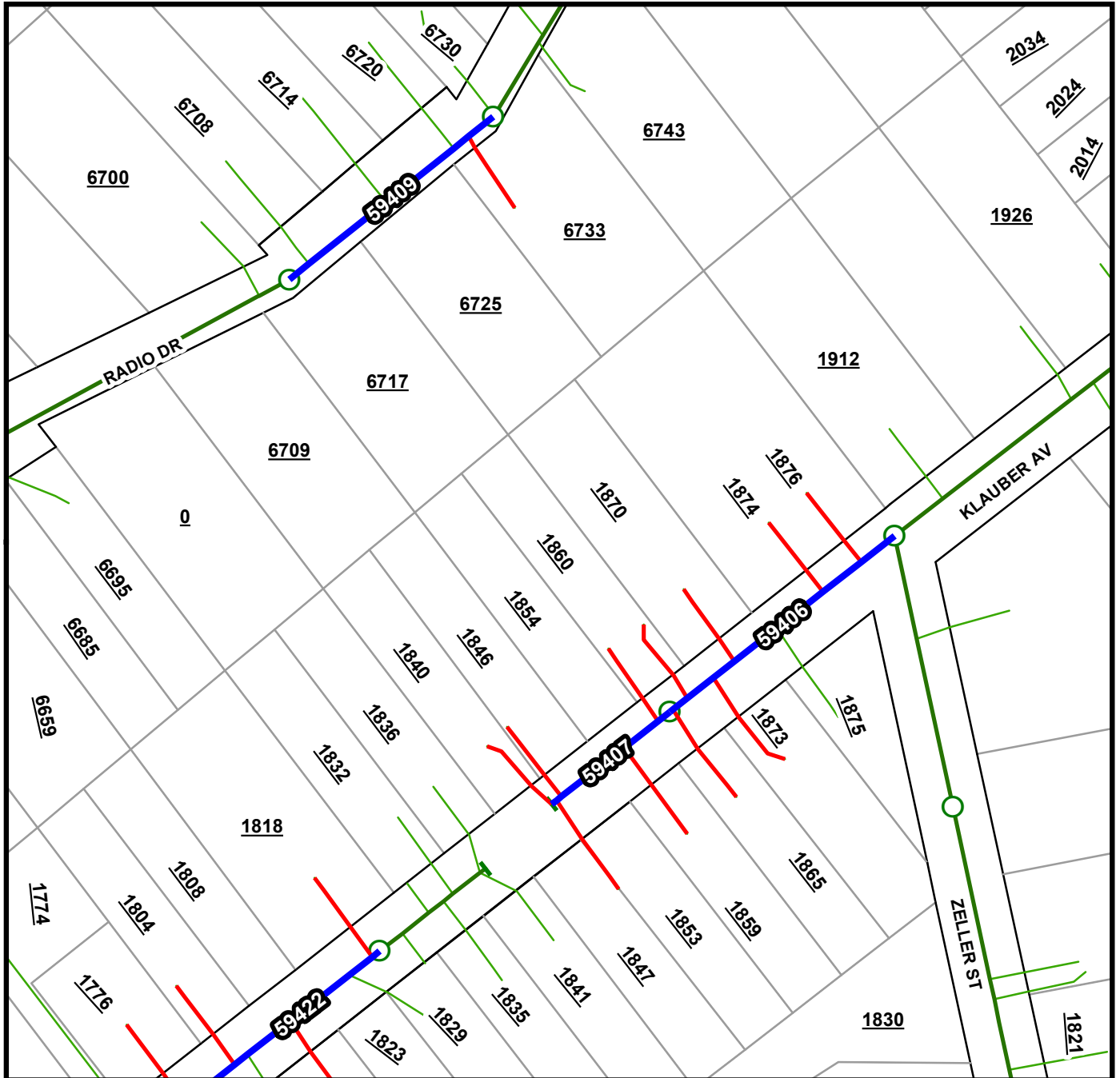
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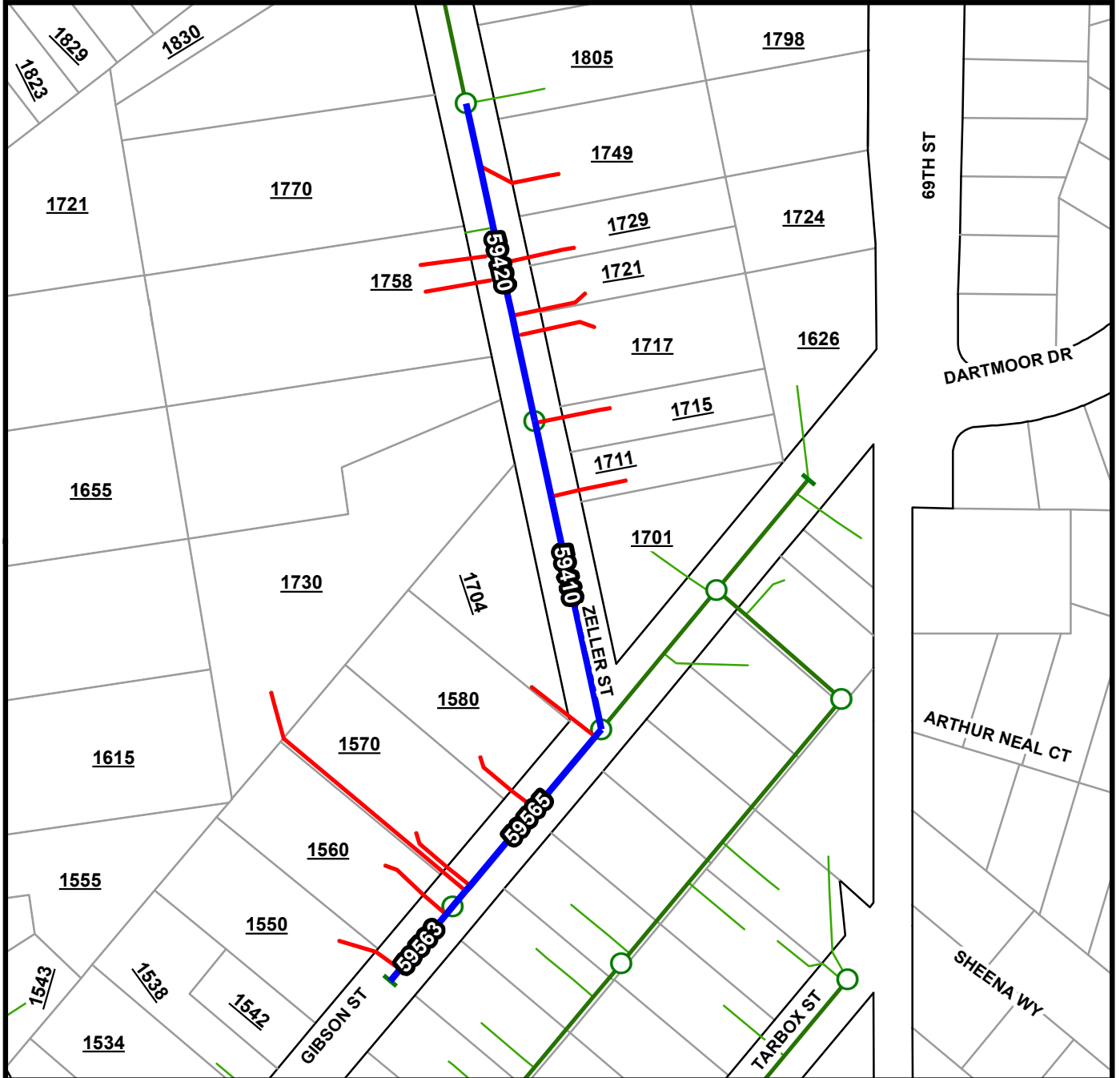
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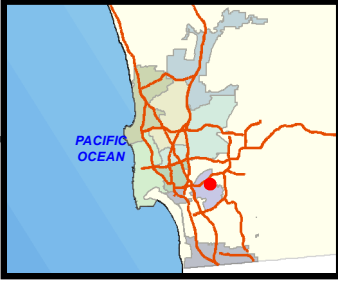
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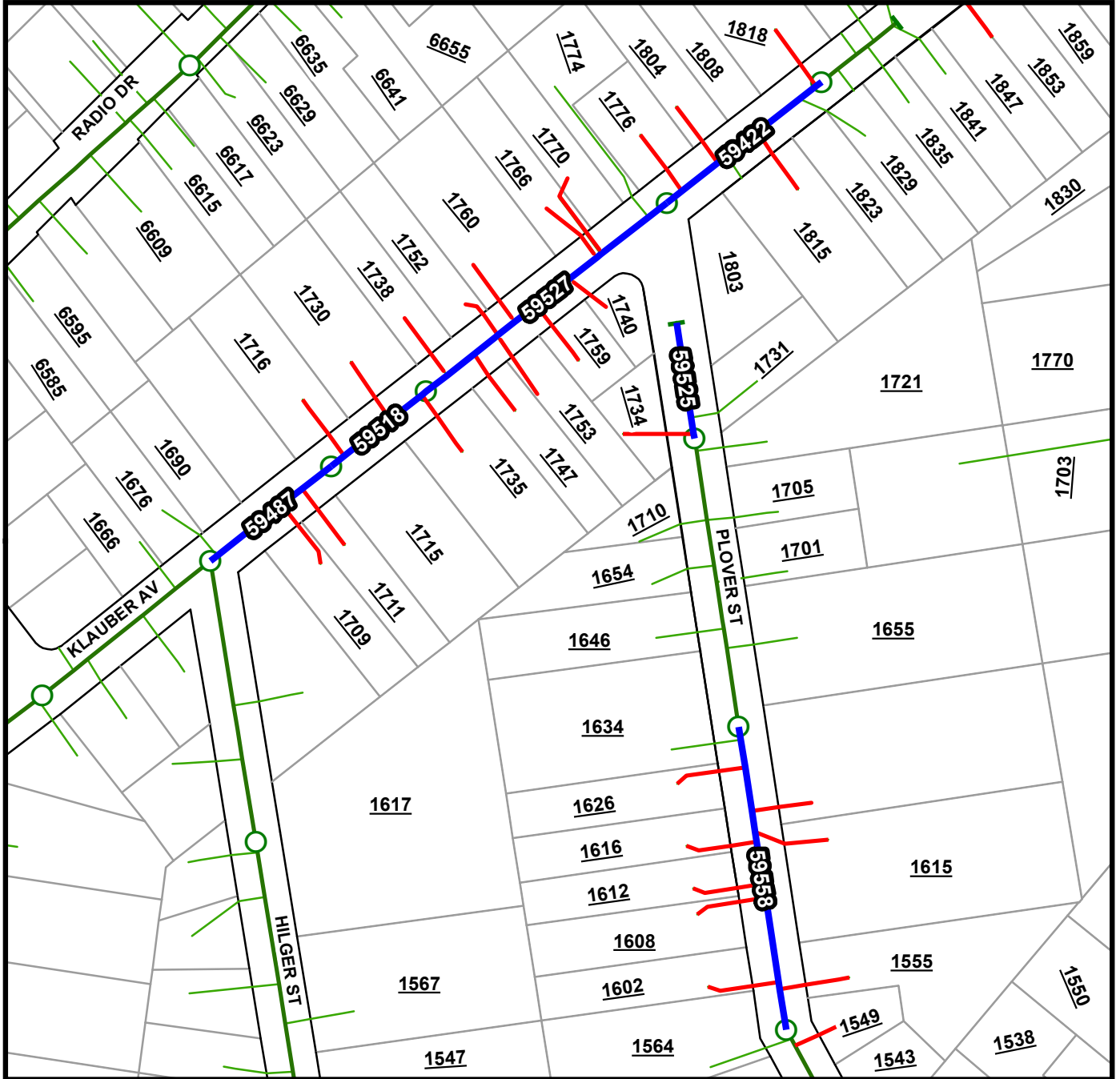
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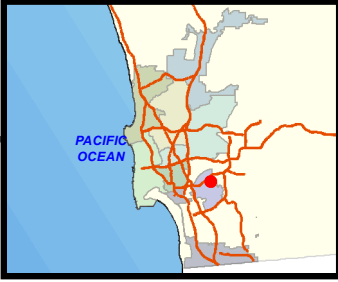
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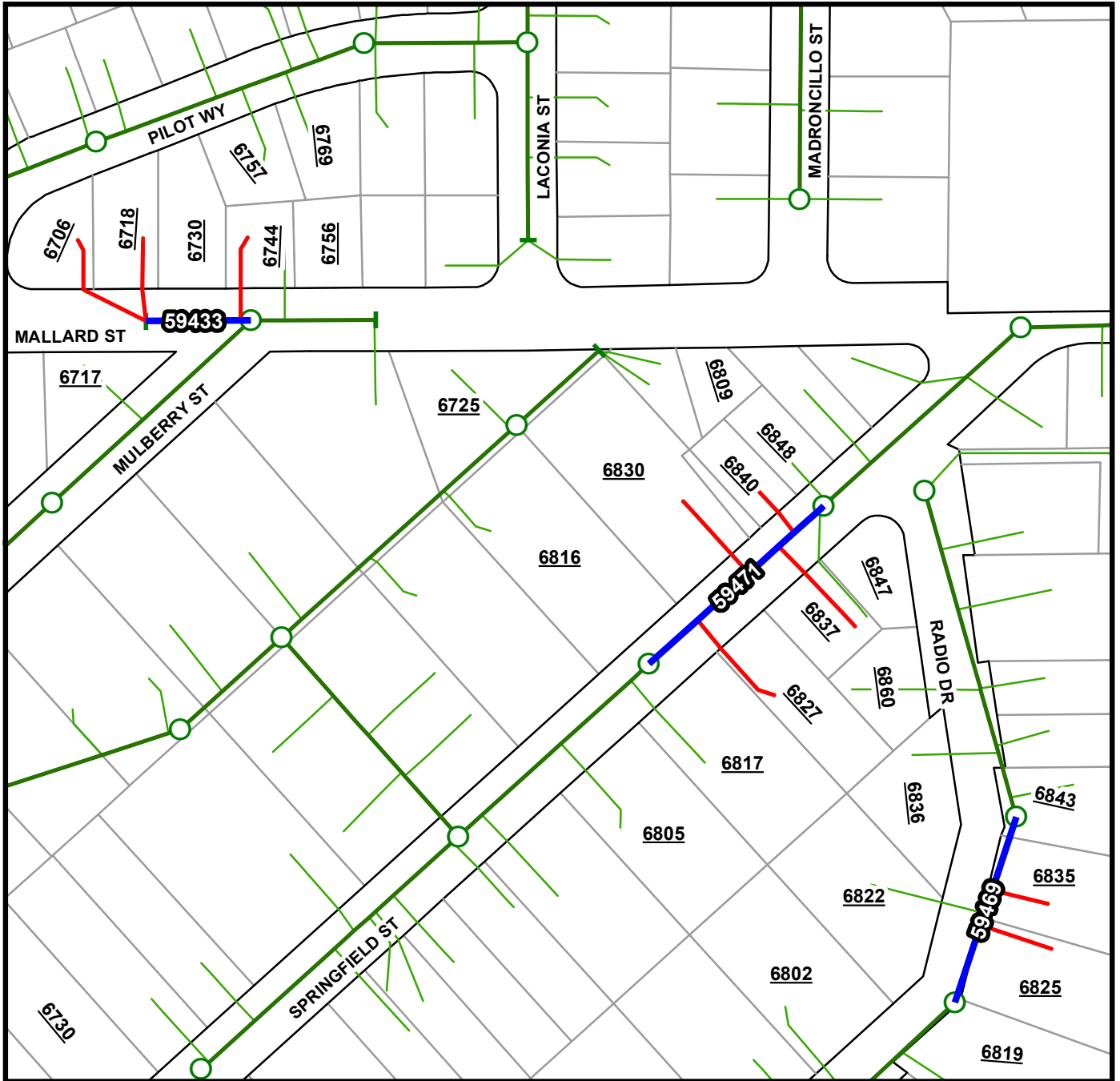
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Pipeline Rehab - Phase G-2 (Laterals)

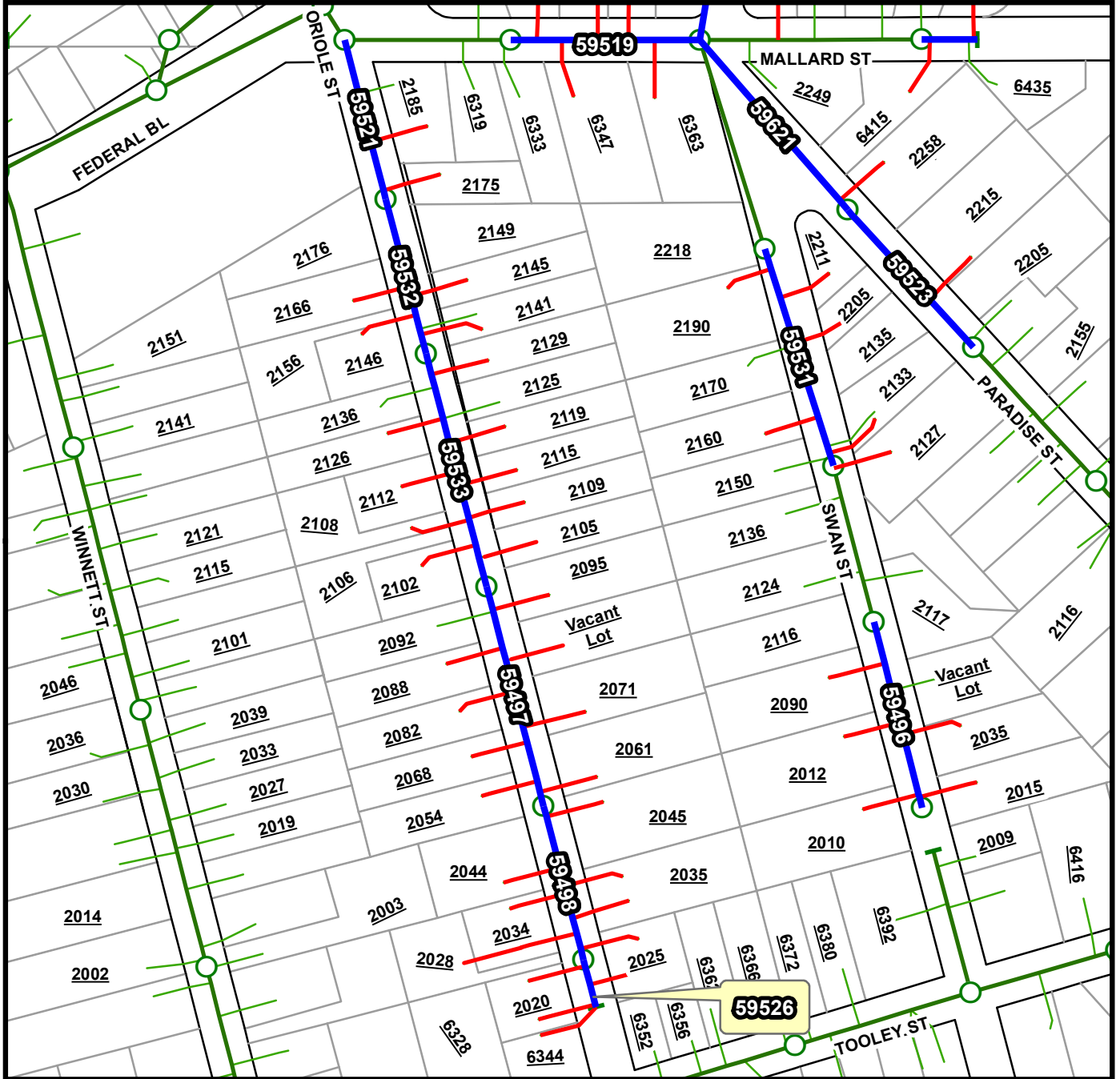
SENIOR ENGINEER
Luis Schaar
619-533-7492

PROJECT MANAGER
Laila Nasrawi
619-533-4619



PROJECT ENGINEER
Lotus Lenguyen
619-533-4626

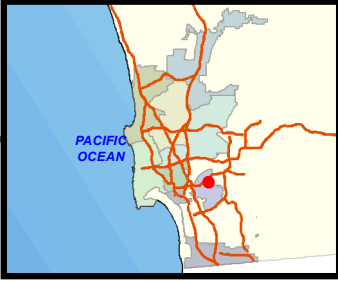
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Legend

- G2 Mains
- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

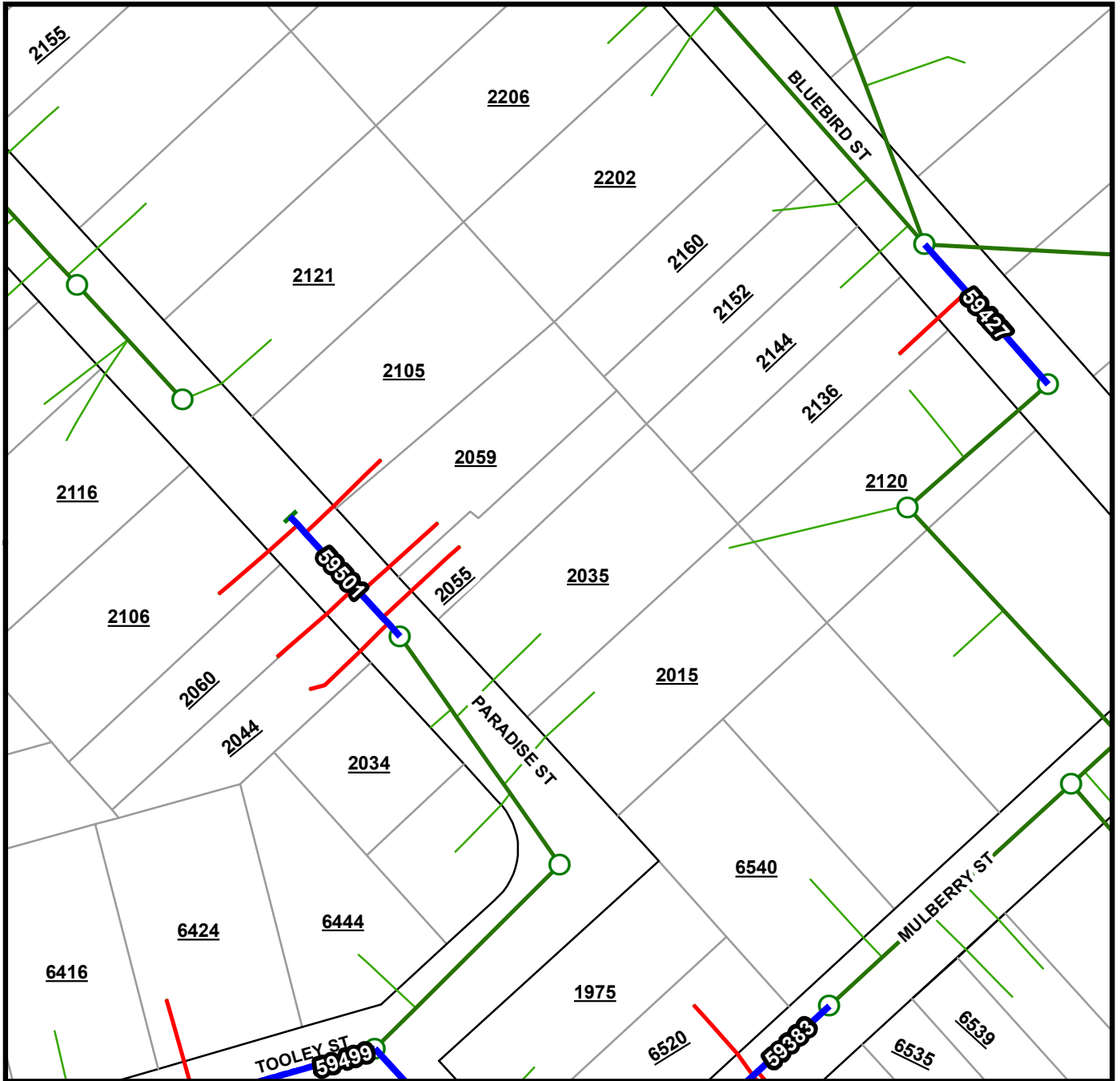
SENIOR ENGINEER
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Legend

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Pipeline Rehab - Phase G-2 (Laterals)

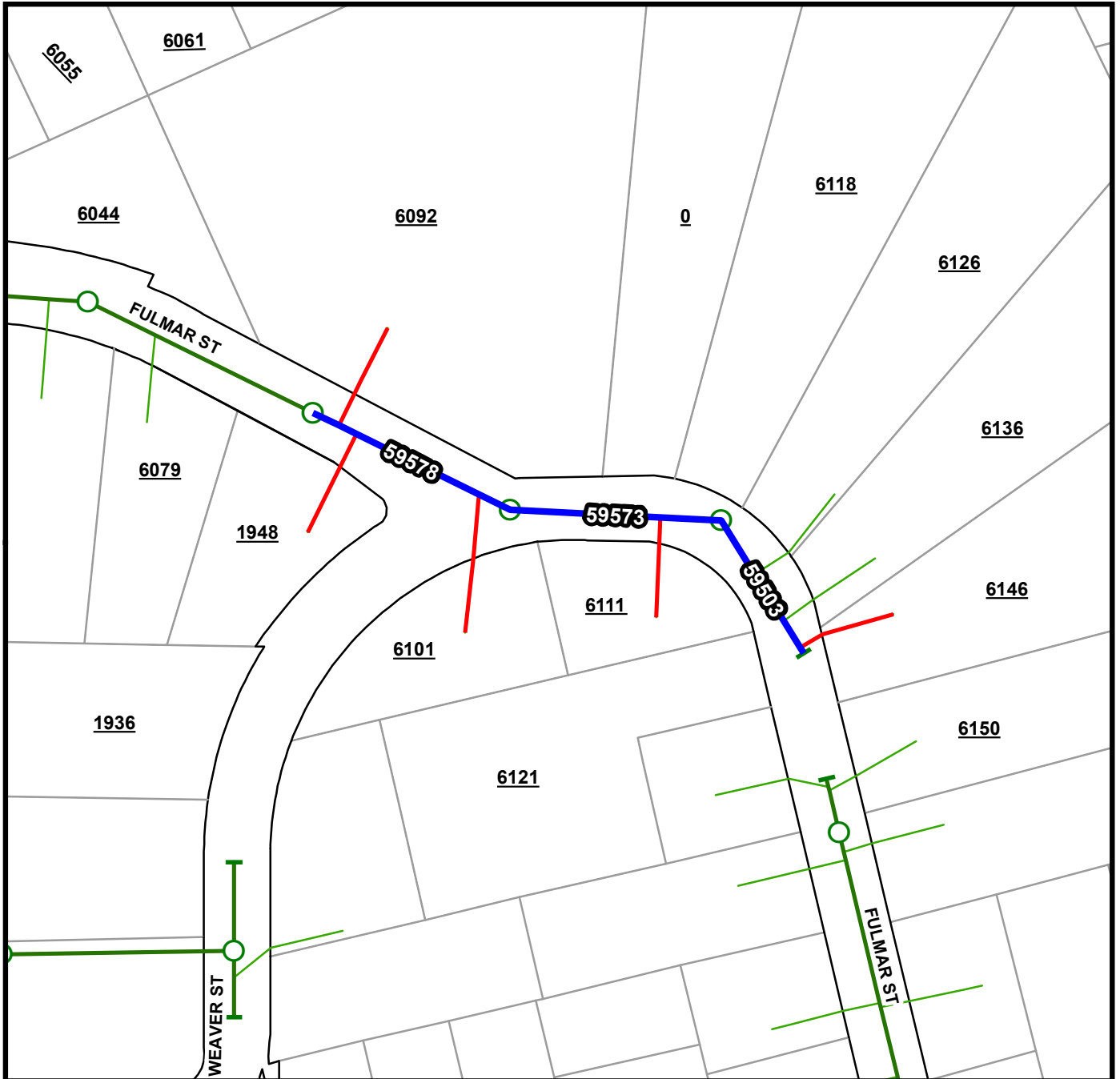
SENIOR ENGINEER
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Pipeline Rehab - Phase G-2 (Laterals)

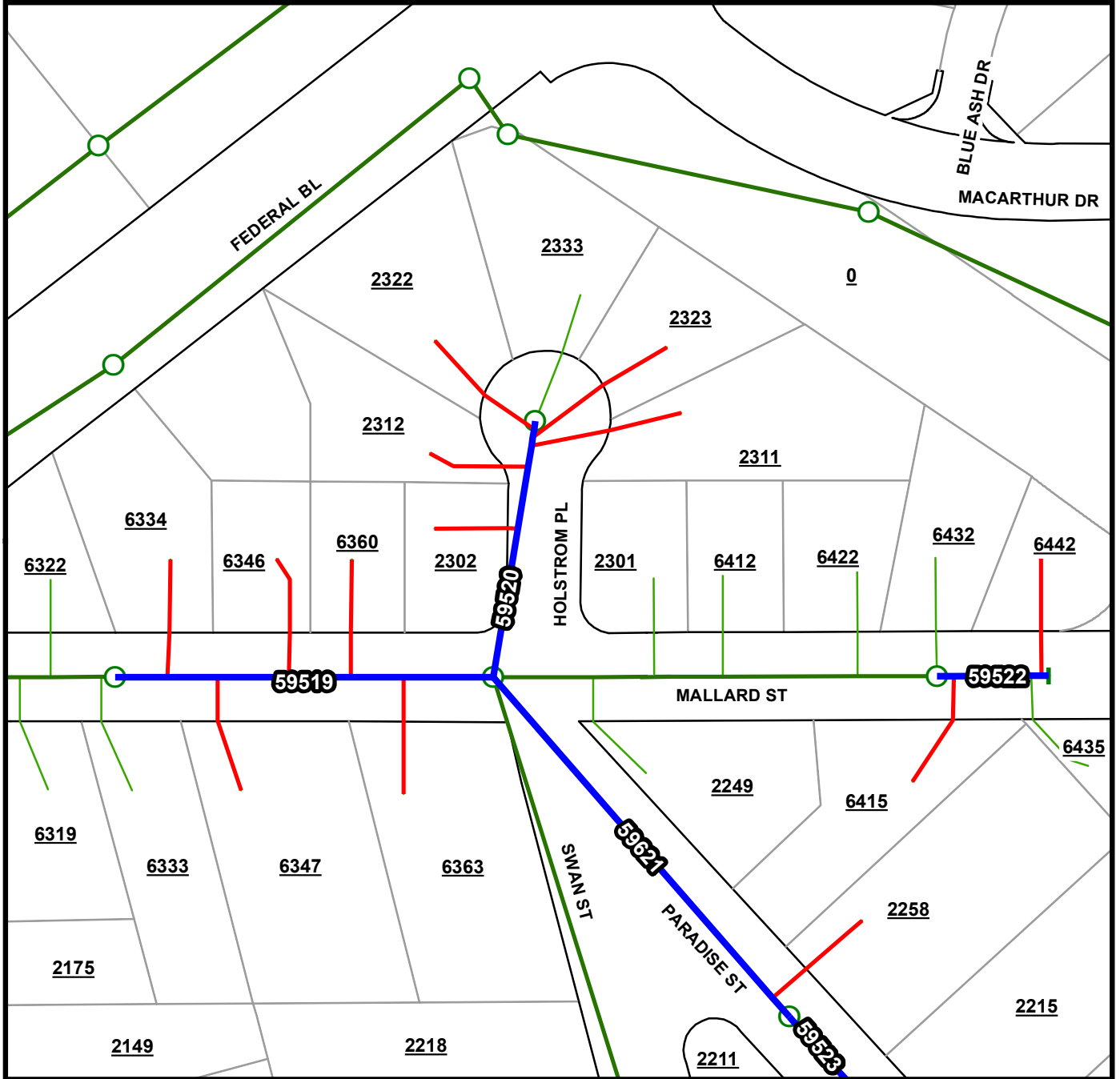
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Pipeline Rehab - Phase G-2 (Laterals)

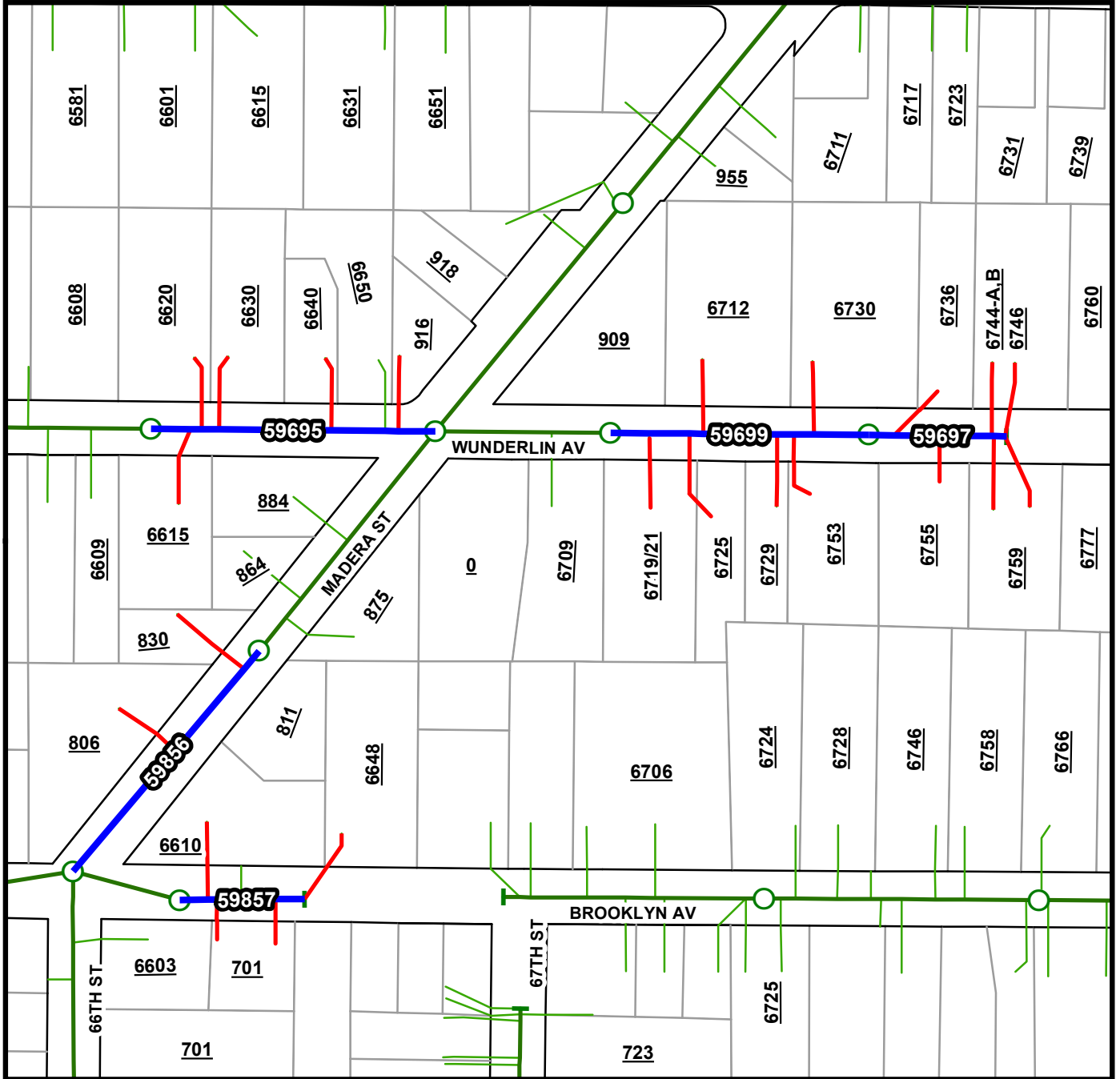
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Pipeline Rehab - Phase G-2 (Laterals)

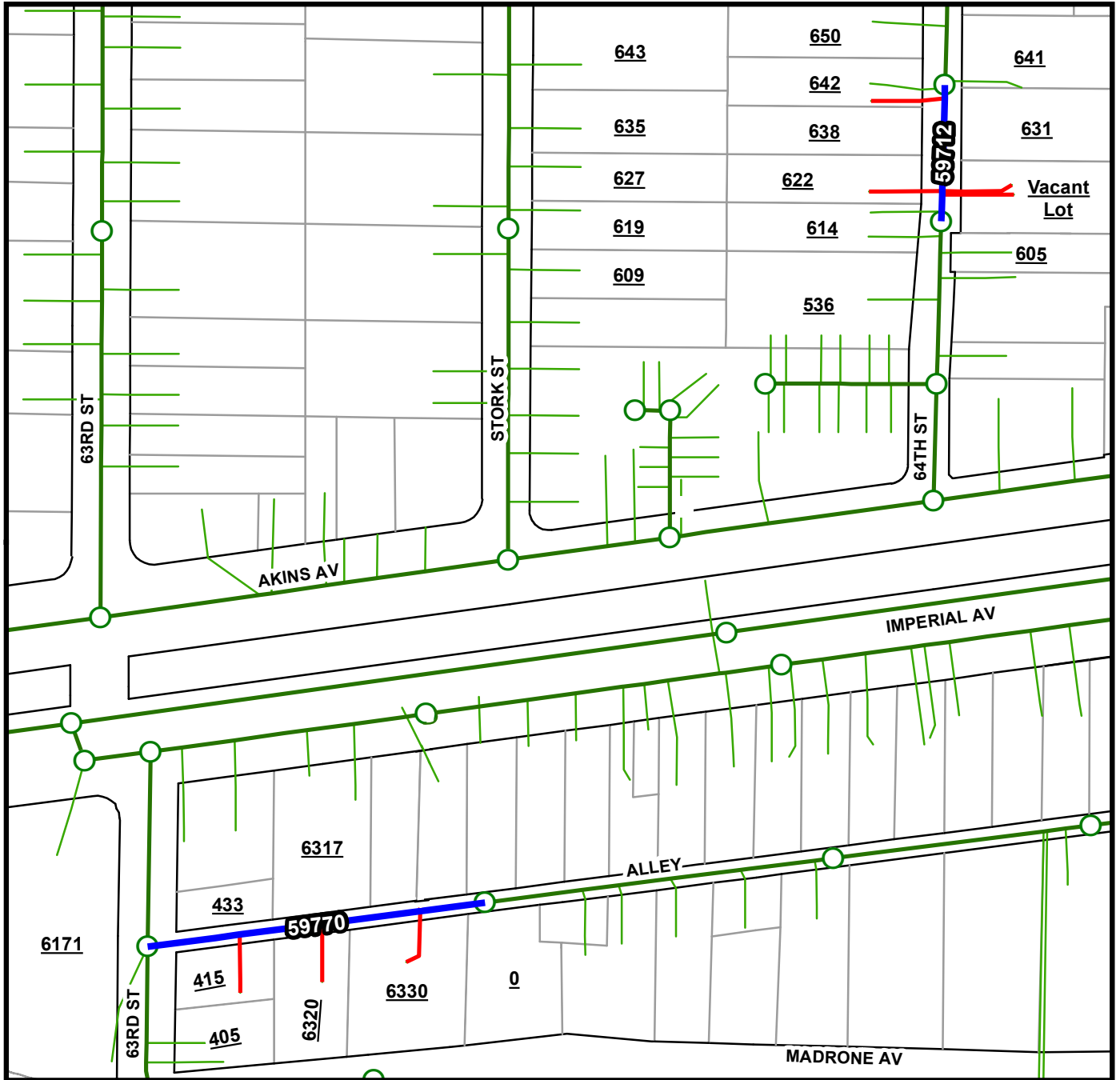
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Pipeline Rehab - Phase G-2 (Laterals)

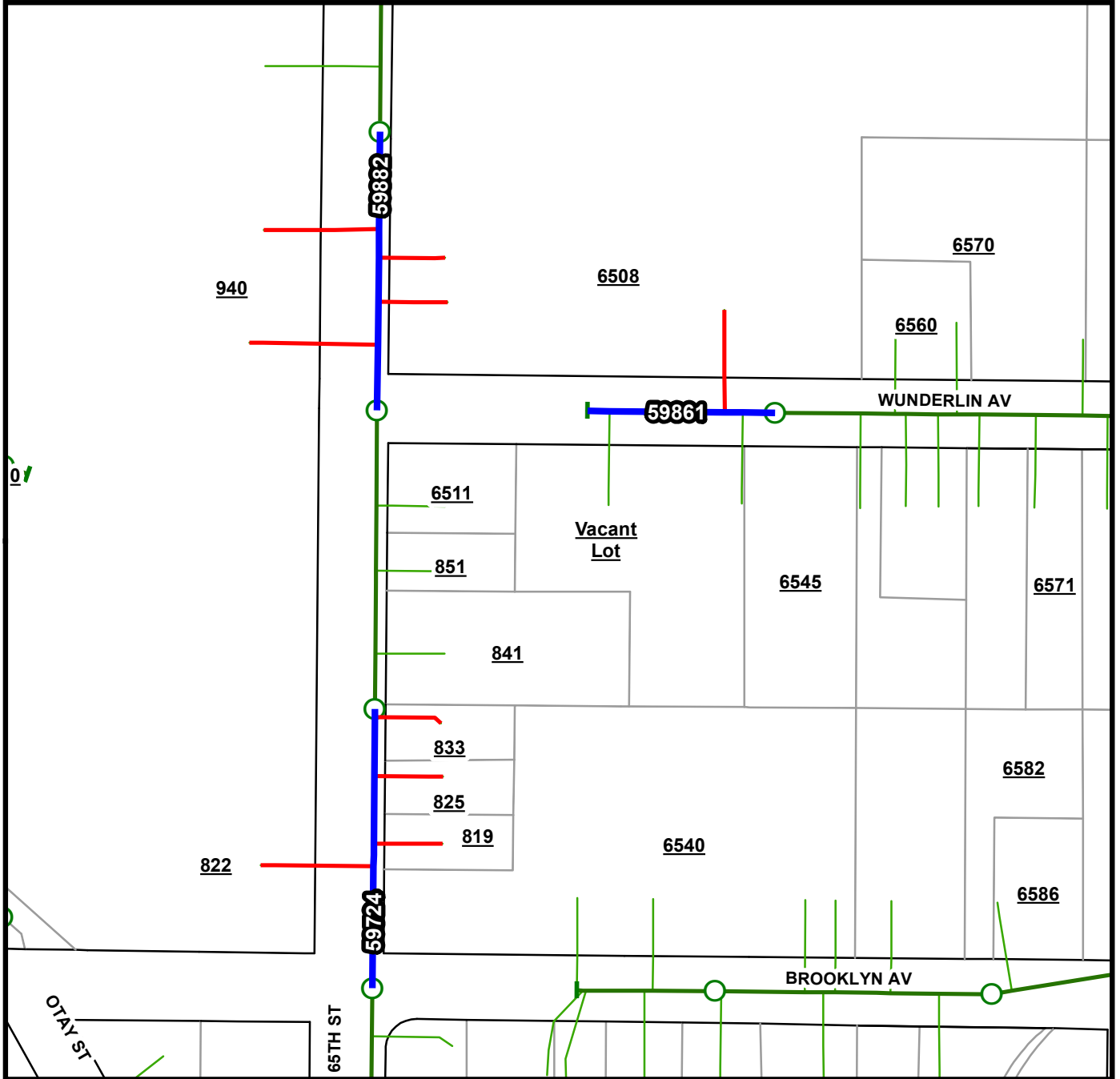
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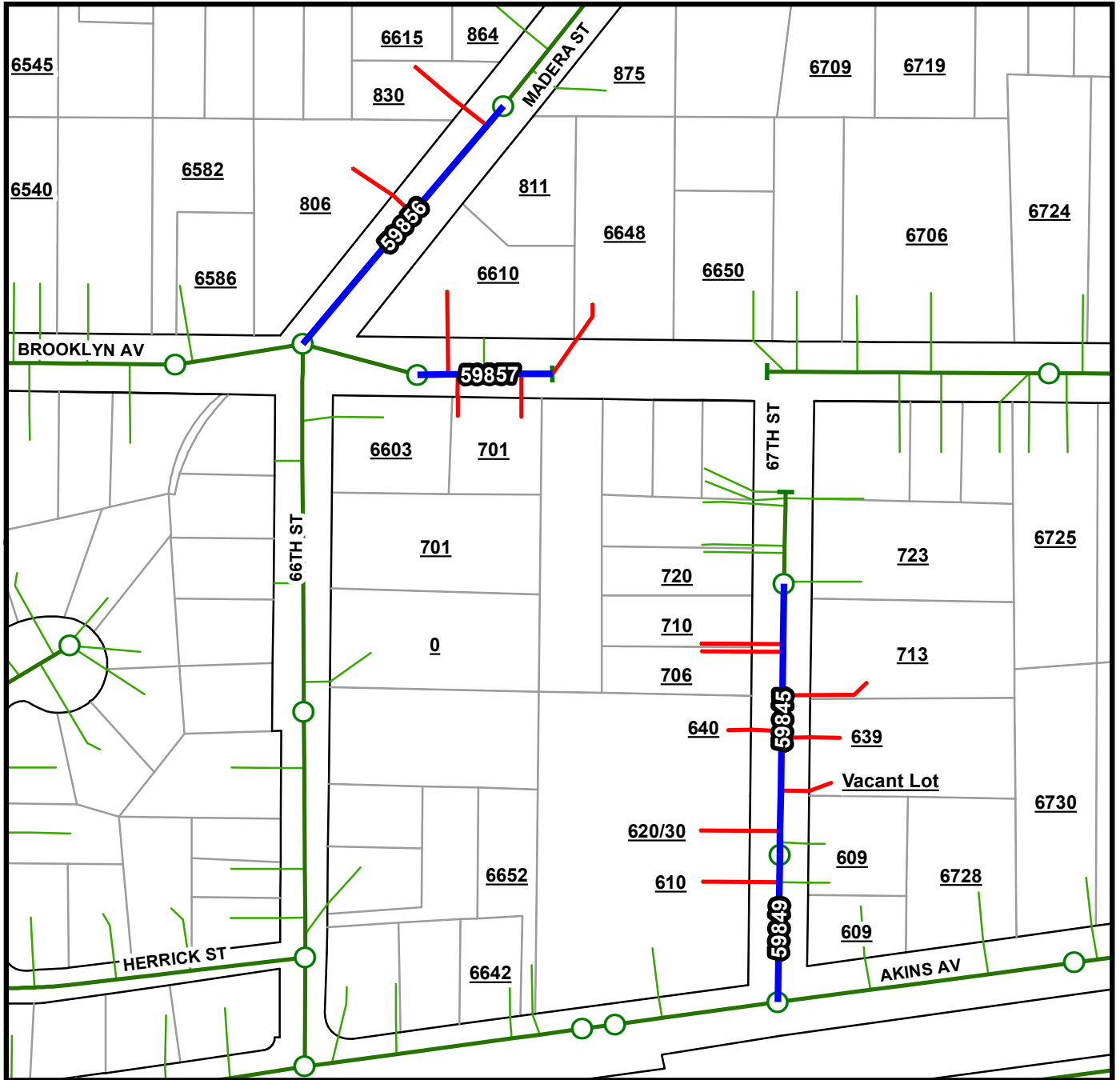
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Pipeline Rehab - Phase G-2 (Laterals)

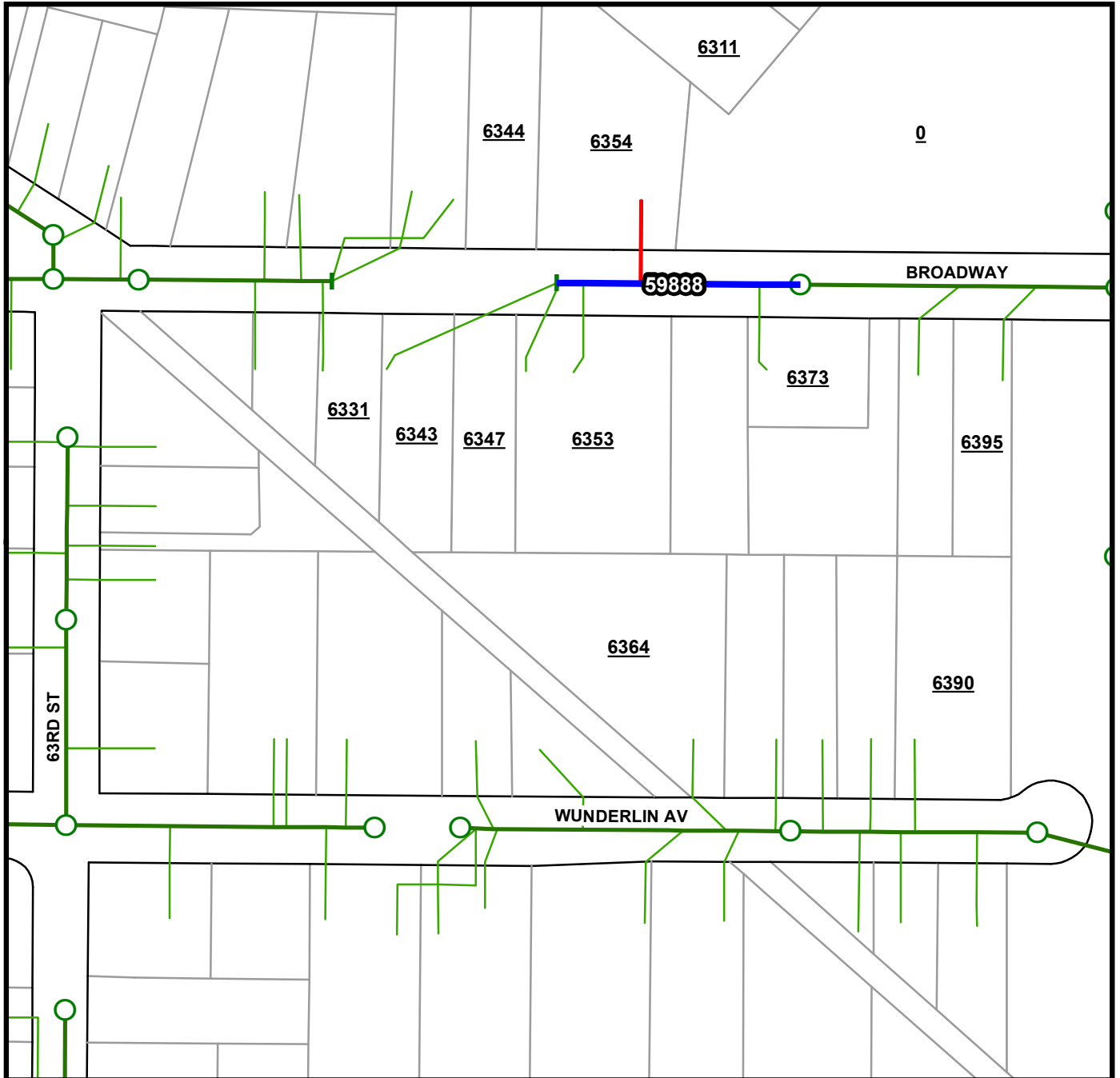
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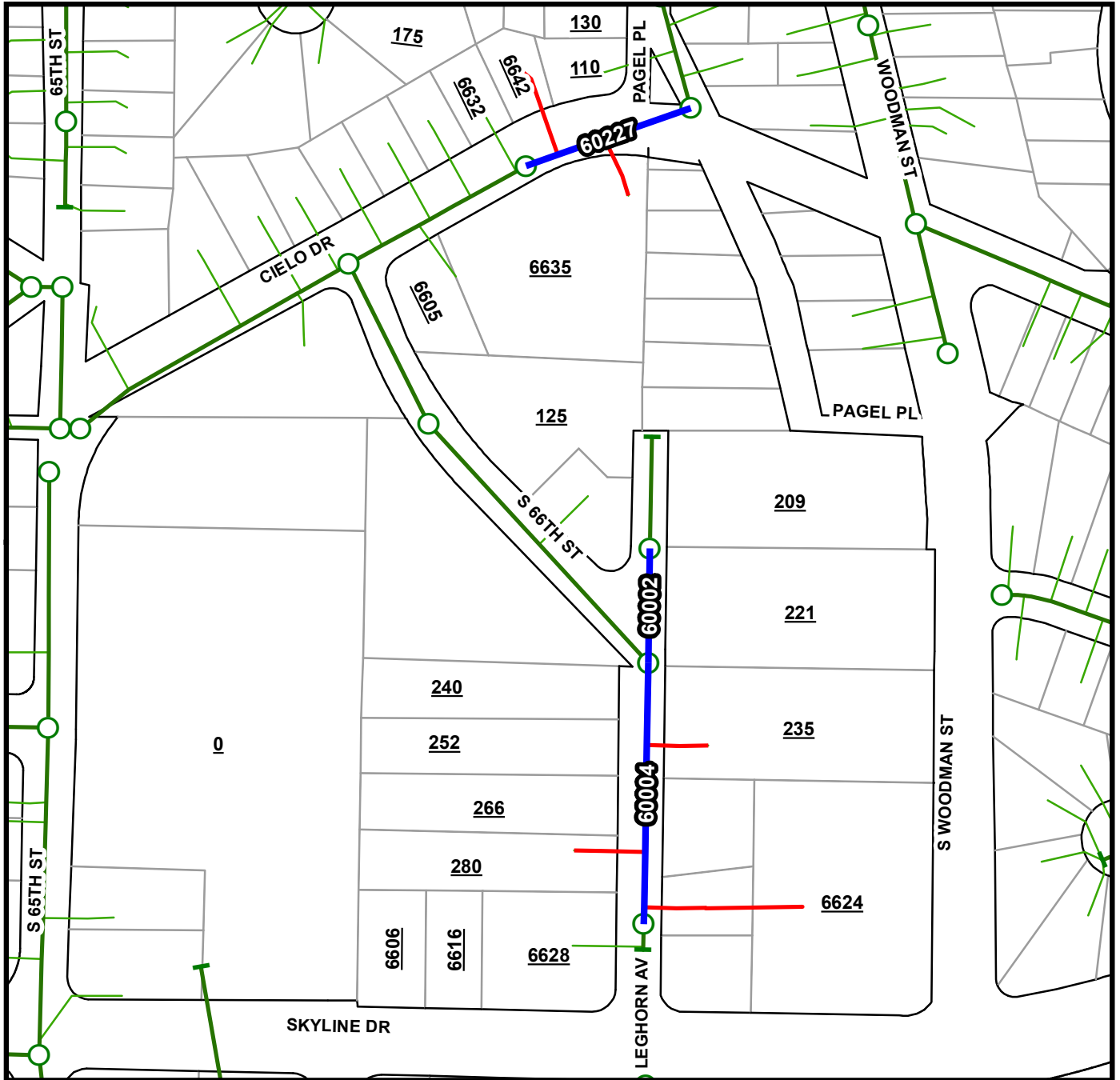
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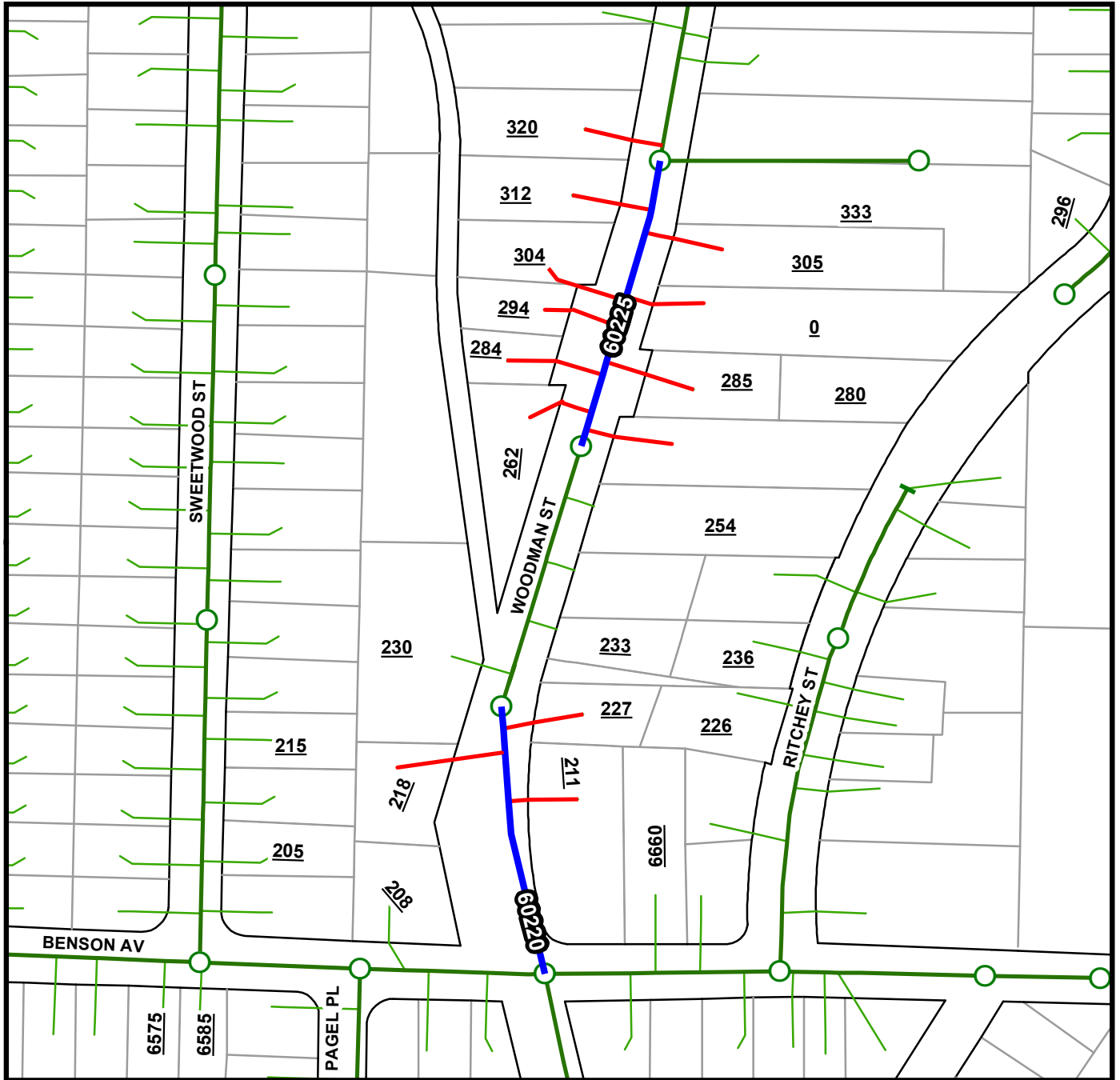
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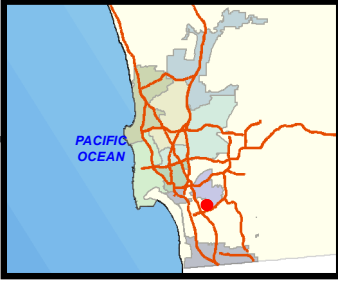
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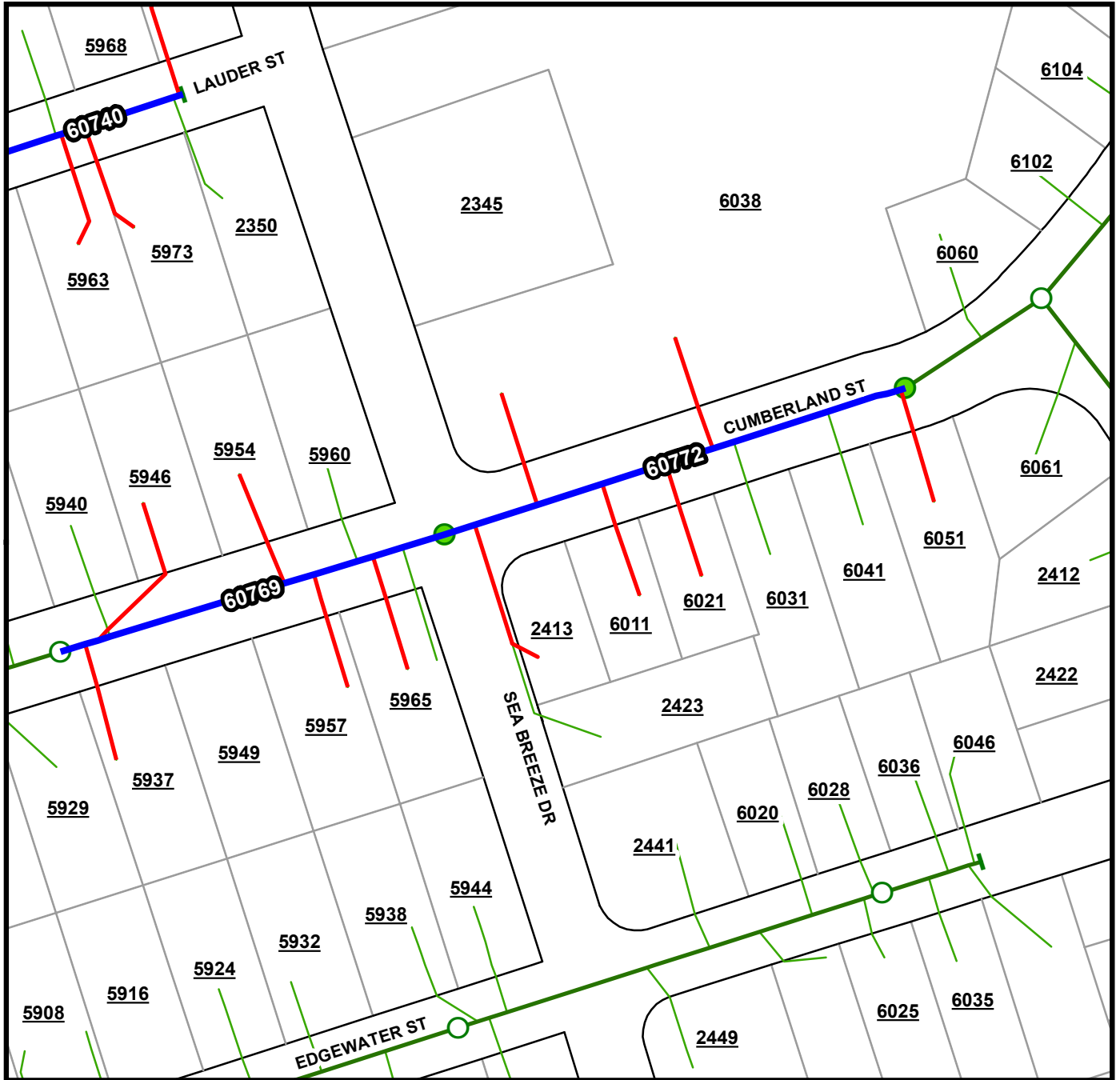
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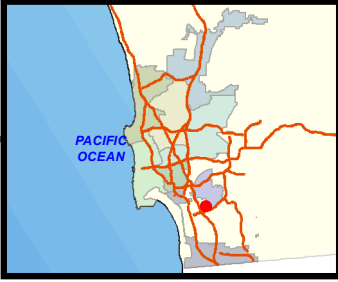
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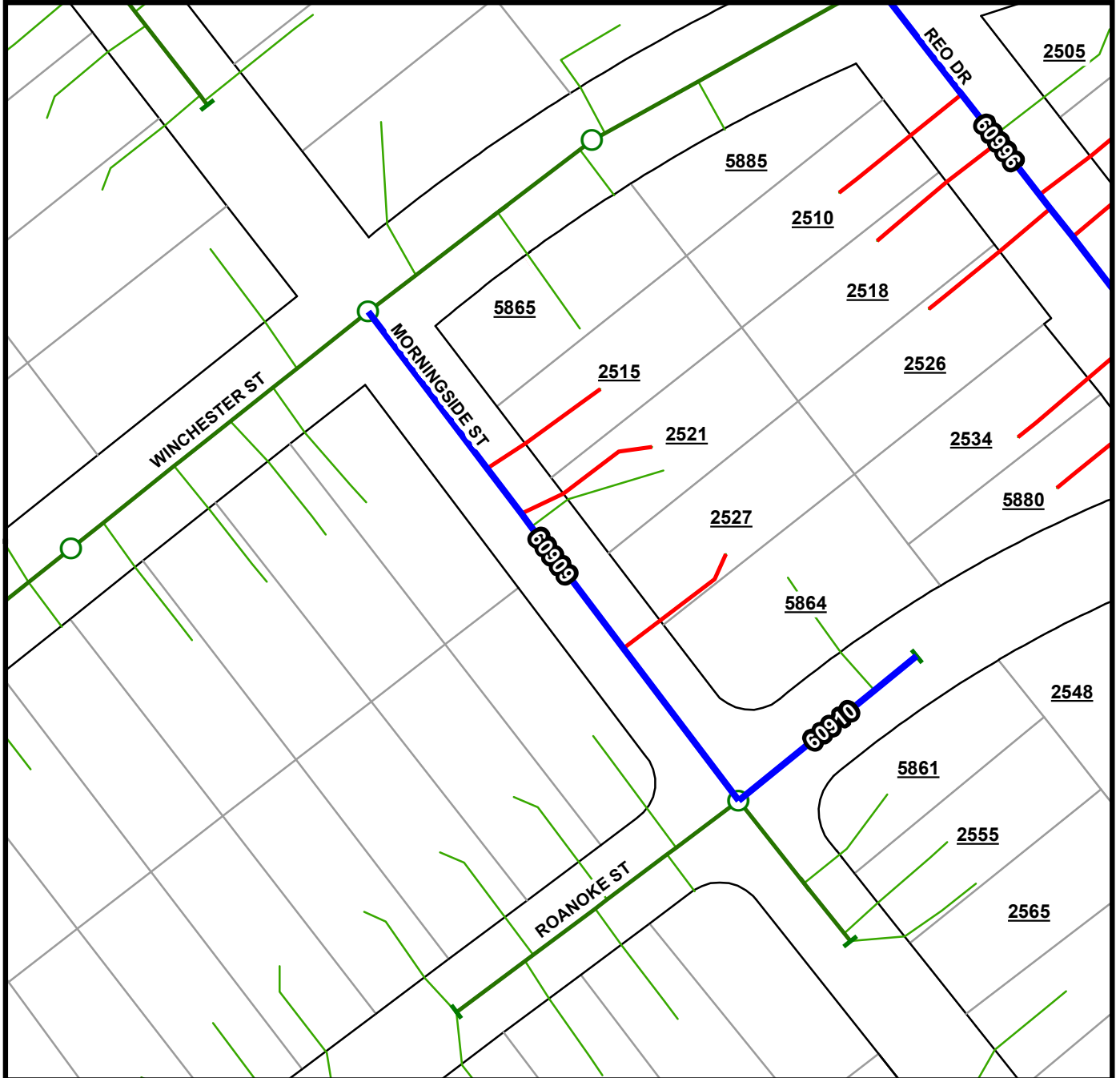
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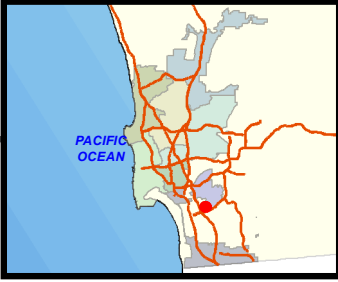
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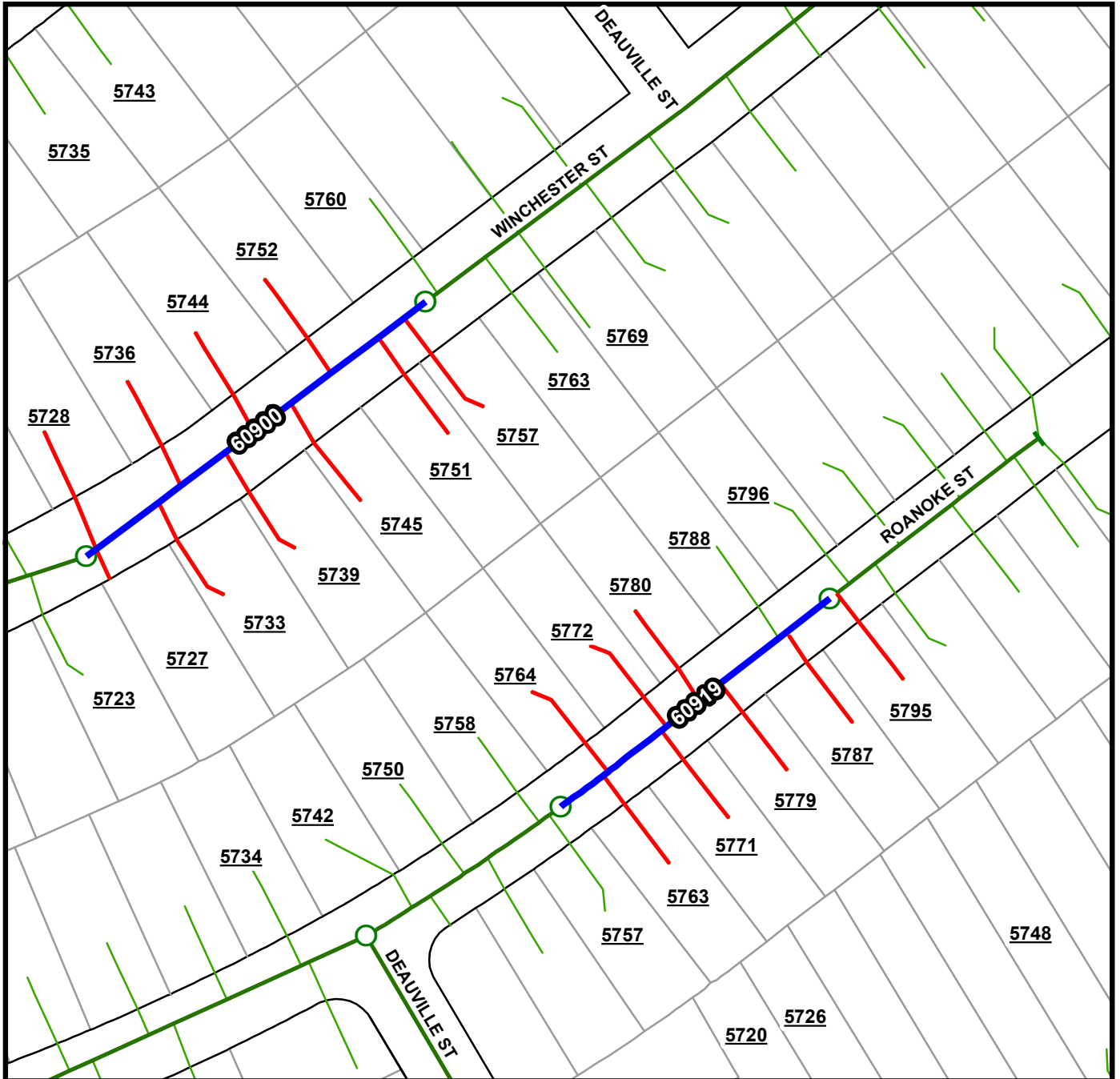
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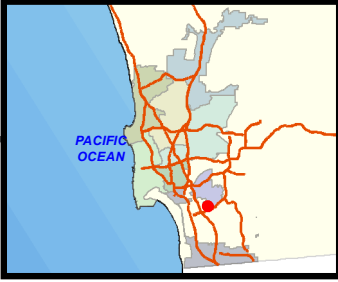
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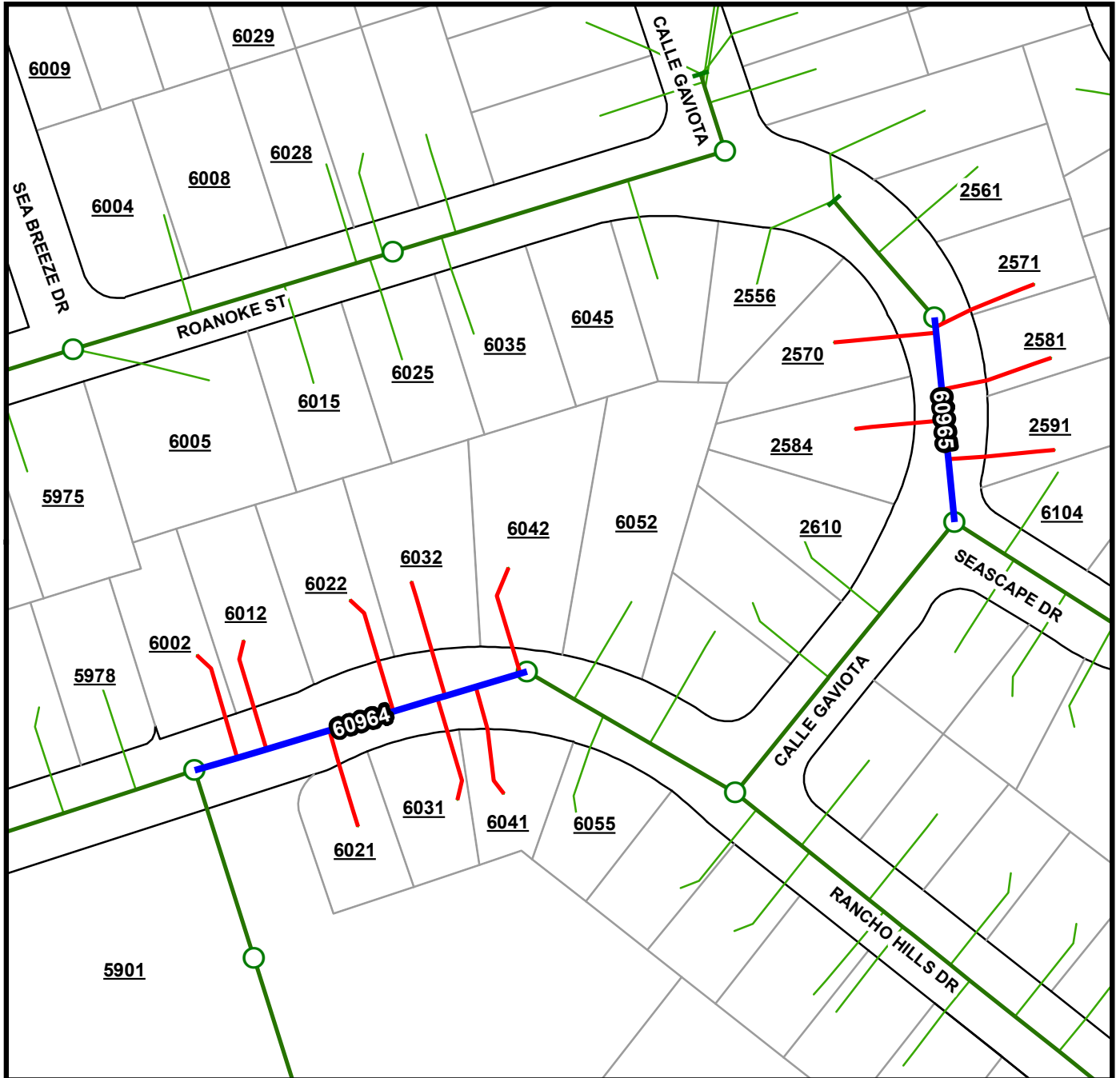
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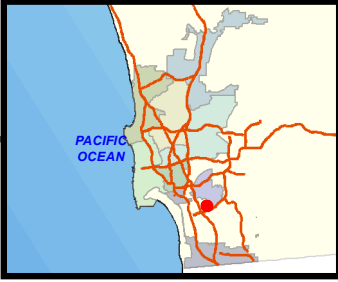
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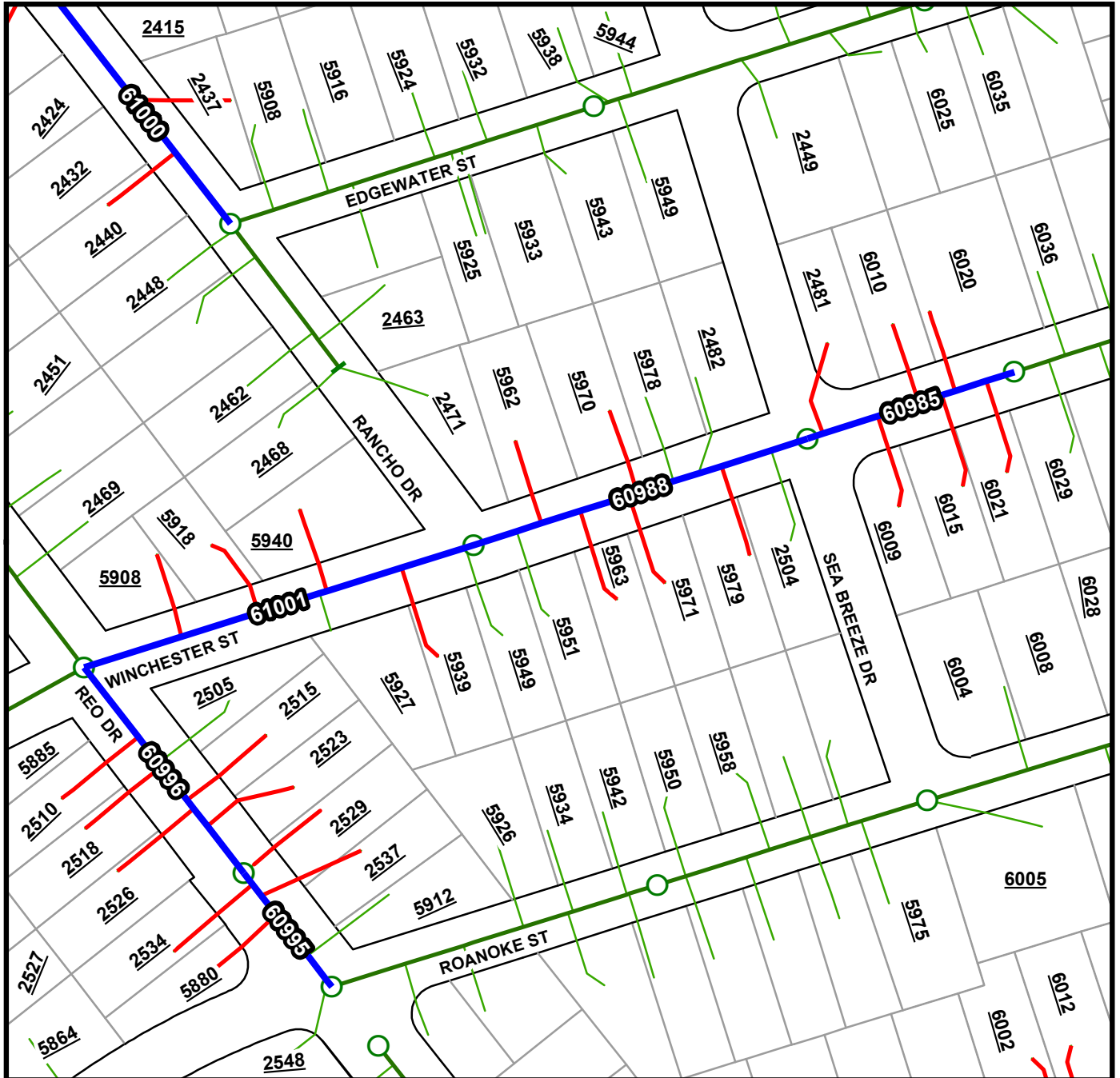
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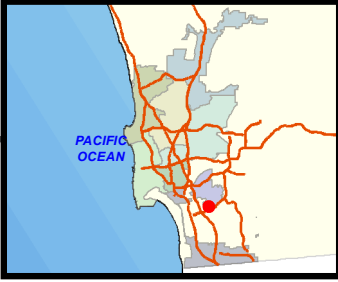
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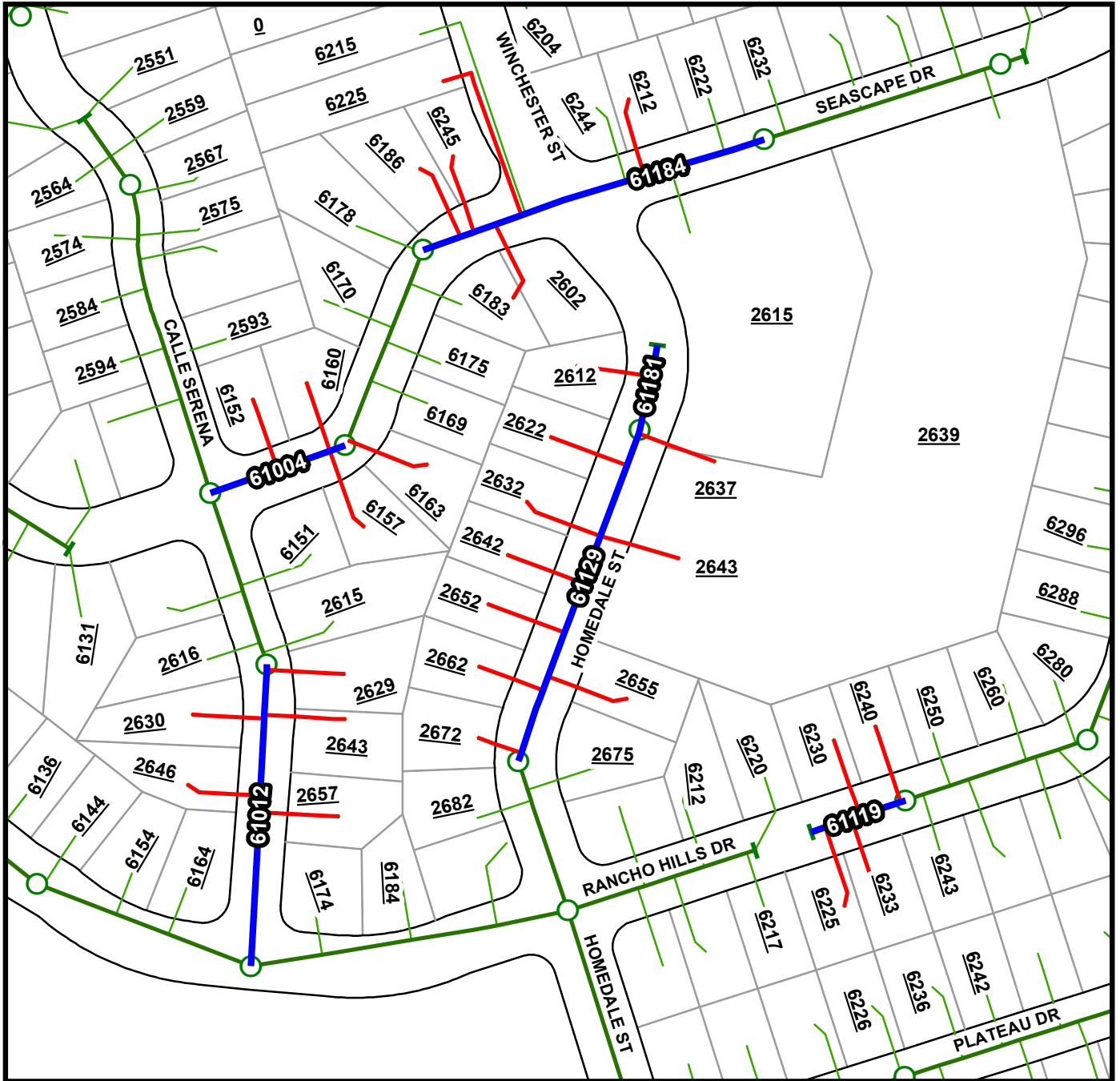
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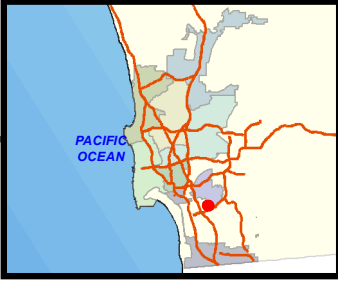
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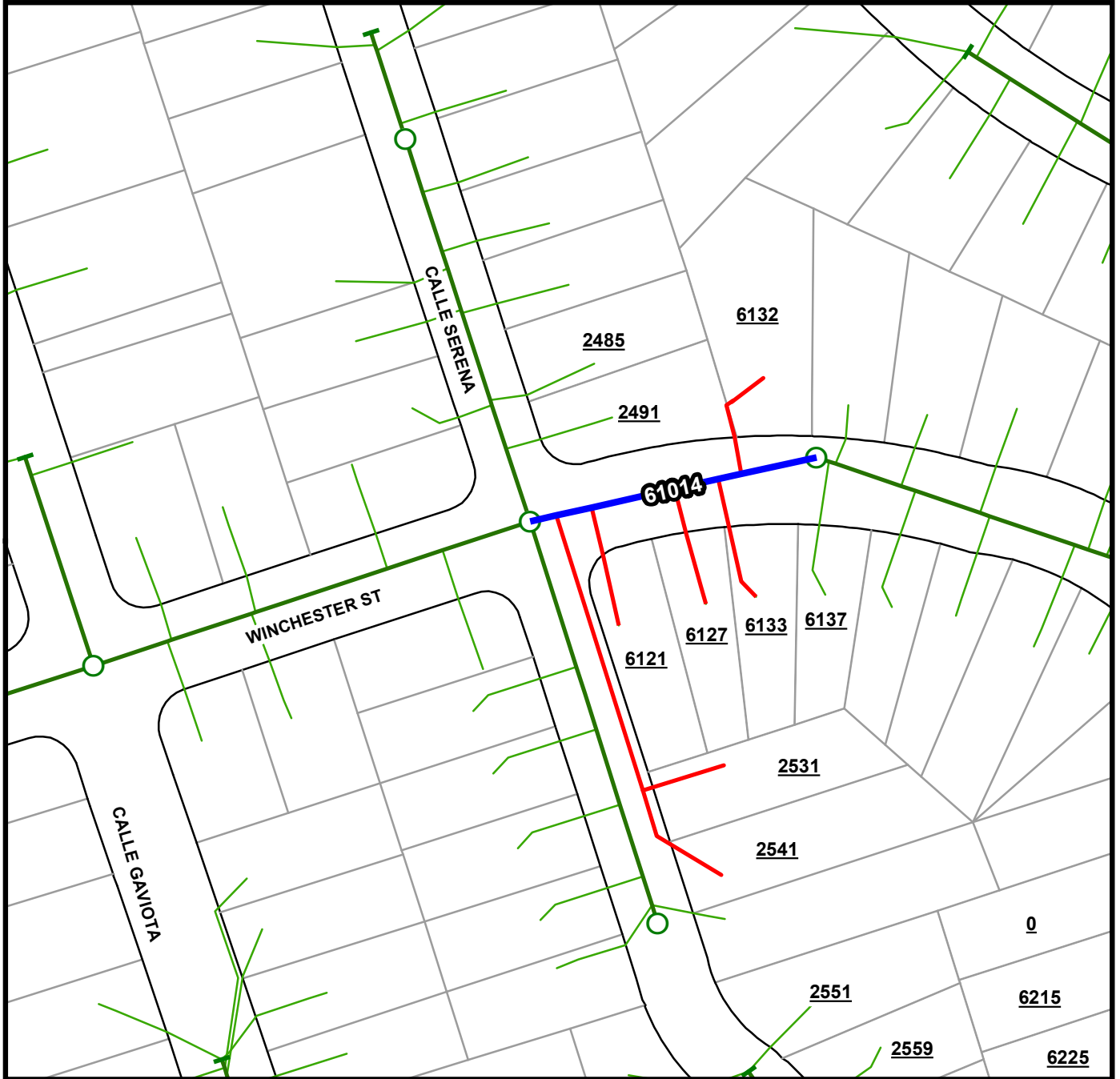
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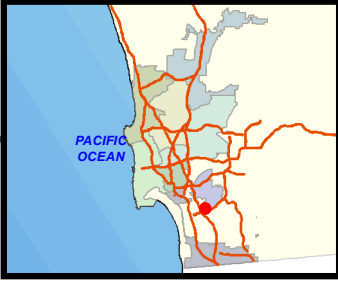
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Pipeline Rehab - Phase G-2 (Laterals)

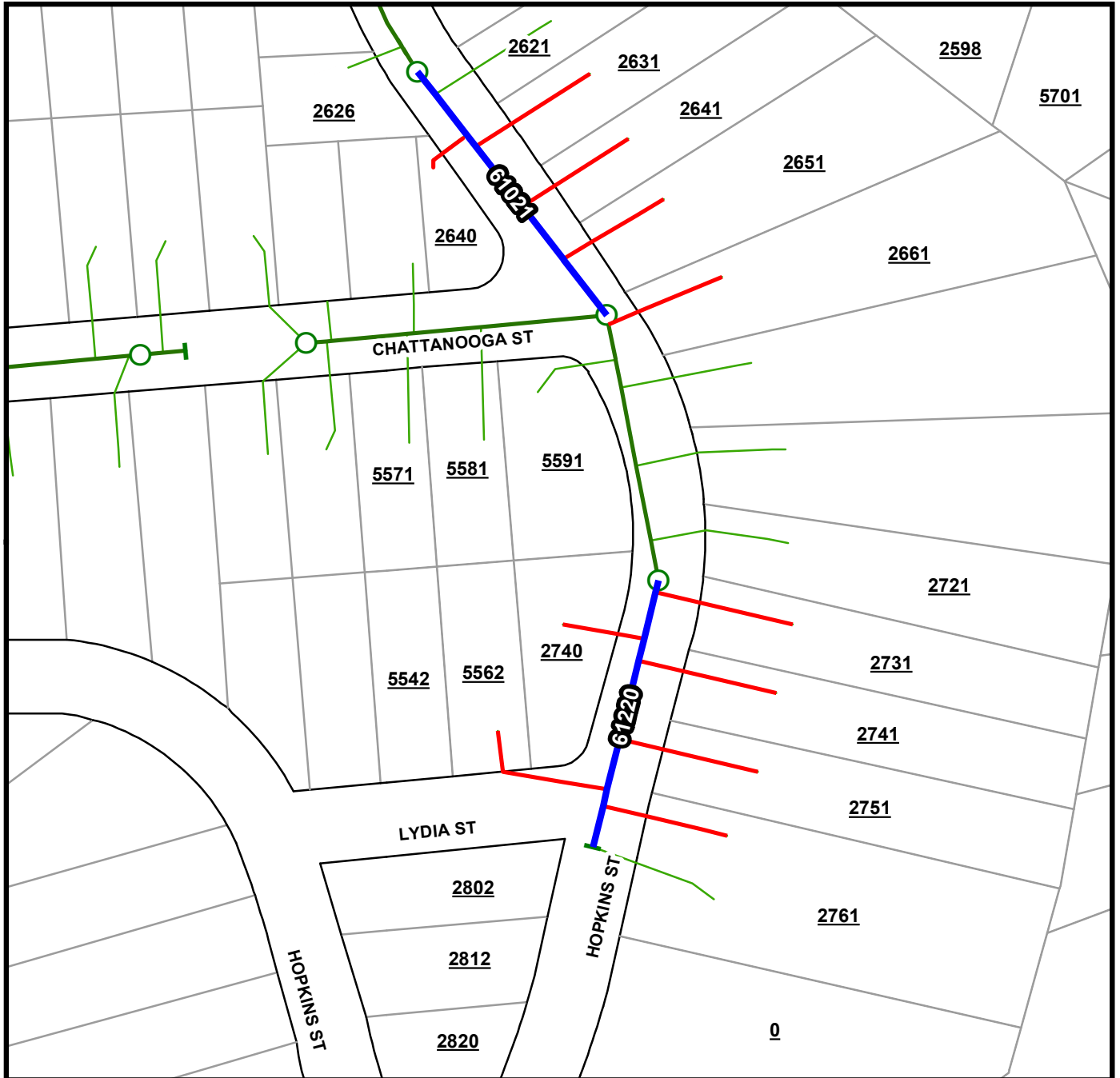
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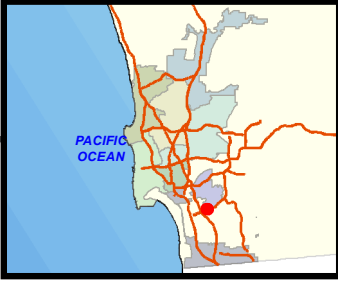
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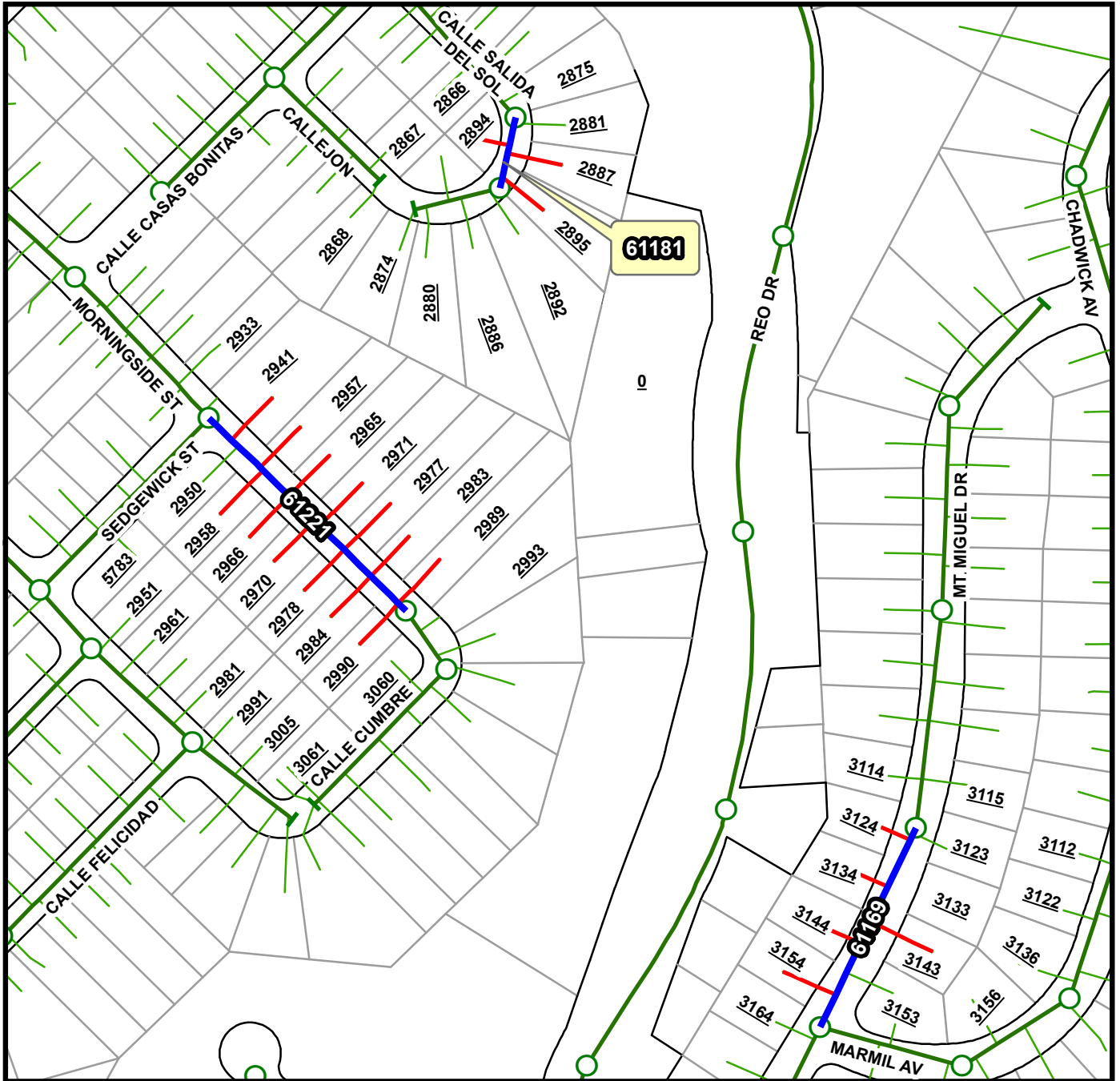
Pipeline Rehab - Phase G-2 (Laterals)

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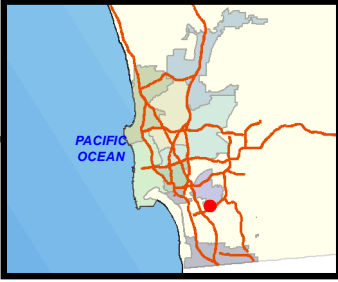
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Pipeline Rehab - Phase G-2 (Laterals)

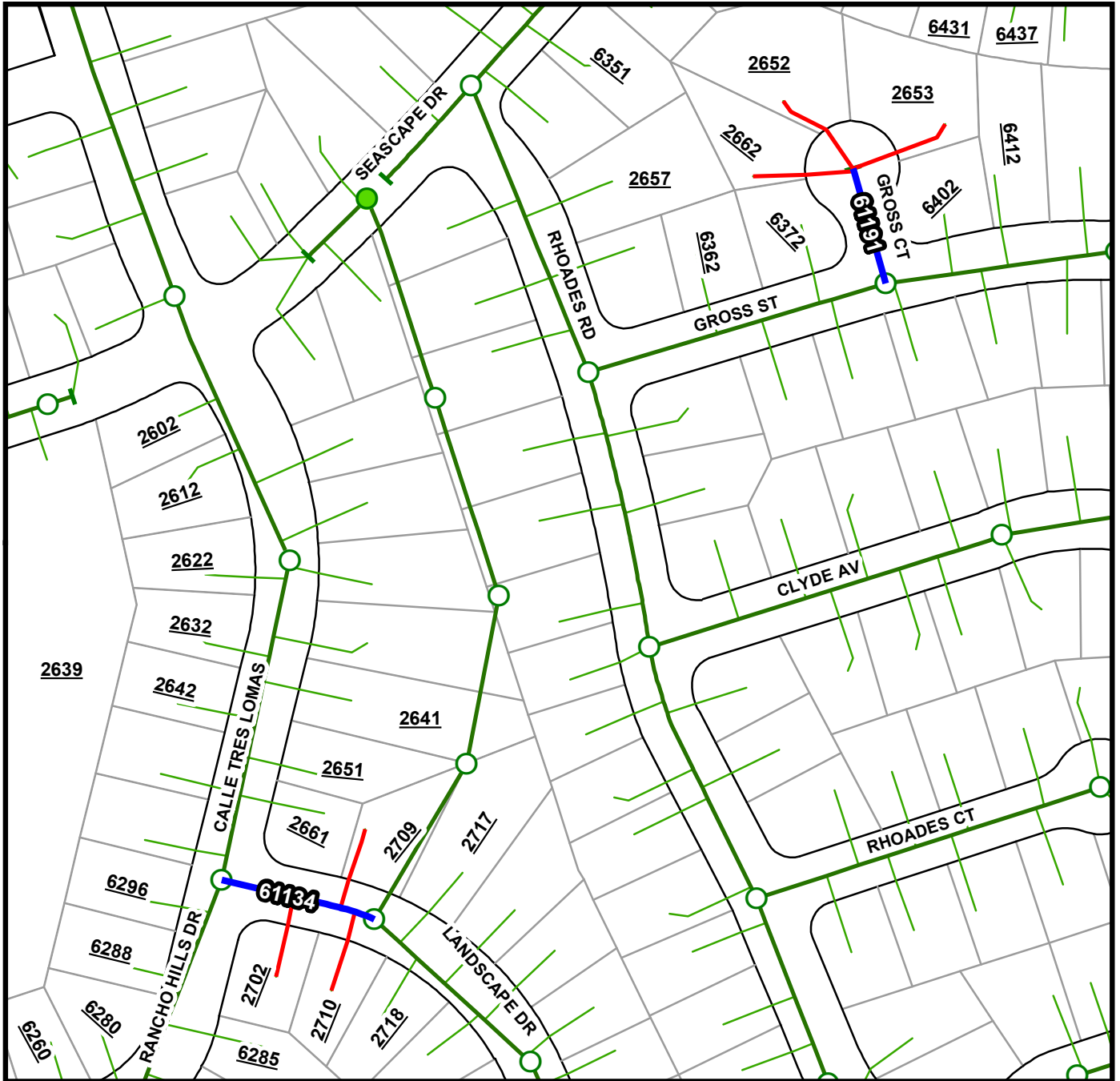
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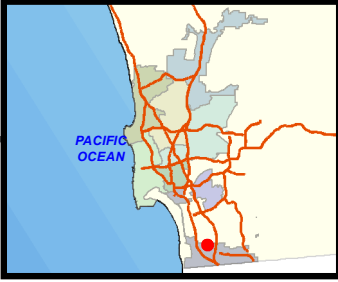
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Pipeline Rehab - Phase G-2 (Laterals)

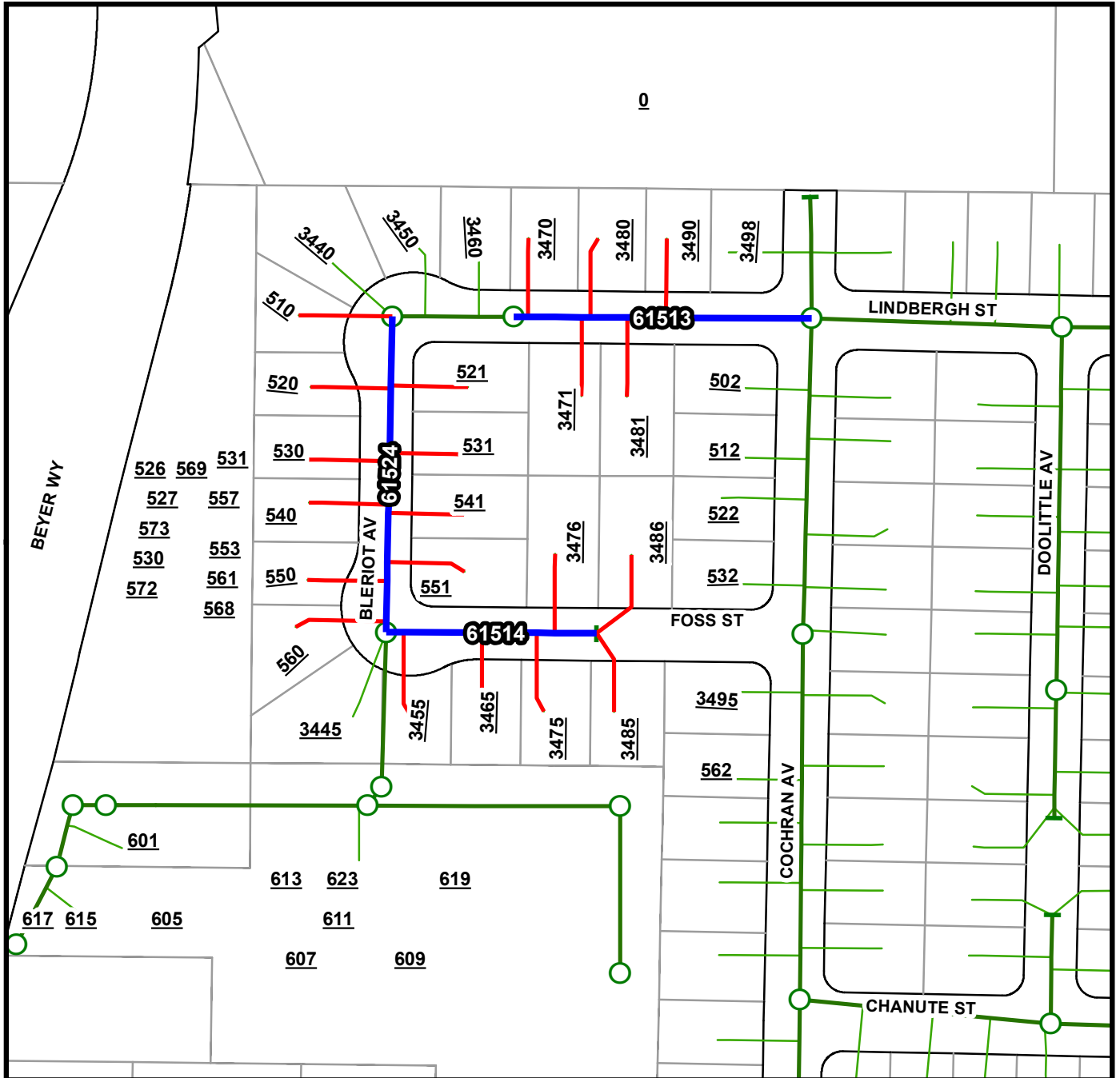
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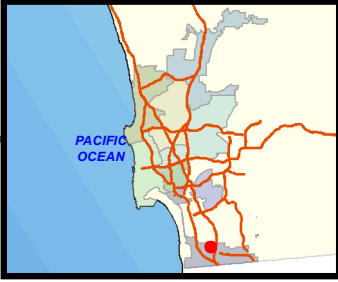
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Pipeline Rehab - Phase G-2 (Laterals)

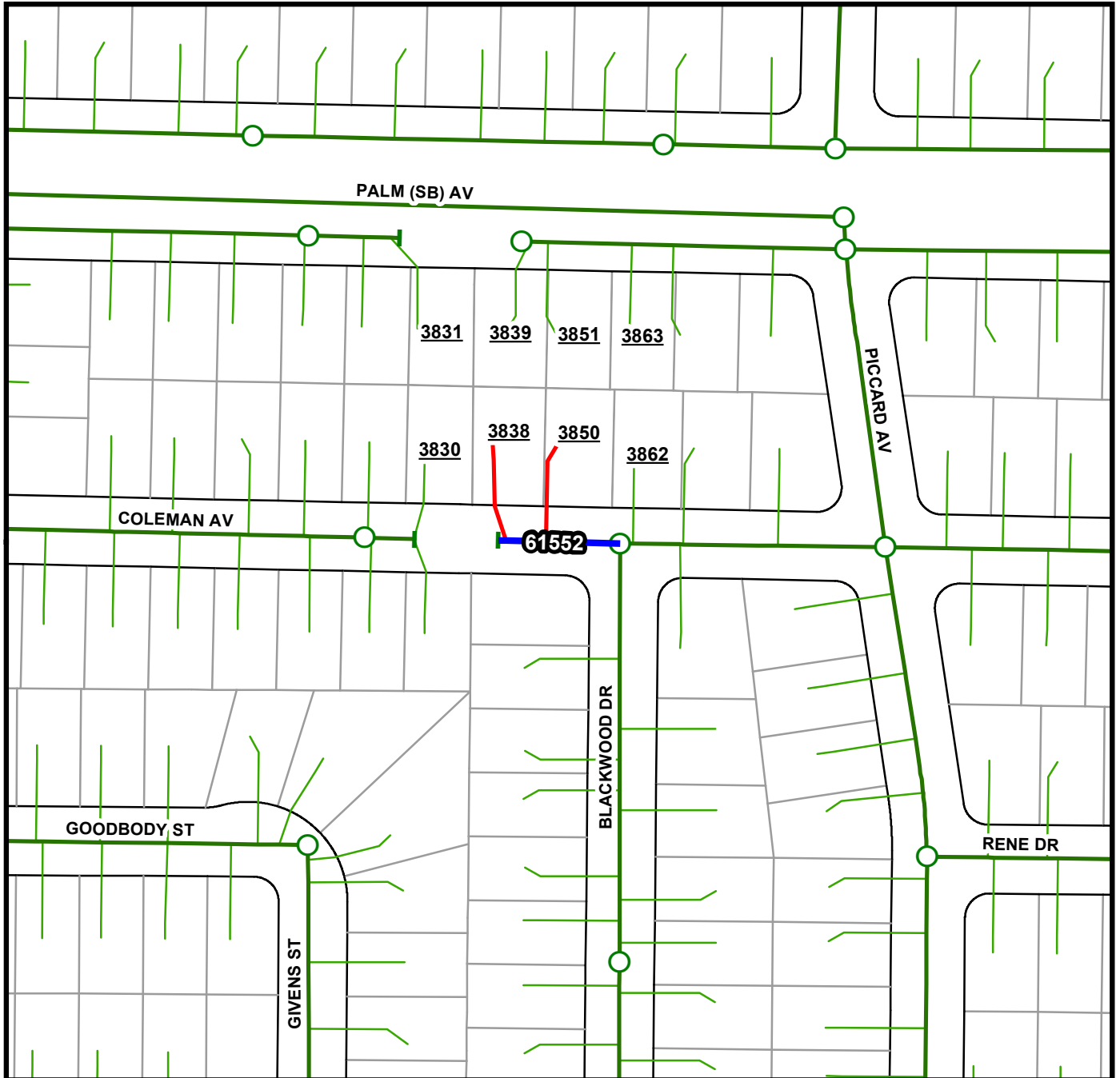
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Pipeline Rehab - Phase G-2 (Laterals)

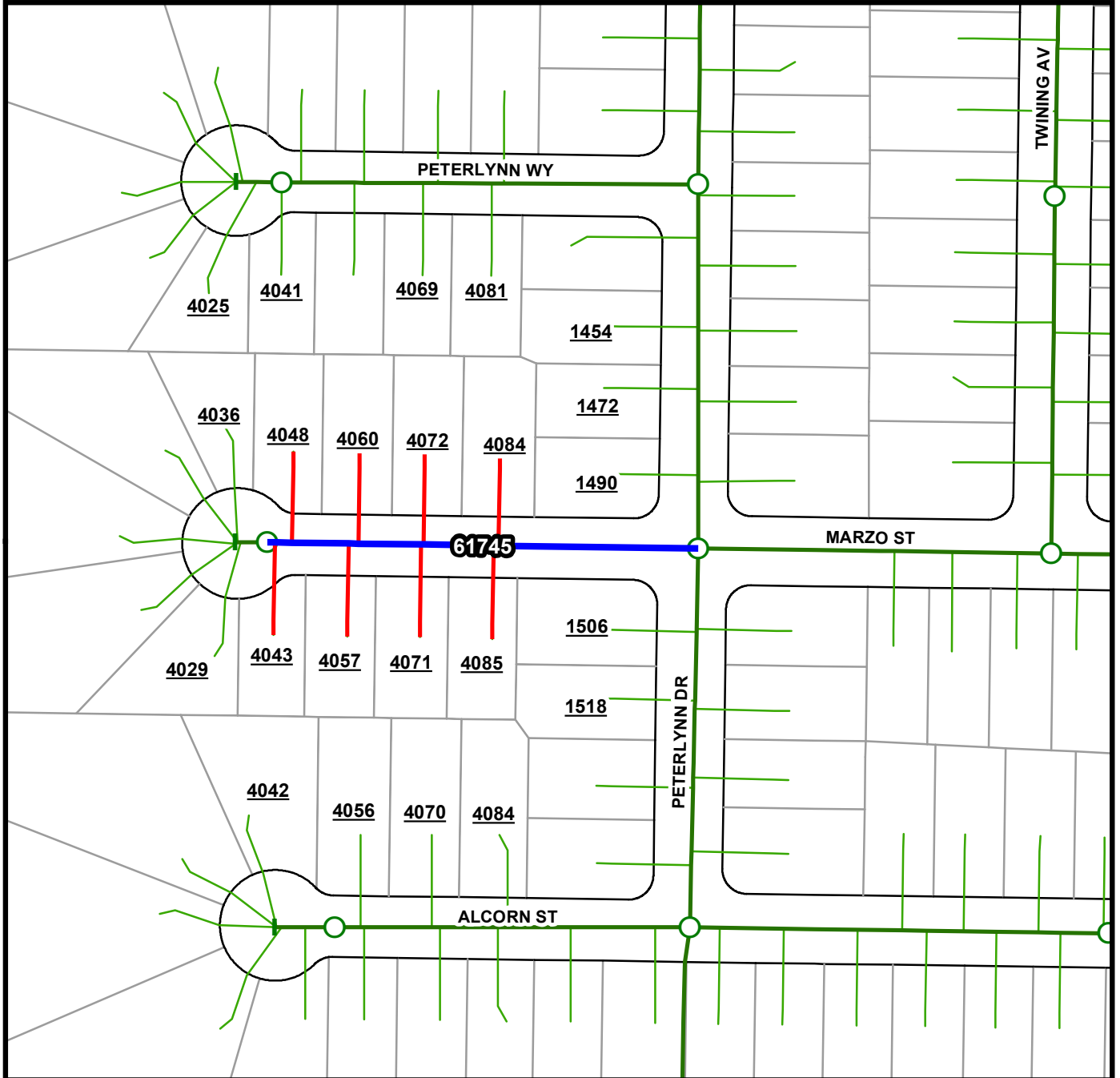
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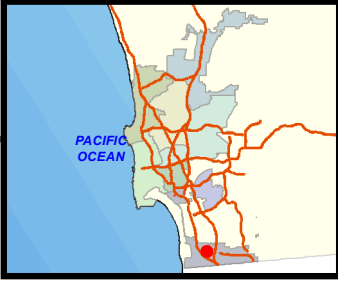
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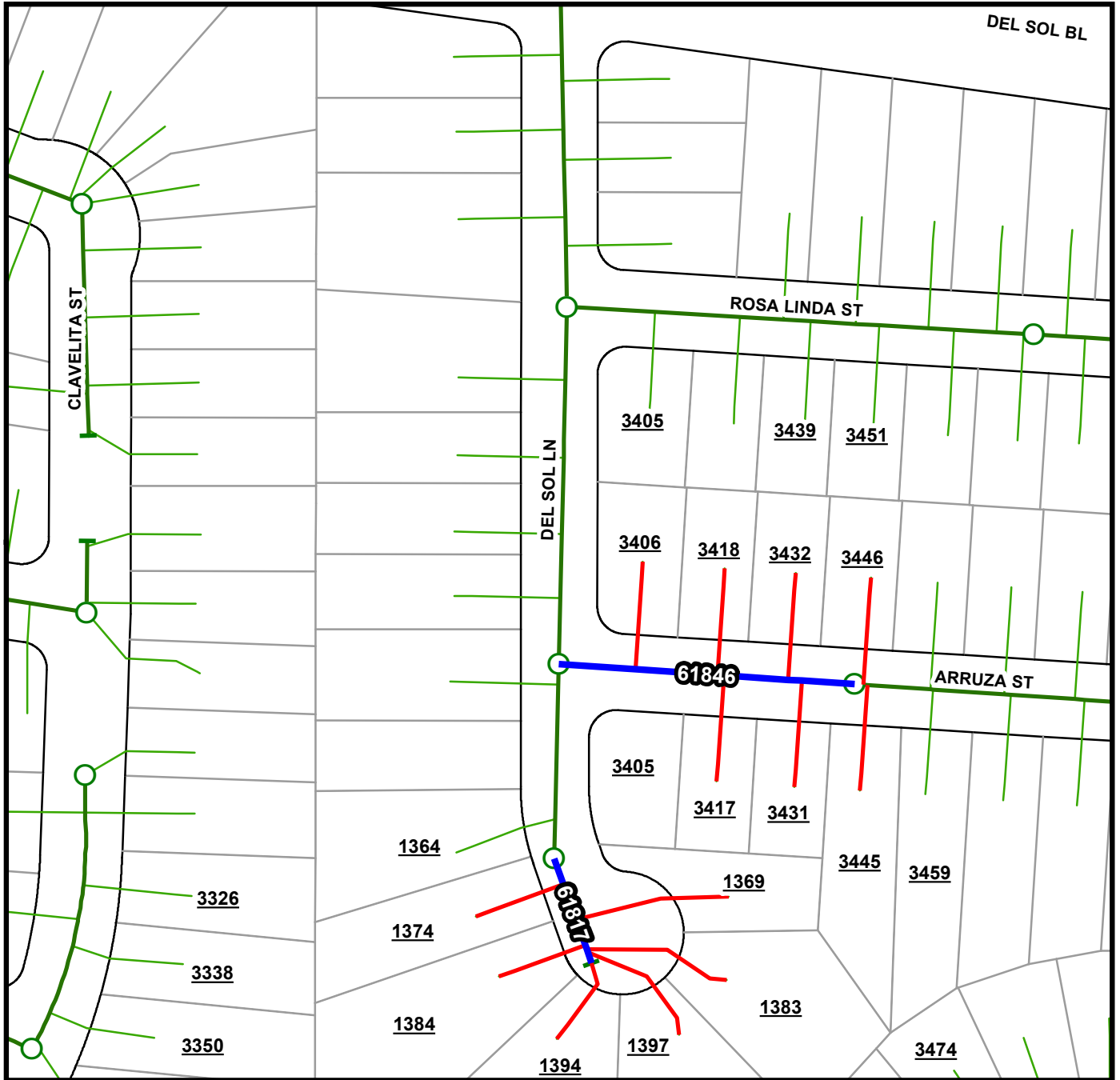
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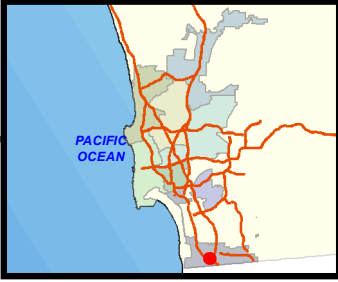
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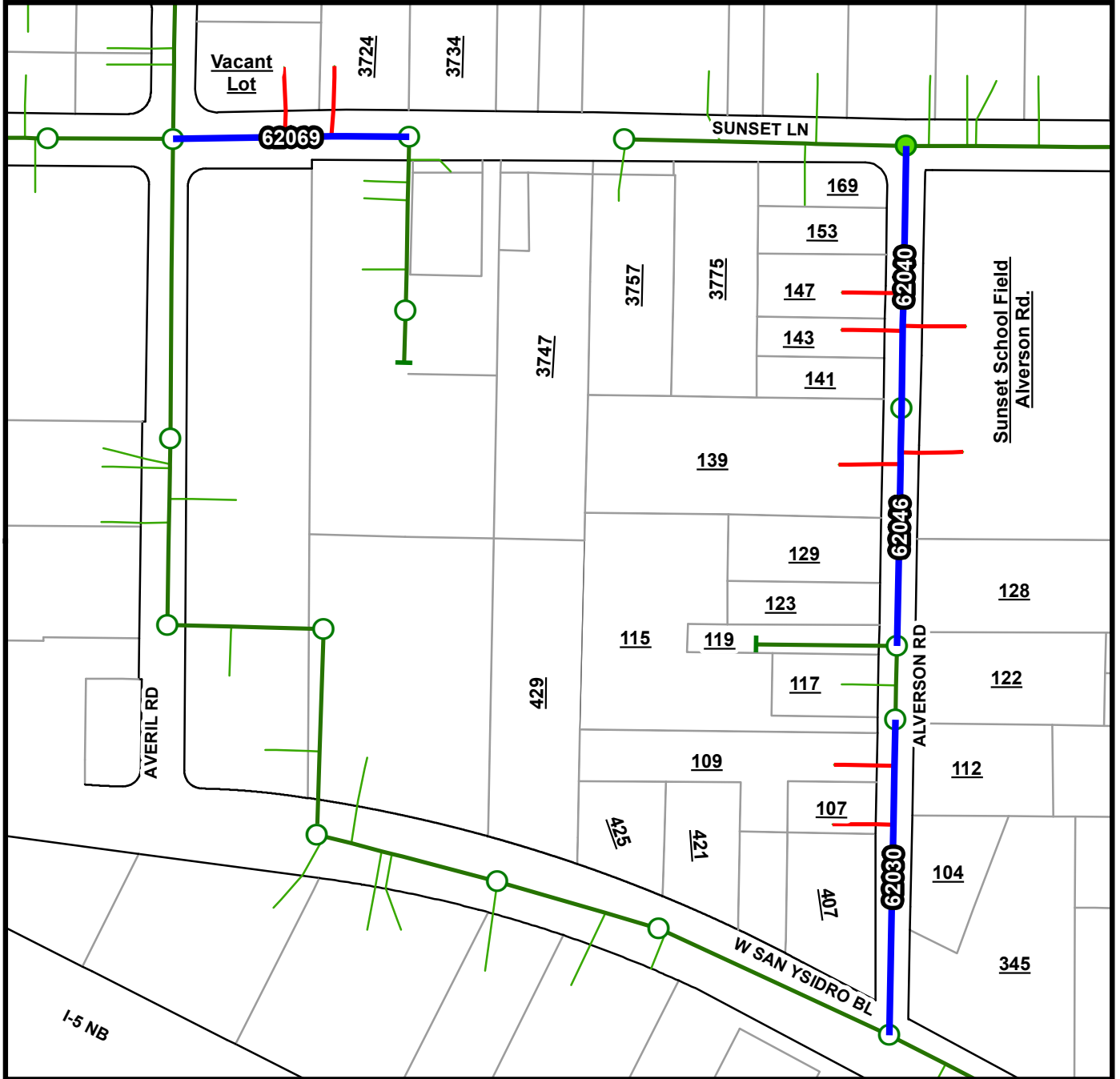
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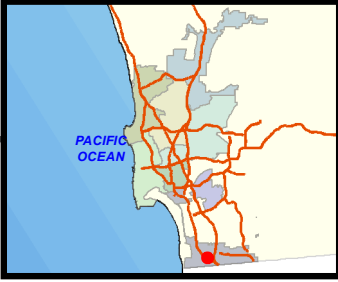


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Pipeline Rehab - Phase G-2 (Laterals)



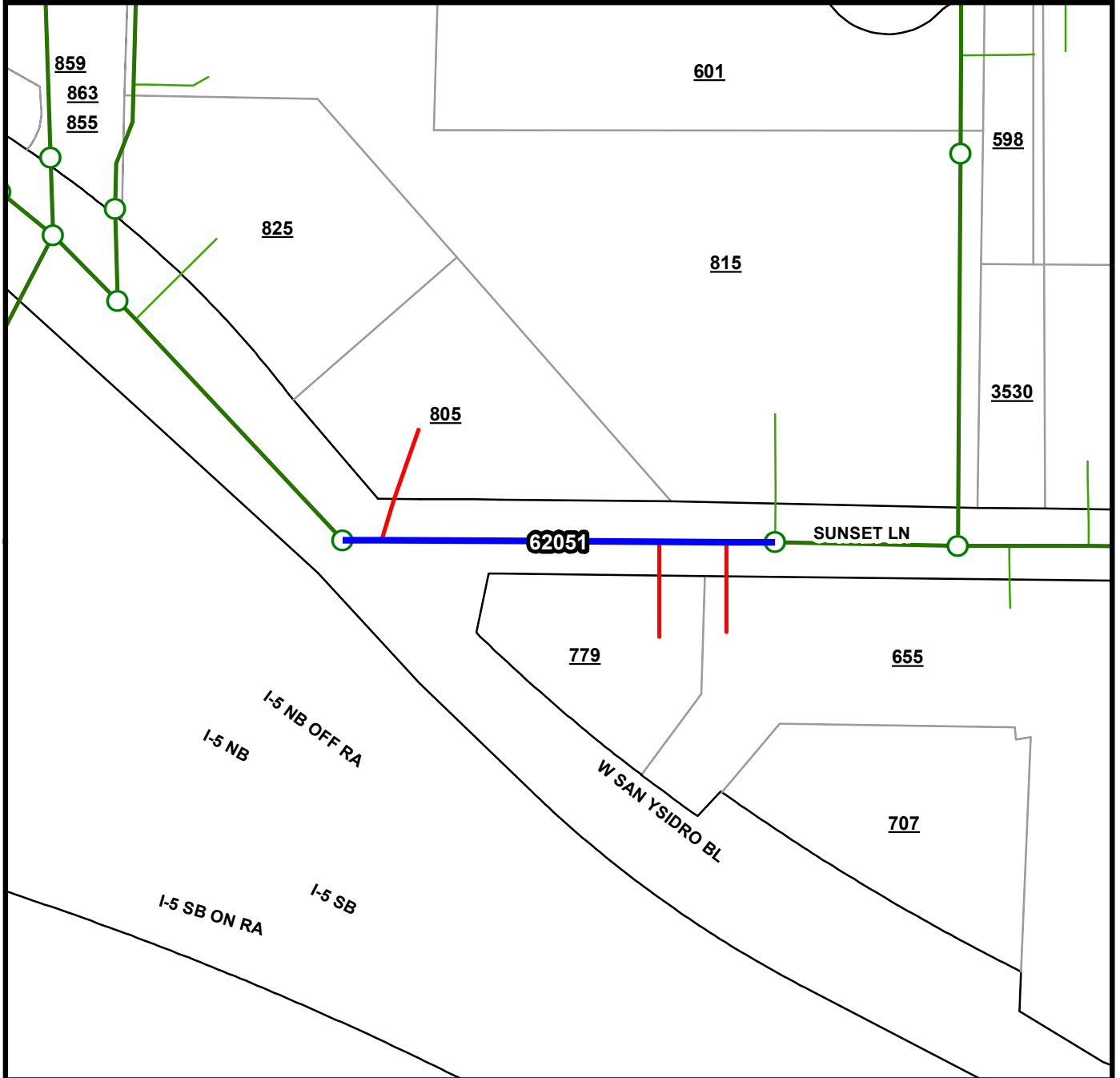
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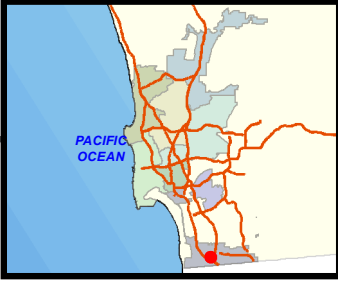
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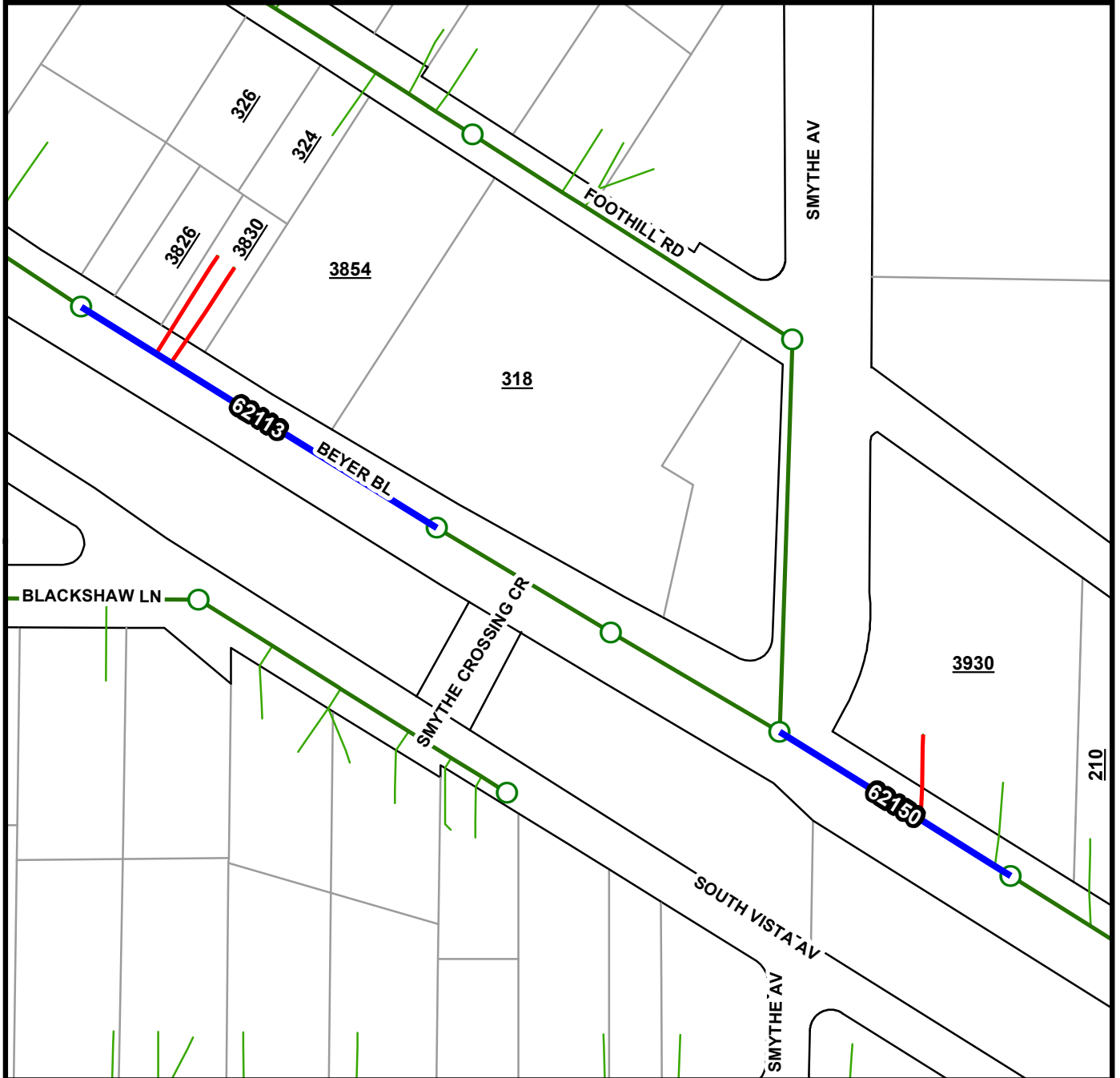
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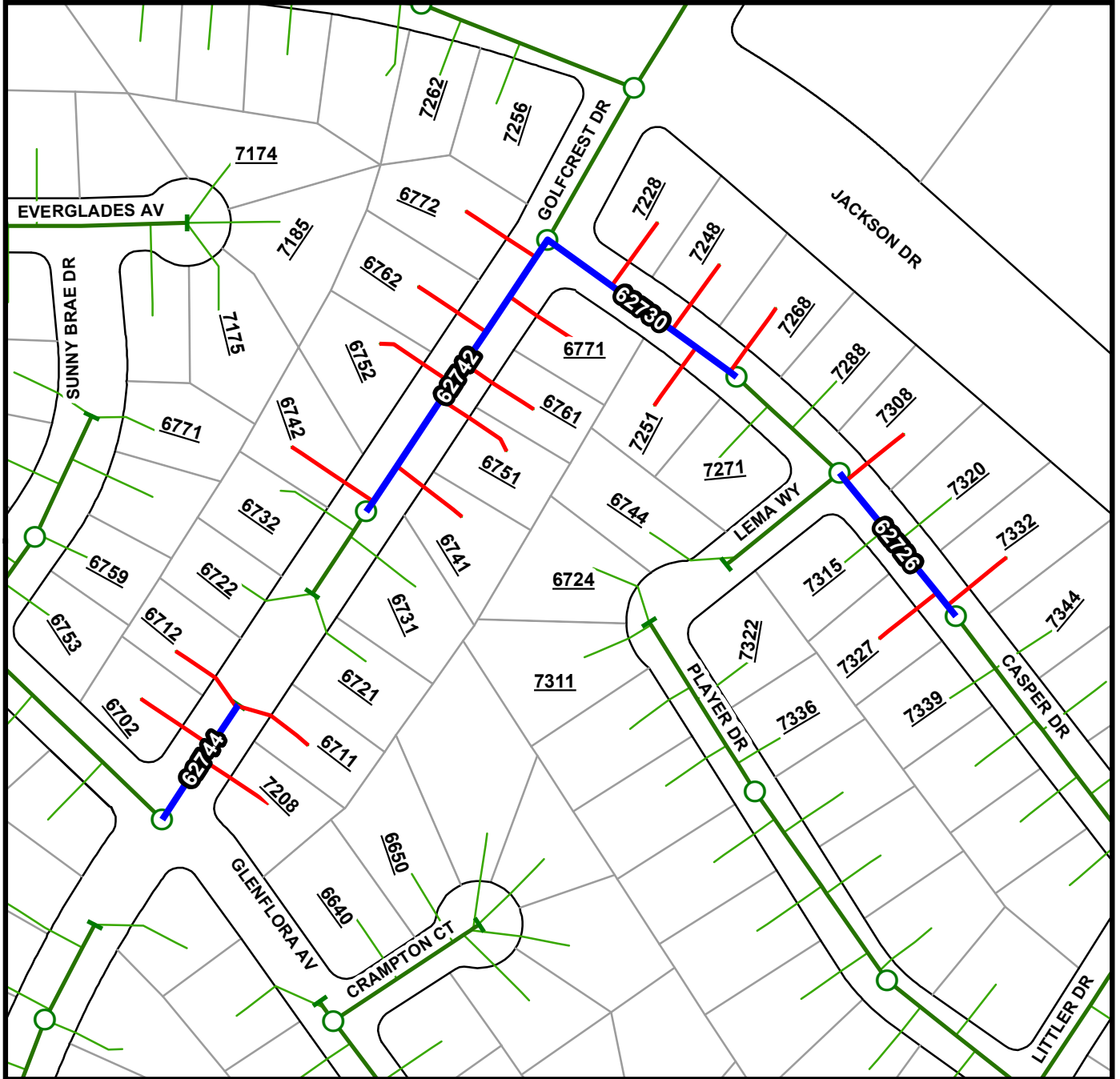
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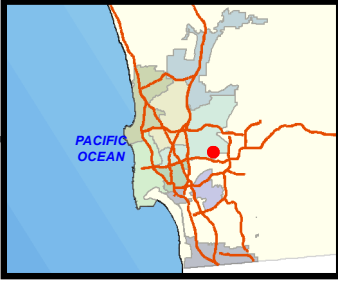
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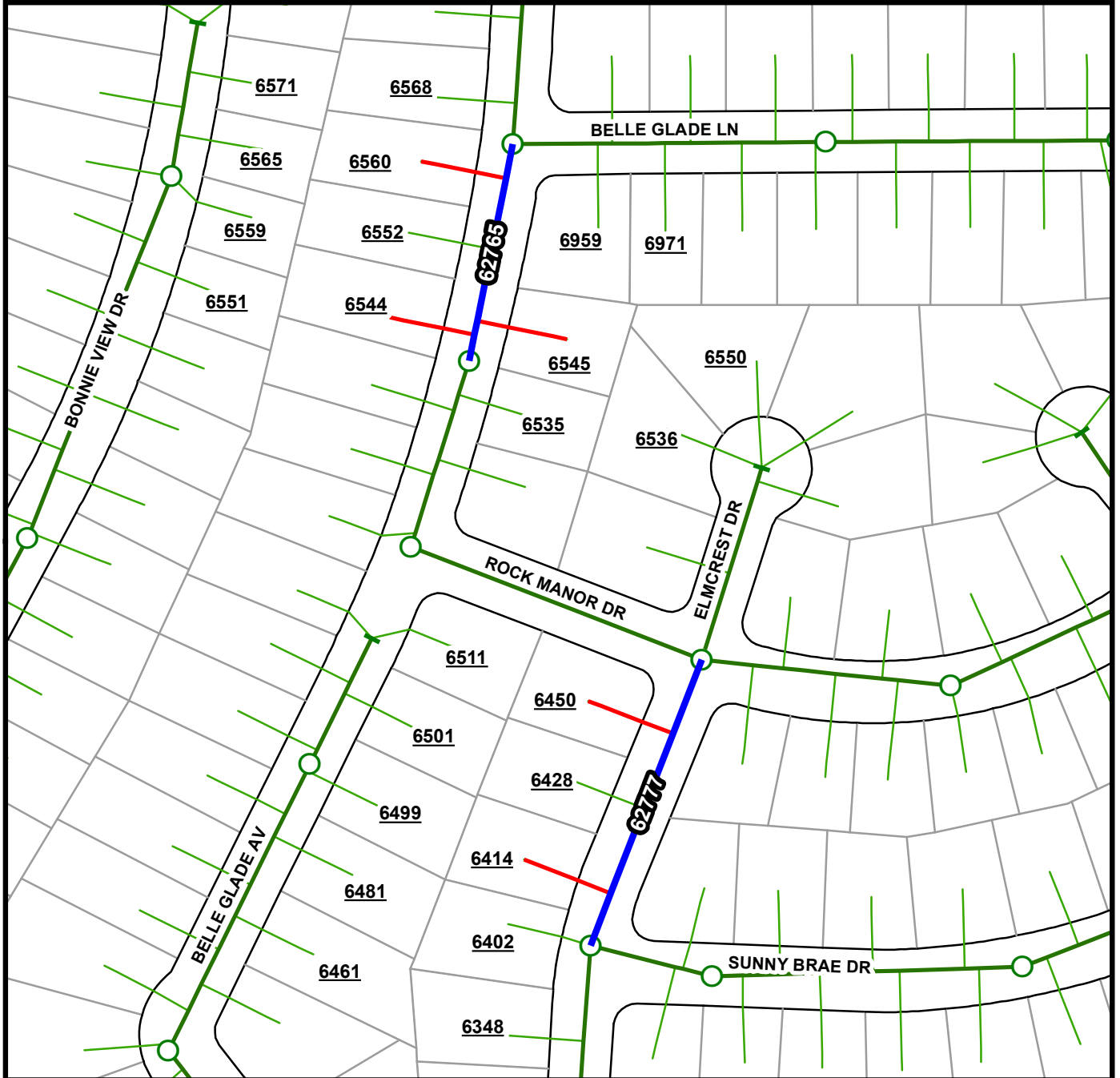
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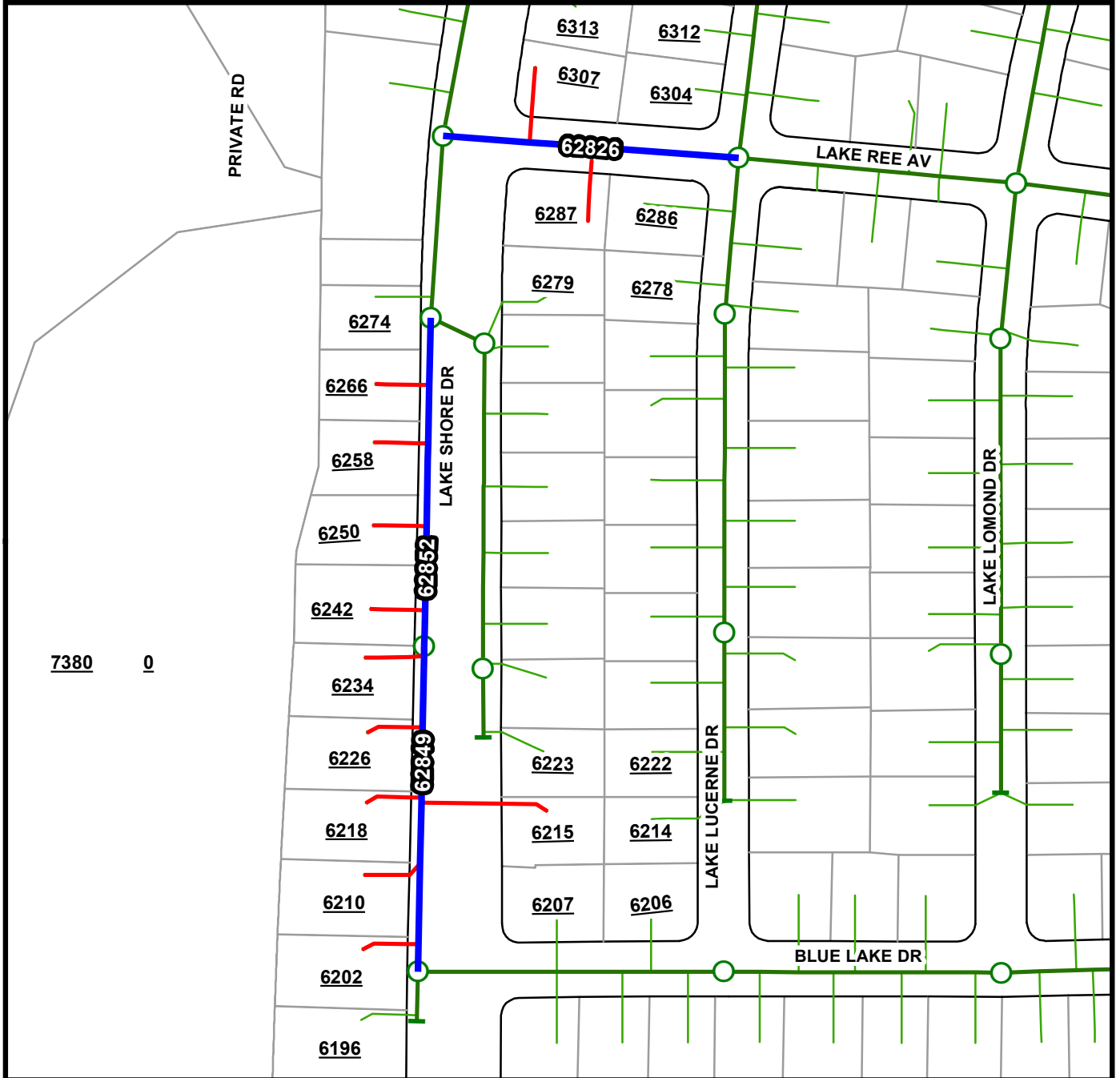
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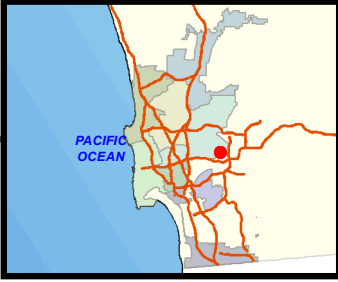
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- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

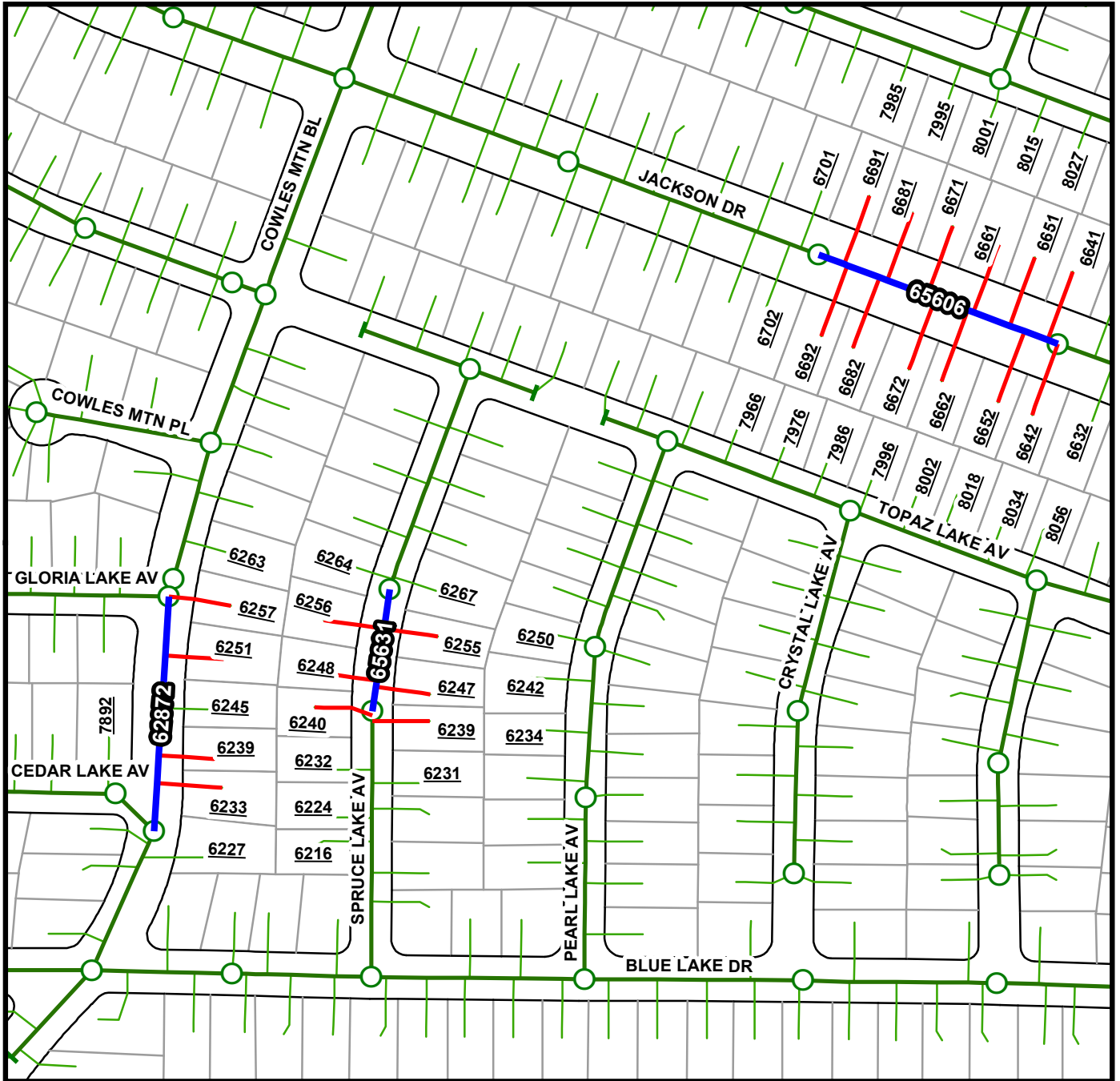
SENIOR ENGINEER
Luis Schaar
619-533-7492

PROJECT MANAGER
Laila Nasrawi
619-533-4619



PROJECT ENGINEER
Lotus Lenguyen
619-533-4626

CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207



Legend

- G2 Mains
- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

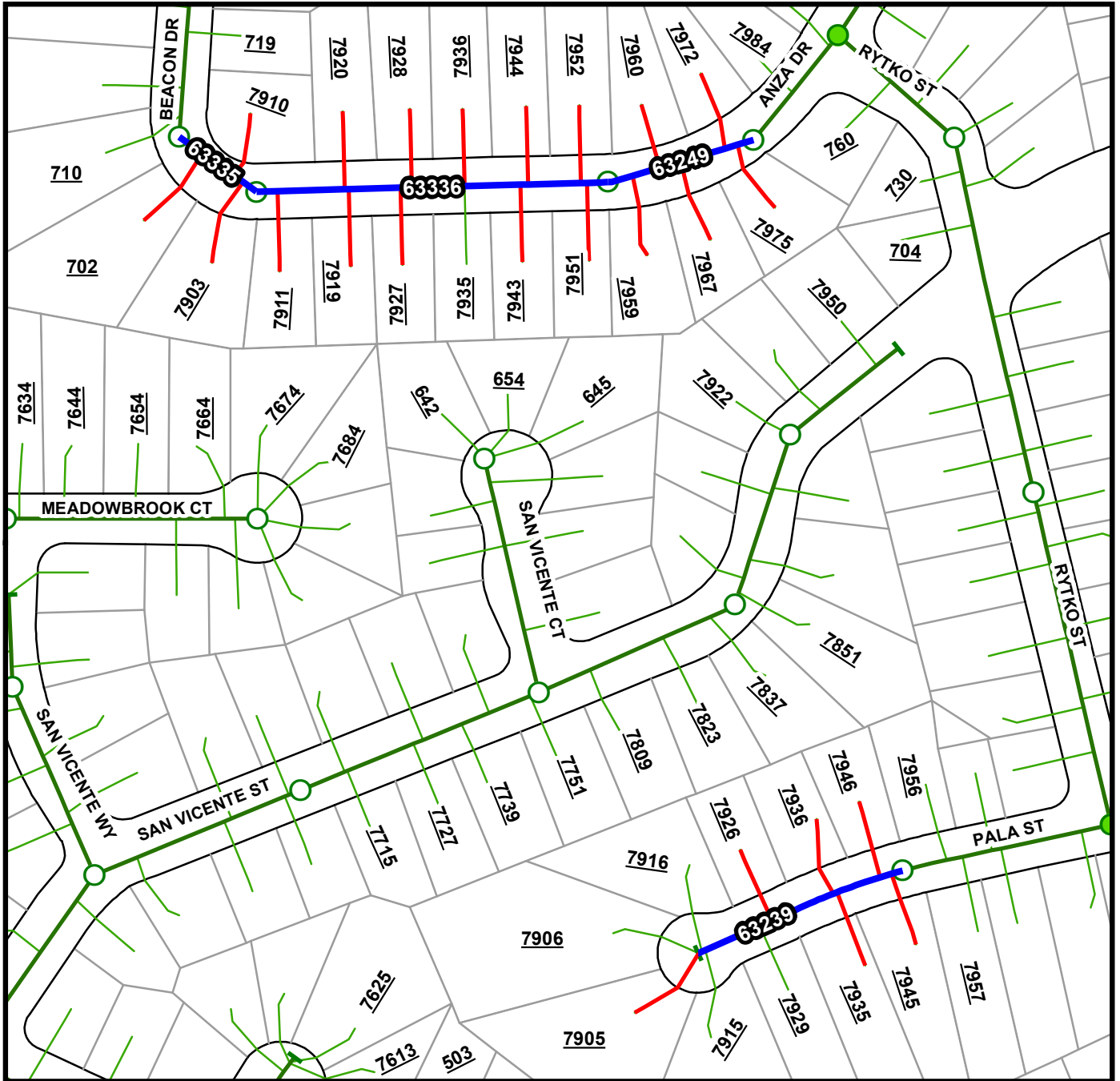
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619-533-4626

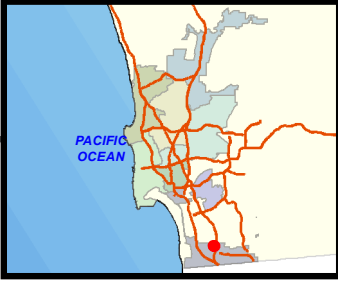
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Legend

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Pipeline Rehab - Phase G-2 (Laterals)

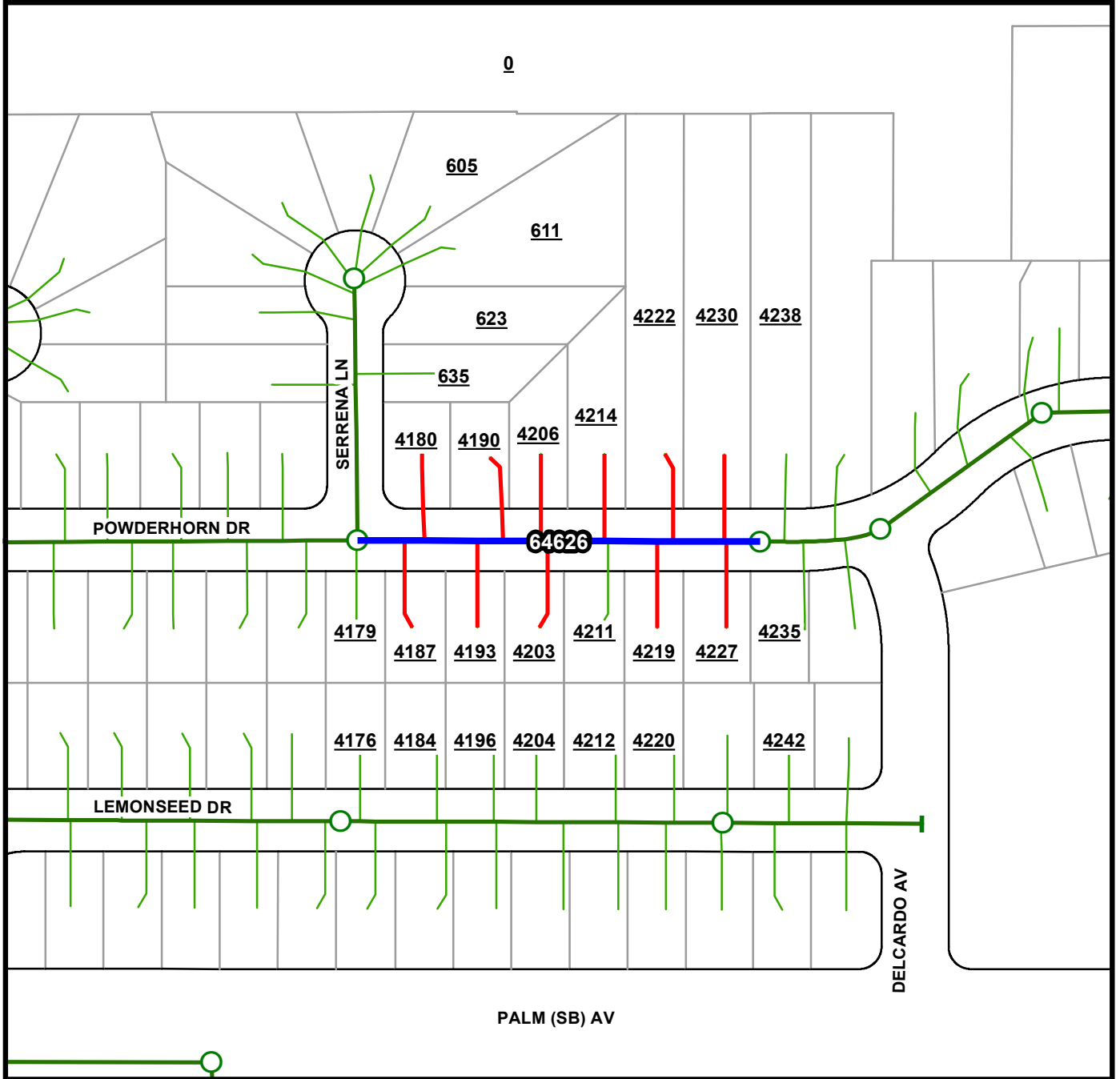
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Pipeline Rehab - Phase G-2 (Laterals)

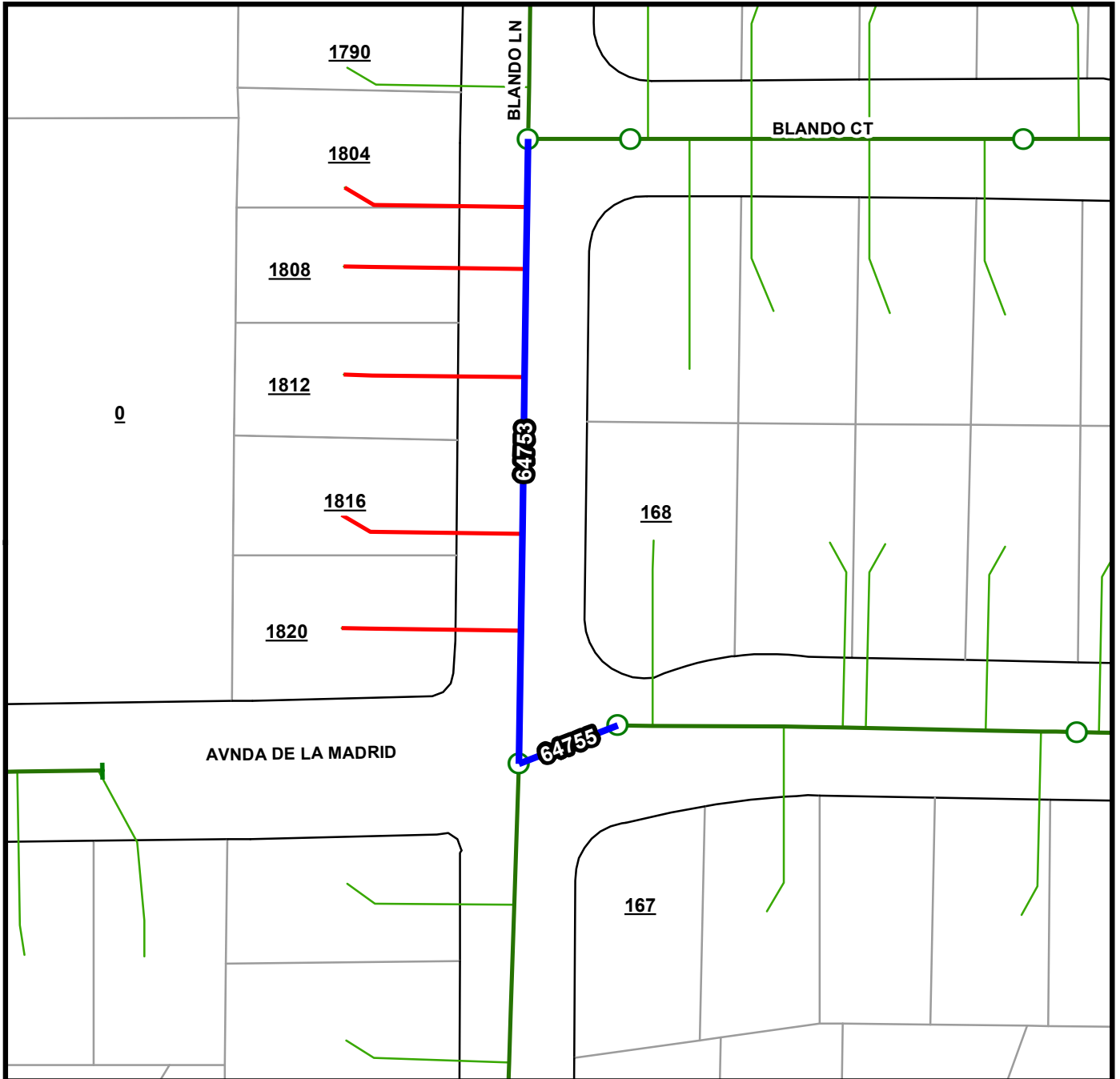
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Pipeline Rehab - Phase G-2 (Laterals)

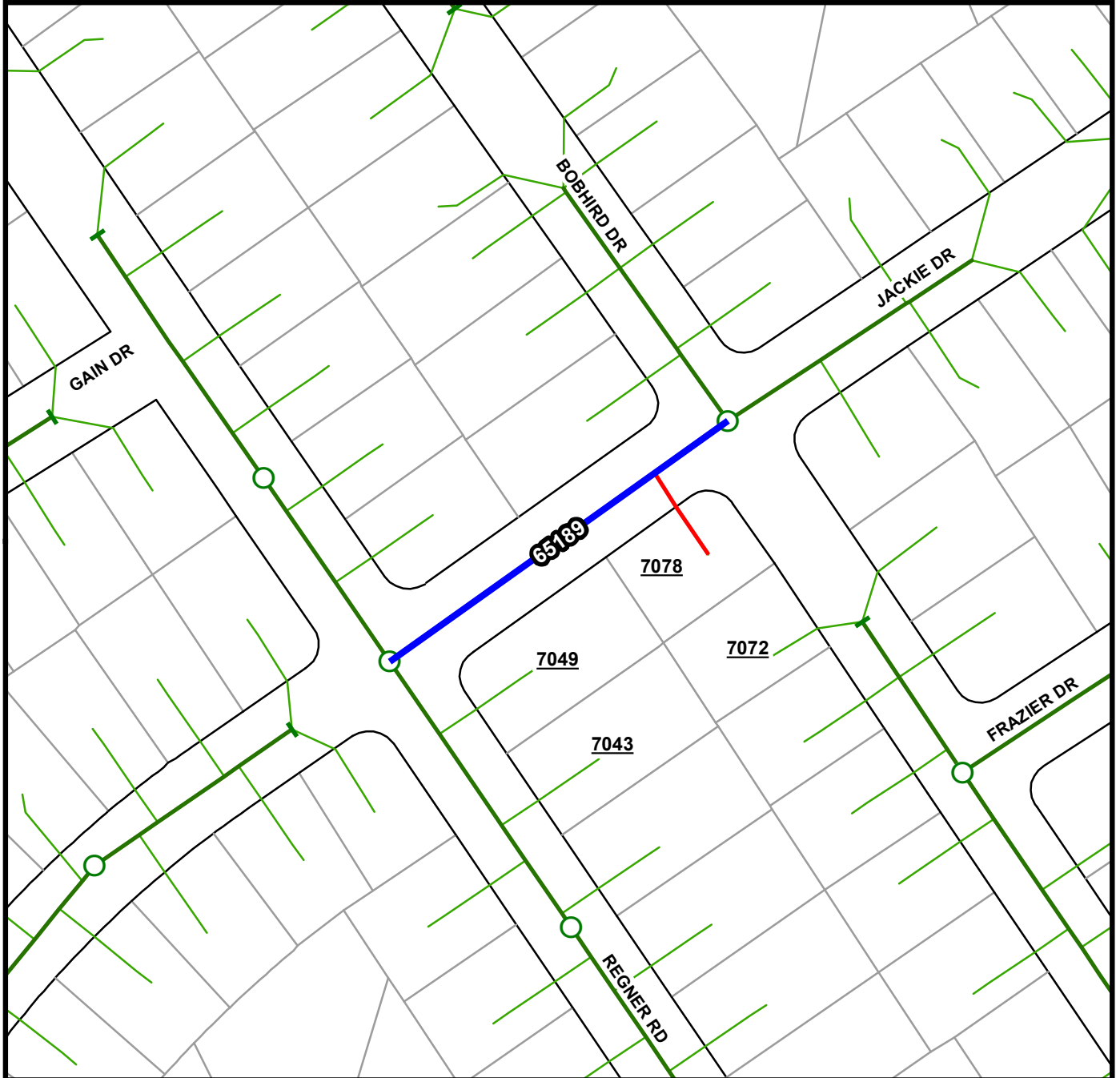
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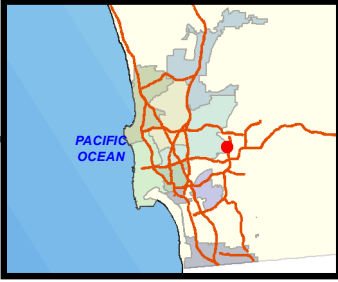
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Pipeline Rehab - Phase G-2 (Laterals)

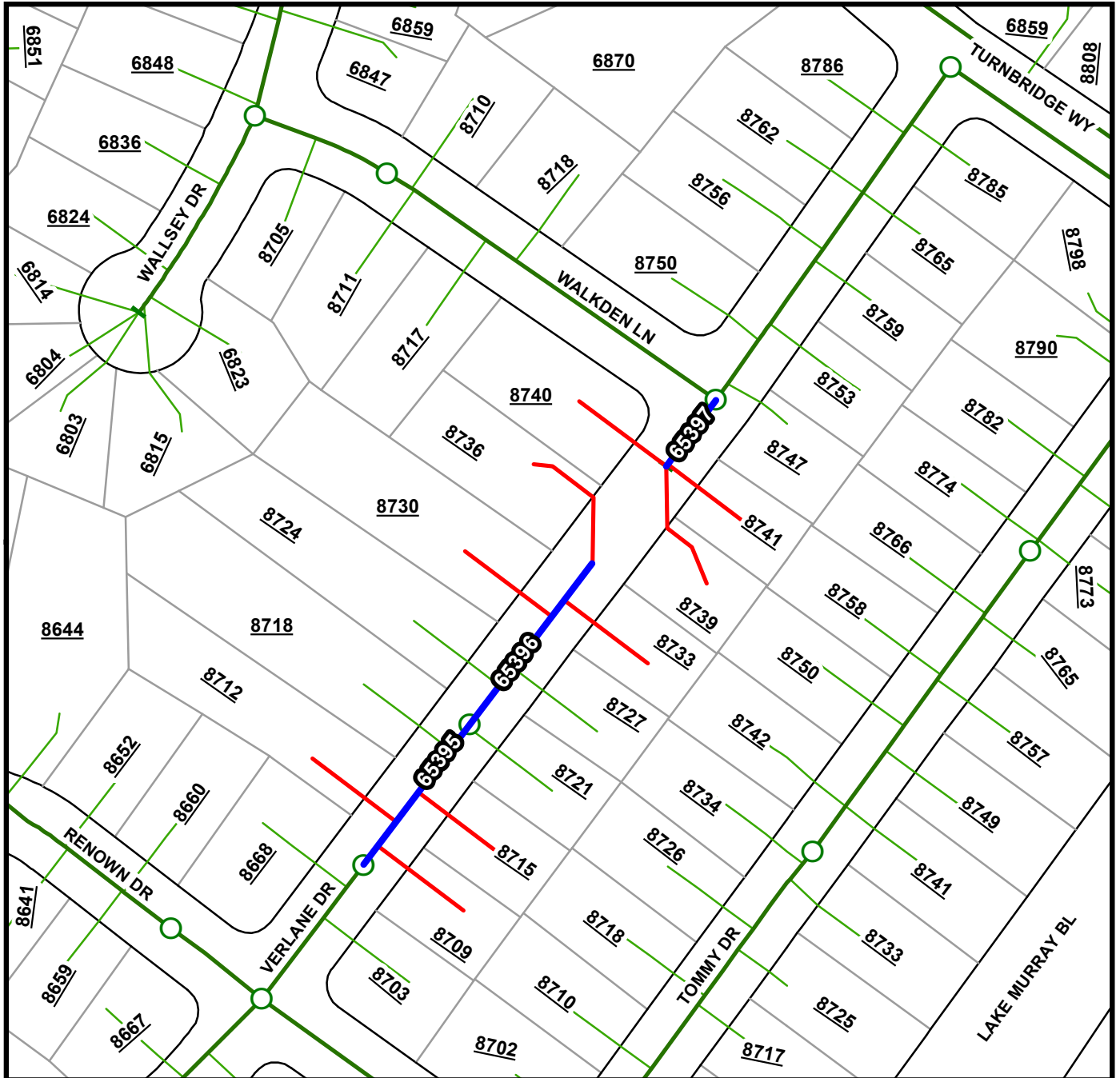
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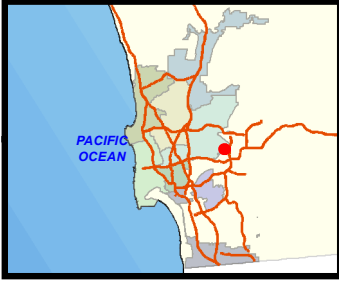
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Legend

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- G2 Laterals





Pipeline Rehab - Phase G-2 (Laterals)

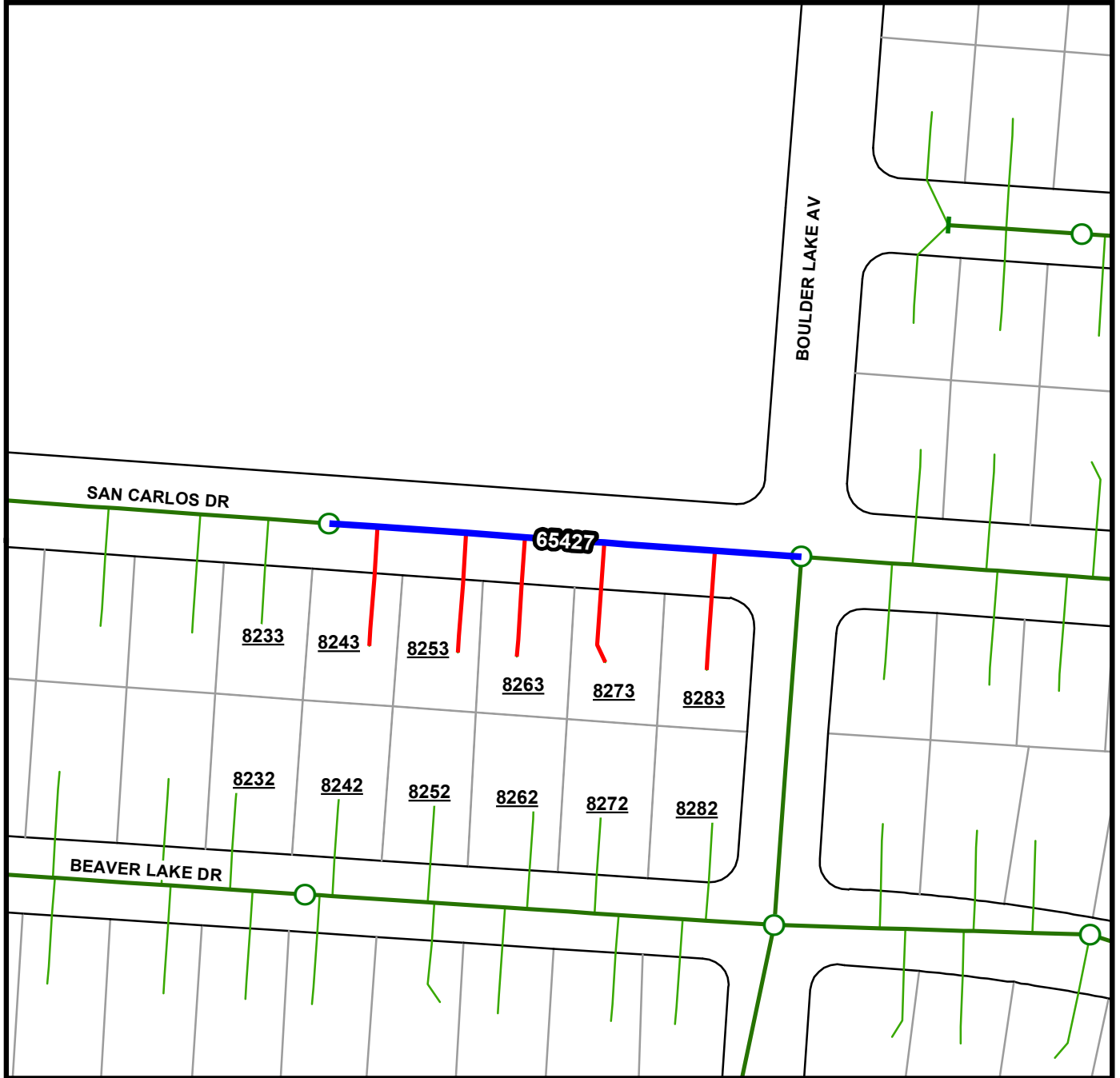
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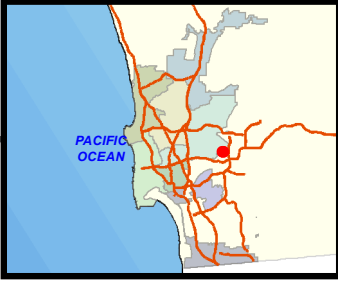
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Pipeline Rehab - Phase G-2 (Laterals)

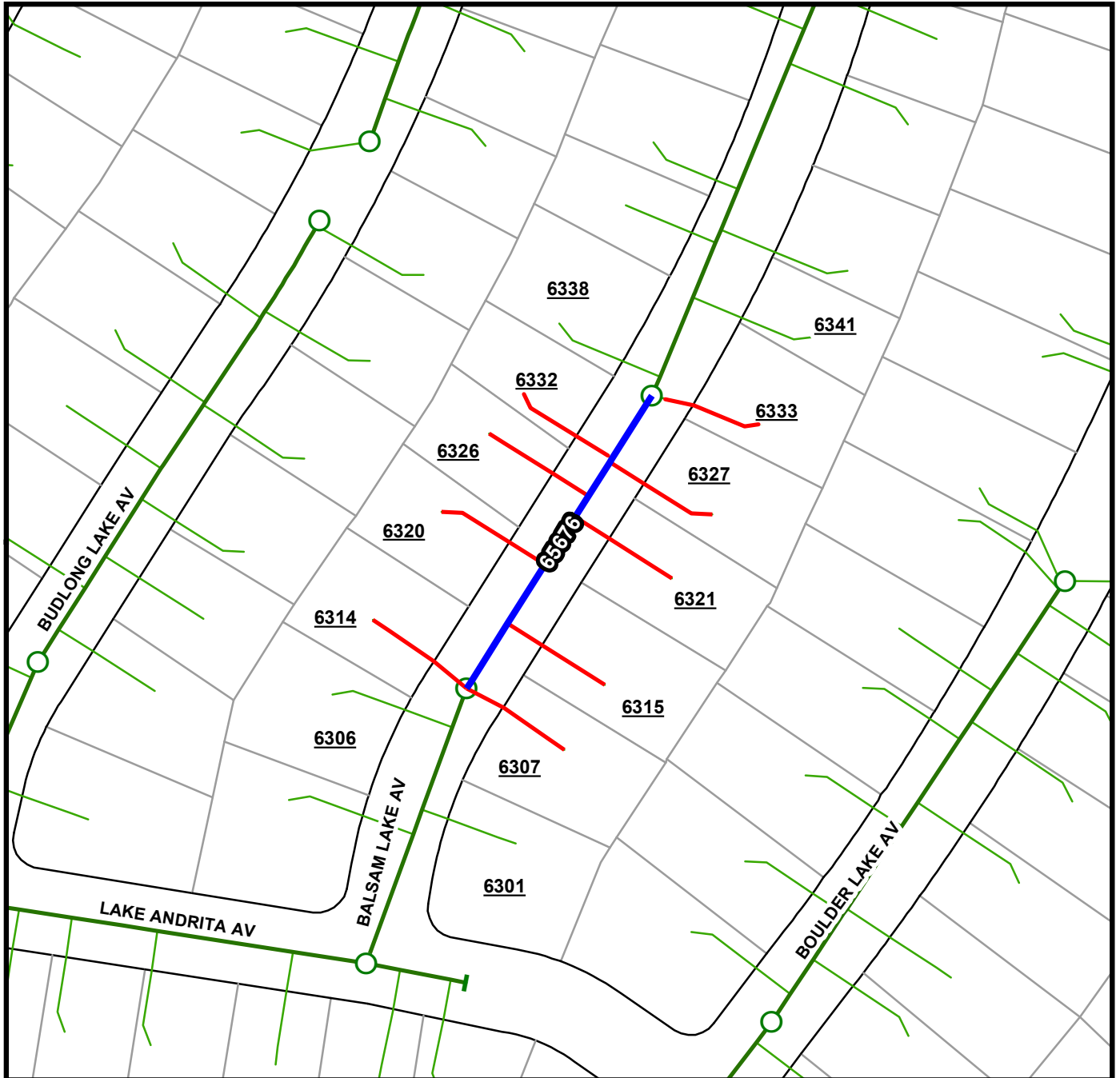
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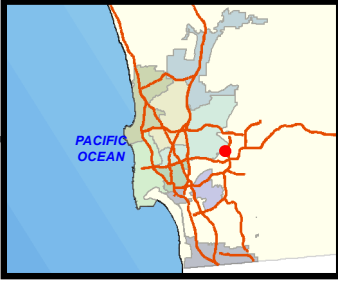
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Pipeline Rehab - Phase G-2 (Laterals)

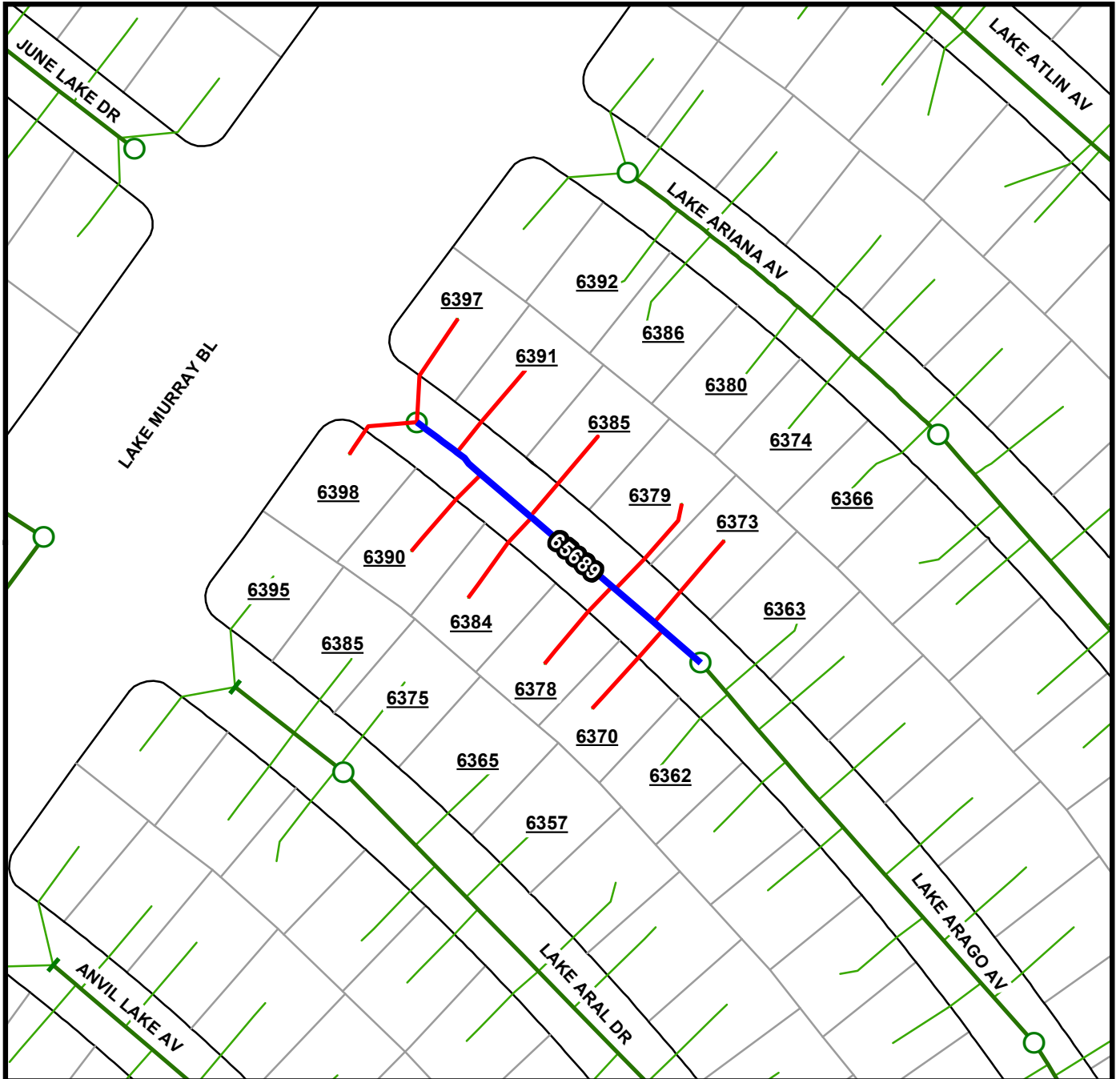
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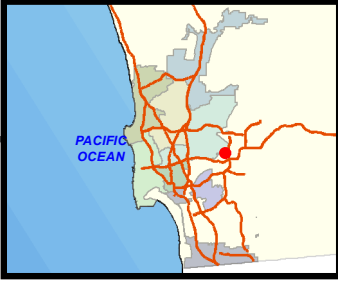
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Legend

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Pipeline Rehab - Phase G-2 (Laterals)

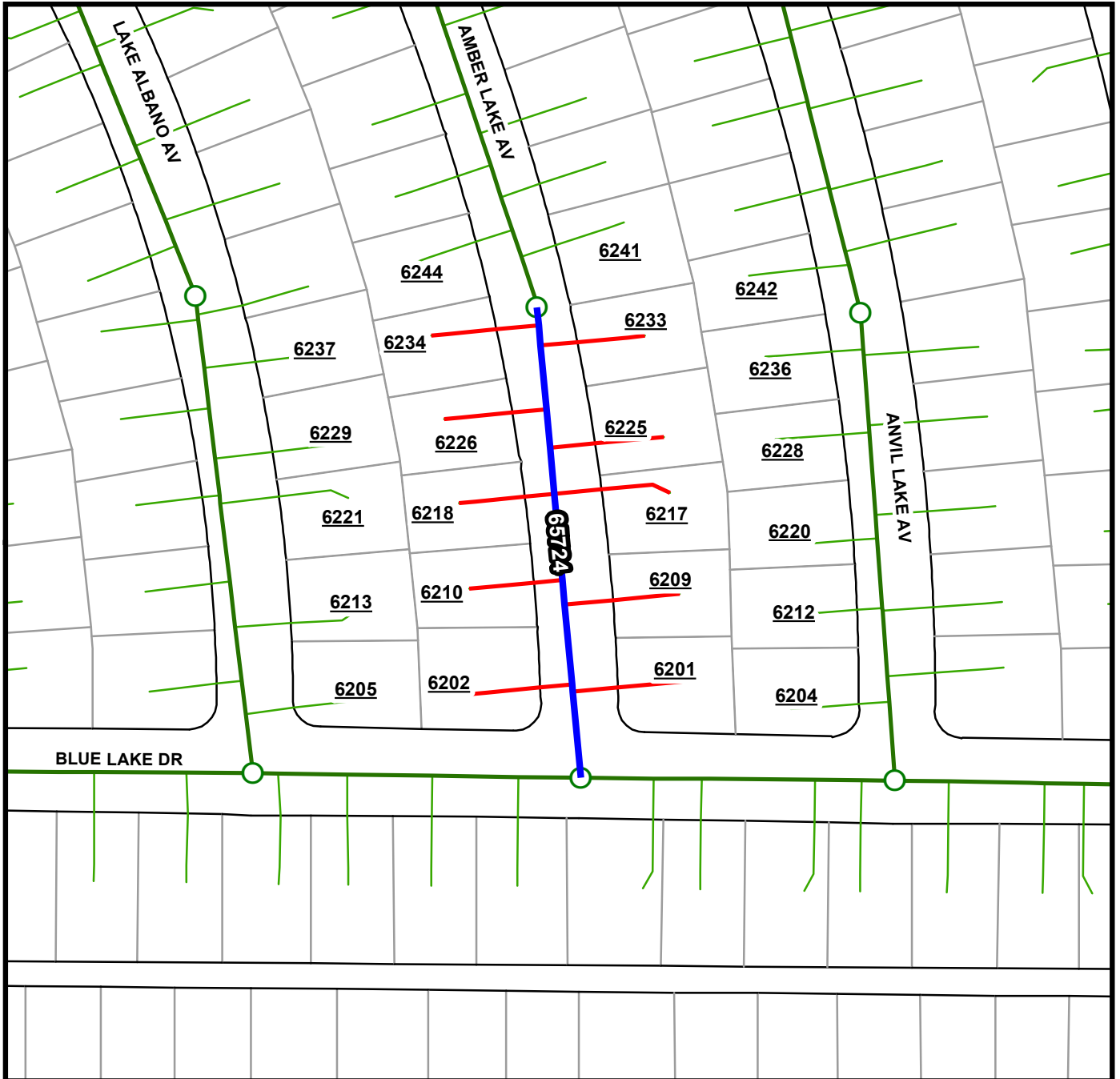
SENIOR ENGINEER
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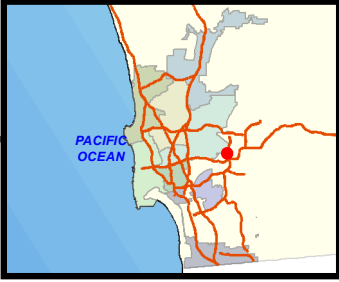
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INFORMATION LINE
619-533-4207



Legend

- G2 Mains
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Pipeline Rehab - Phase G-2 (Laterals)

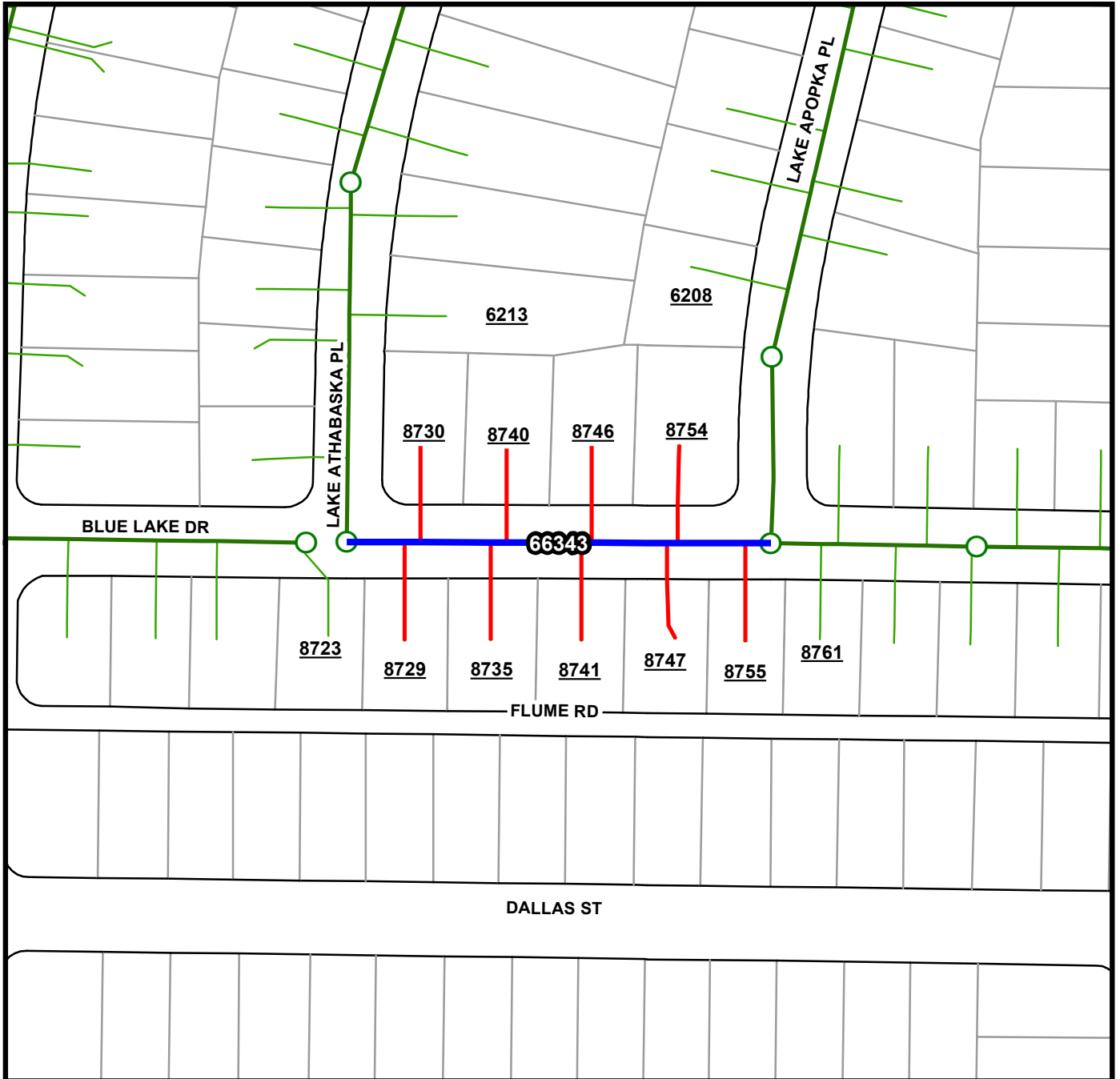
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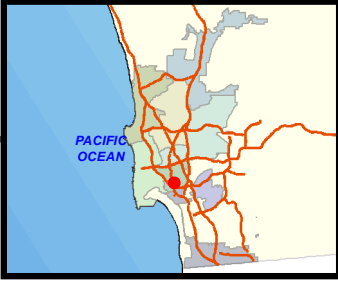
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Pipeline Rehab - Phase G-2 (Laterals)

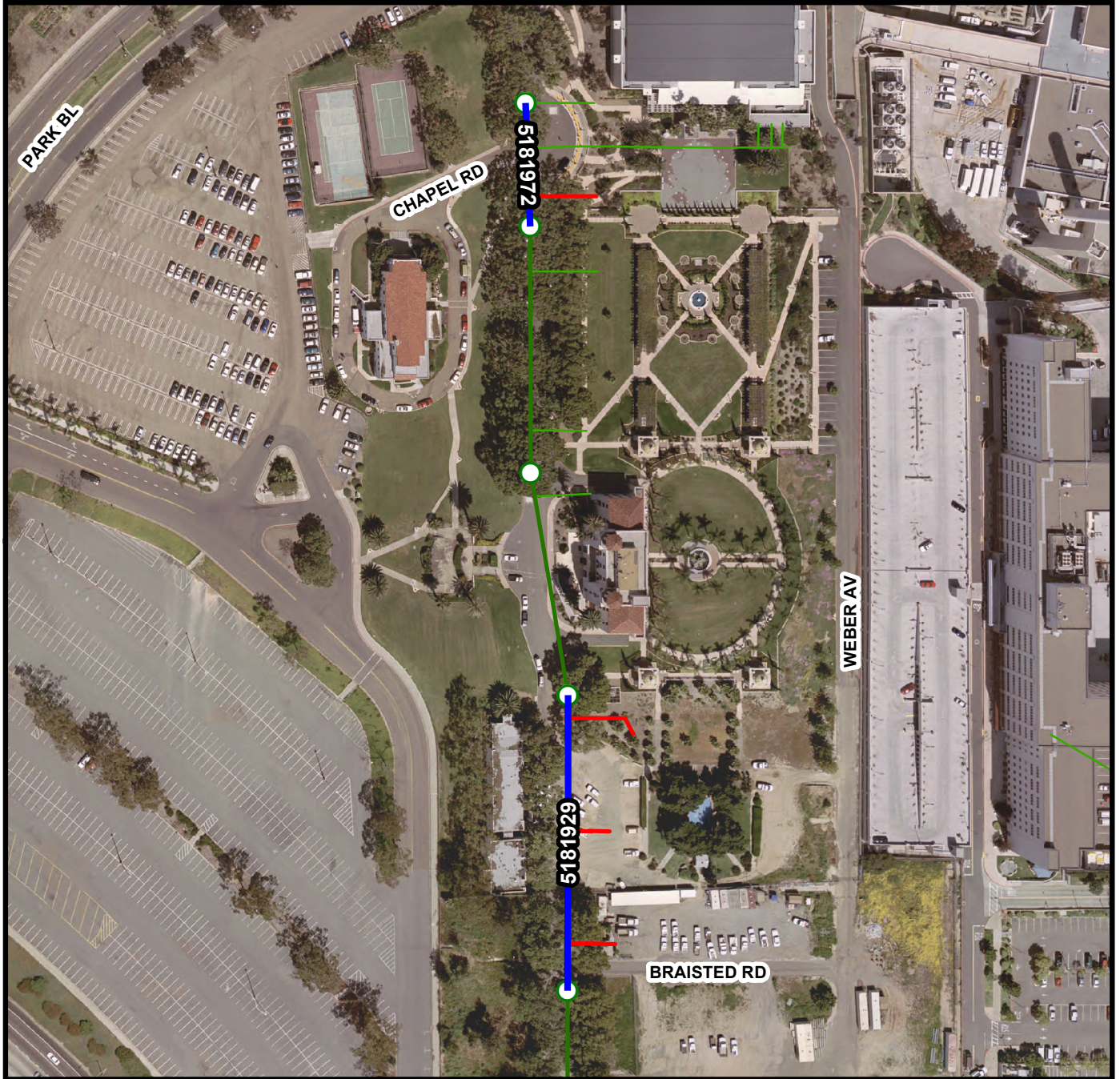
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Legend

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APPENDIX F
SCOPE OF WORK

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1	132	1543 Soledad Ave.	171108		A10S	1	1227-6G		91
2	132	1540 Soledad Ave.	N/A		A10S	1	1227-6G		92
3	326	720 Silver St.	171985		A10S	1	1227-7E		55
4	326	701 Silver St.	172086		A10S	1	1227-7E		88
5	326	7601-A Draper Ave.	171998		A10S	1	1227-7E		93
6	326	7601-B Draper Ave.	375667		A10S	1	1227-7E		116
7	326	7601-C Draper Ave.	280876		A10S	1	1227-7E		134
8	599	6683 Aranda Ave.	304396		A11S	1	1247-1F	82	
9	600	1025 Scarlati Pl.	176234		A11S	1	1247-1F		52
10	600	1030 Scarlati Pl.	176120		A11S	1	1247-1F		67
11	600	1037 Scarlati Pl.	304406		A11S	1	1247-1F		127
12	600	1040 Scarlati Pl.	304322		A11S	1	1247-1F		145
13	600	1050 Scarlati Pl.	176185		A11S	1	1247-1F		198
14	600	6672 Scarlati Ave.	176290		A11S	1	1247-1F		199
15	627	6526 Avenida Wilfredo	305489		A11S	1	1247-2F	88	
16	627	1102 Via Carolina	177864		A11S	1	1247-2F	93	
17	656	1244 Via Barranca	176751		A11S	1	1247-1G	1	
18	662	6662 Ave la Reina	304578		A11S	1	1247-1F	52	
19	662	6661 Ave la Reina	304607		A11S	1	1247-1F	55	
20	662	6672 Ave la Reina	176423		A11S	1	1247-1F	133	
21	664	1205 Nautilus St.	176401		A11S	1	1247-1G	84	
22	675	1252 Muirlands Vista Wy.	304751		A11S	1	1247-1G	65	
23	675	1253 Muirlands Vista Wy.	176726		A11S	1	1247-1G	109	
24	1067	5945 Avenida Chamnez	181983		A12S	1	1247-3G	60	
25	1067	5950 Avenida Chamnez	308405		A12S	1	1247-3G	98	
26	1067	5957 Avenida Chamnez	308309		A12S	1	1247-3G	163	
27	1067	5962 Avenida Chamnez	181899		A12S	1	1247-3G	173	
28	1067	5971 Avenida Chamnez	181748		A12S	1	1247-3G	250	
29	1080	5984-A La Jolla Corona	308392		A12S	1	1247-3G		59
30	1080	5996 La Jolla Corona	182023		A12S	1	1247-3F		84

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
31	1080	5984-B La Jolla Corona	N/A		A12S	1	1247-3G		90
32	1276	5628 Linda Rosa Ave.	310314		A13S	1	1247-3G		12
33	1276	5631 Linda Rosa Ave.	184686		A13S	1	1247-3G		71
34	1276	5636 Linda Rosa Ave.	310273		A13S	1	1247-3G		80
35	1276	5637 Linda Rosa Ave.	310212		A13S	1	1247-3G		104
36	1276	5643 Linda Rosa Ave.	310168		A13S	1	1247-3G		144
37	1276	5648 Linda Rosa Ave.	184609		A13S	1	1247-3G		155
38	1276	5649 Linda Rosa Ave.	184508		A13S	1	1247-3G		185
39	1279	5617 Taft Ave.	184971		A13S	1	1247-4G		161
40	1279	5618 Taft Ave.	310460		A13S	1	1247-4G		170
41	1279	5623 Taft Ave.	310394		A13S	1	1247-3G		206
42	1279	5622 Taft Ave.	310422		A13S	1	1247-3G		225
43	1279	5629 Taft Ave.	184849		A13S	1	1247-3G		259
44	1279	5628 Taft Ave.	310376		A13S	1	1247-3G		262
45	1279	5631 Taft Ave.	310313		A13S	1	1247-3G		295
46	1279	5634 Taft Ave.	310336		A13S	1	1247-3G		304
47	1280	5638 Taft Ave.	310268		A13S	1	1247-3G		47
48	1280	5646 Taft Ave.	184682		A13S	1	1247-3G		60
49	1280	5651 Taft Ave.	N/A		A13S	1	1247-3G		96
50	1280	5652 Taft Ave.	310208		A13S	1	1247-3G		105
51	1280	5657 Taft Ave.	184522		A13S	1	1247-3G		138
52	1280	5656 Taft Ave.	310179		A13S	1	1247-3G		144
53	2600	1642 Kearsarge Rd.	170933		A10S	1	1227-6G		222
54	2994	6817 FairWy. Rd.	303696		B11S	1	1247-1G		71
55	2999	6931 Via Valverde	303495		B11S	1	1247-1H		77
56	3009	6901 Paseo Laredo	303724		B11S	1	1247-1H		25
57	3009	6918 Paseo Laredo	303728		B11S	1	1247-1H		34
58	3009	6902 Paseo Laredo	303781		B11S	1	1247-1H		120
59	3154	6745 Muirlands Dr.	304010		B11S	1	1247-1G	91	
60	3222	6822 Paseo Laredo	176129		B11S	1	1247-1H	30	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
61	3222	6830 Paseo Laredo	304320		B11S	1	1247-1H	112	
62	3224	6876 Paseo Laredo	175853		B11S	1	1247-1H	79	
63	3224	6875 Paseo Laredo	304050		B11S	1	1247-1H	87	
64	3224	6885 Paseo Laredo	303939		B11S	1	1247-1H	220	
65	3357	6127-A Calle Veracruz	375002		B12S	1	1247-2J		28
66	3357	2110-A Calle Guaymas	179365		B12S	1	1247-2J		32
67	3357	2110-B Calle Guaymas	N/A		B12S	1	1247-2J		105
68	3357	6127-B Calle Veracruz	N/A		B12S	1	1247-2J		106
69	3576	1086 Skylark Dr.	184303		B13S	1	1247-3G		93
70	3595	5539 Ladybird Pl.	185260		B13S	1	1247-4G	7	
71	3595	5532 Ladybird Pl.	185364		B13S	1	1247-4G	66	
72	3595	5531 Ladybird Pl.	310709		B13S	1	1247-4G	76	
73	8339	2621 Ariane Dr.	N/A		C12S	2	1248-B2	52	
74	8339	2665 Ariane Dr.	N/A		C12S	2	1248-B2	63	
75	10561	3540 Liggett Dr.	244215		C20S	2	1288-B1	52	
76	10561	3529 Liggett Dr.	351388		C20S	2	1288-B1	146	
77	10561	3517 Liggett Dr.	244394		C20S	2	1288-B1	154	
78	10561	3528 Liggett Dr.	244282		C20S	2	1288-B1	163	
79	10561	3516 Liggett Dr.	351367		C20S	2	1288-B1	250	
80	10561	1536 Liggett Dr.	244458		C20S	2	1288-B1	268	
81	10562	3504 Liggett Dr.	244366		C20S	2	1288-B1	3	
82	10562	1565 Clove St.	351447		C20S	2	1288-B1	62	
83	10564	1555 Clove St.	244590		C20S	2	1288-B1	68	
84	10564	1517 Clove St.	281180		C20S	2	1288-B1	127	
85	10564	3436 Ingelow St.	351601		C20S	2	1288-B1	153	
86	10564	3430 Ingelow St.	244679		C20S	2	1288-B1	167	
87	10564	3429 Ingelow St.	281179		C20S	2	1288-B1	216	
88	10564	3424 Ingelow St.	351664		C20S	2	1288-B1	216	
89	10564	3423 Ingelow St.	375822		C20S	2	1288-B1	233	
90	10564	3420 Ingelow St.	244772		C20S	2	1288-B1	258	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
91	10564	3417 Ingelow St.	244833		C20S	2	1288-B1	259	
92	10665	3644 Liggett Dr.	243884		C20S	2	1288-B1	35	
93	10665	3643 Liggett Dr.	243989		C20S	2	1288-B1	59	
94	10665	3636 Liggett Dr.	351040		C20S	2	1288-B1	119	
95	10665	3628 Liggett Dr.	243905		C20S	2	1288-B1	200	
96	10667	3664 Carleton St.	351132		C20S	2	1288-B1	33	
97	10667	3620 Carleton St.	243912		C20S	2	1288-B1	41	
98	10667	3612 Liggett Dr.	351072		C20S	2	1288-B1	126	
99	10667	3605 Liggett Dr.	351149		C20S	2	1288-B1	164	
100	10667	3603 Garrison St.	243953		C20S	2	1288-B1	200	
101	10667	3582 Garrison St.	244090		C20S	2	1288-B1	302	
102	10667	3604 Garrison St.	243962		C20S	2	1288-B1	320	
103	10674	3560 Liggett Dr.	244045		C20S	2	1288-B1	25	
104	10674	3552 Liggett Dr.	244125		C20S	2	1288-B1	115	
105	10674	3553 Liggett Dr.	351301		C20S	2	1288-B1	127	
106	10674	0 Liggett Dr.	351258		C20S	2	1288-B1	151	
107	10675	3585 Liggett Dr.	351173		C20S	2	1288-B1	15	
108	10675	3582 Liggett Dr.	243980		C20S	2	1288-B1	69	
109	10675	3575 Liggett Dr.	351190		C20S	2	1288-B1	87	
110	10675	3572 Liggett Dr.	351114		C20S	2	1288-B1	183	
111	10675	3565 Liggett Dr.	244131		C20S	2	1288-B1	194	
112	13619	5016 Capehart St.	173887		D11S	6	1228-E7		3
113	13619	5021 Capehart St.	173861		D11S	6	1228-E7		8
114	13619	5022 Capehart St.	173793		D11S	6	1228-E7		61
115	13619	5027 Capehart St.	173737		D11S	6	1228-E7		87
116	13619	5028 Capehart St.	302652		D11S	6	1228-E7		102
117	13619	5033 Capehart St.	302644		D11S	6	1228-E7		128
118	13619	5034 Capehart St.	173596		D11S	6	1228-E7		170
119	13619	5039 Capehart St.	173557		D11S	6	1228-E7		209
120	13619	5040 Capehart St.	302558		D11S	6	1228-E7		212

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
121	13620	5015 Capehart St.	173950		D11S	6	1228-E7	46	
122	13620	5008 Capehart St.	173973		D11S	6	1228-E7	80	
123	13620	5007 Capehart St.	174010		D11S	6	1228-E7	86	
124	13675	4691 Pocahontas Ave.	N/A		D11S	6	1248-D1	64	
125	13675	4690 Coconino Wy.	304854		D11S	6	1248-D1	191	
126	13895	3565 Idlewild Wy.	306682		D12S	2	1248-D2	10	
127	13895	3566 Idlewild Wy.	179472		D12S	2	1248-D2	15	
128	13895	3559 Idlewild Wy.	306681		D12S	2	1248-D2	57	
129	13895	3560 Idlewild Wy.	179465		D12S	2	1248-D2	65	
130	13895	3553 Idlewild Wy.	179598		D12S	2	1248-D2	123	
131	13895	3554 Idlewild Wy.	306582		D12S	2	1248-D2	129	
132	13895	3547 Idlewild Wy.	179593		D12S	2	1248-D2	177	
133	13895	3548 Idlewild Wy.	306577		D12S	2	1248-D2	187	
134	13895	3542 Idlewild Wy.	179451		D12S	2	1248-D2	244	
135	13895	3577 Oak Glen Ln.	306662		D12S	2	1248-F1	289	
136	14048	3125 Courser Ave.	308160		D12S	2	1248-2C	5	
137	14048	3120 Courser Ave.	181498		D12S	2	1248-2C	66	
138	14048	3117 Courser Ave.	181588		D12S	2	1248-2C	72	
139	14048	3112 Courser Ave.	308049		D12S	2	1248-2C	129	
140	14048	3109 Courser Ave.	308105		D12S	2	1248-2C	137	
141	14048	3104 Courser Ave.	308022		D12S	2	1248-2C	195	
142	14048	3101 Courser Ave.	308080		D12S	2	1248-2C	204	
143	14048	3074 Courser Ave.	307997		D12S	2	1248-2C	263	
144	14048	3069 Courser Ave.	181475		D12S	2	1248-2C	276	
145	14048	3066 Courser Ave.	181365		D12S	2	1248-2C	319	
146	14049	3168 Courser Ave.	181718		D12S	2	1248-2C	5	
147	14049	3165 Courser Ave.	181786		D12S	2	1248-2C	26	
148	14049	3160 Courser Ave.	181675		D12S	2	1248-2C	76	
149	14049	3152 Courser Ave.	308178		D12S	2	1248-2C	131	
150	14049	3151 Courser Ave.	181736		D12S	2	1248-2C	139	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
151	14049	3142 Courser Ave.	181605		D12S	2	1248-2C	197	
152	14049	3141 Courser Ave.	308205		D12S	2	1248-2C	210	
153	14049	3136 Courser Ave.	181567		D12S	2	1248-2C	263	
154	14049	3133 Courser Ave.	308186		D12S	2	1248-2C	272	
155	14049	3128 Courser Ave.	181534		D12S	2	1248-2C	327	
156	14105	3174 Courser Ave.	181773		D12S	2	1248-2C	40	
157	14105	3182 Courser Ave.	181863		D12S	2	1248-2C	95	
158	14105	3177 Courser Ave.	308325		D12S	2	1248-2C	101	
159	14105	4350 Barrows St.	308381		D12S	2	1248-2C	158	
160	14335	3727 Vista De La Bahia	314726		D13S	2	1248-E4		24
161	14335	3717 Vista De La Bahia	190990		D13S	2	1248-E4		88
162	14335	3712 Vista De La Bahia	314860		D13S	2	1248-E4		106
163	14335	3707 Vista De La Bahia	314881		D13S	2	1248-E4		141
164	14336	3727 Vista De La Bahia	190822		D13S	2	1248-4E	22	
165	14336	3731 Vista De La Bahia	190970		D13S	2	1248-4E	30	
166	14336	3747 Vista De La Bahia	190803		D13S	2	1248-4E	82	
167	14583	3433 Bunker Hill St.	193364		D14S	2	1248-5D	4	
168	14583	3584 Moultrie Ave.	193383		D14S	2	1248-5D	14	
169	14583	3578-B Moultrie Ave.	316496		D14S	2	1248-5D	49	
170	14583	3578-A Moultrie Ave.	193556		D14S	2	1248-5D	98	
171	14583	3572 Moultrie Ave.	316607		D14S	2	1248-5D	118	
172	14583	3562 Moultrie Ave.	316636		D14S	2	1248-5D	138	
173	14583	3560 Moultrie Ave.	316678		D14S	2	1248-5D	168	
174	14583	3558 Moultrie Ave.	316730		D14S	2	1248-5D	188	
175	14583	3552 Moultrie Ave.	316776		D14S	2	1248-5D	216	
176	14583	3548 Moultrie Ave.	193916		D14S	2	1248-5D	255	
177	14633	3458 Via Beltran	5619880		D14S	2	1248-5E	37	
178	14633	3459 Via Beltran	317130		D14S	2	1248-5E	39	
179	14633	3450 Via Beltran	317253		D14S	2	1248-5E	88	
180	14634	3466 Via Beltran	317055		D14S	2	1248-5E	3	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
181	14634	3459 Via Beltran	N/A		D14S	2	1248-5E	37	
182	14634	3474 Via Beltran	194084		D14S	2	1248-5E	56	
183	14634	3479 Via Beltran	316927		D14S	2	1248-5E	83	
184	14634	3482 Via Beltran	193950		D14S	2	1248-5E	121	
185	14634	3489 Via Beltran	316786		D14S	2	1248-5E	166	
186	17568	4449 Clairemont Mesa Blvd.	N/A		D11S	6	1248-F1	16	
187	17568	4467 Manitou Wy.	175572		E11S	6	1248-F1	19	
188	17568	4475 Manitou Wy.	175575		E11S	6	1248-F1	52	
189	17568	4453 Clairemont Mesa Blvd.	N/A		D11S	6	1248-F1	60	
190	17568	4471 Clairemont Mesa Blvd.	N/A		D11S	6	1248-F1	99	
191	17568	4485 Manitou Wy.	175574		E11S	6	1248-F1	108	
192	17568	4860 Genessee Ave.	303884		E11S	6	1248-F1	185	
193	17568	4475 Clairemont Mesa Blvd.	N/A		D11S	6	1248-F1	188	
194	17568	4874 Clairemont Mesa Blvd.	N/A		D11S	6	1248-F1	204	
195	18888	1850 Illion St.	209208		E16S	2	1268-F1		57
196	18888	1876 Illion St.	209139		E16S	2	1268-F1		158
197	18888	1904 Illion St.	5008710		E16S	2	1268-F1		213
198	18888	1910 Illion St.	328141		E16S	2	1268-F1		217
199	21196	4675 Almayo Ave.	305419		F11S	6	1248-G1		20
200	21196	4665 Almayo Ave.	177653		F11S	6	1248-G1		96
201	21196	4696 Almayo Ave.	N/A		F11S	6	1248-G1		135
202	21197	4663 Almayo Ave.	177839		F11S	6	1248-G1		13
203	21197	4651 Almayo Ave.	177960		F11S	6	1248-G1		92
204	21197	4639 Almayo Ave.	305554		F11S	6	1248-G1		140
205	21197	4640 Almayo Ave.	378490		F11S	6	1248-G1		155
206	21197	4628 Almayo Ave.	378491		F11S	6	1248-G1		194
207	21197	4627 Almayo Ave.	305652		F11S	6	1248-G1		224
208	21197	4614 Almayo Ave.	178190		F11S	6	1248-G1		238
209	21197	4615 Almayo Ave.	178250		F11S	6	1248-G1		240
210	21781	6814 Erith St.	190094		F13S	6	1248-4J	134	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
211	21781	6819 Erith St.	190318		F13S	6	1248-4J	163	
212	21781	6831 Erith St.	190363		F13S	6	1248-4J	187	
213	21781	6826 Erith St.	190180		F13S	6	1248-4J	189	
214	21781	6838 Erith St.	190260		F13S	6	1248-4J	192	
215	21781	6843 Erith St.	190337		F13S	6	1248-4J	194	
216	21886	5540 Mt. Acara Dr.	315128		F13S	6	1248-4H	24	
217	21886	5533 Mt. Acara Dr.	191458		F13S	6	1248-4H	63	
218	21886	5536 Mt. Acara Dr.	315057		F13S	6	1248-4H	82	
219	21886	5530 Mt. Acara Dr.	314987		F13S	6	1248-4H	136	
220	21886	5525 Mt. Acara Dr.	191323		F13S	6	1248-4H	138	
221	22273	2417 E. Jewett St.	205966		F15S	7	1248-7J	118	
222	22273	2470 Ulric St.	205898		F15S	7	1248-7J	156	
223	27168	7807-7827 Nightingale Wy.	202997		G15S	7	1249-B6	18	
224	27168	7826-7842 Nightingale Wy.	5619869		G15S	7	1249-B6	38	
225	27168	7807-7827 Nightingale Wy.	5619879		G15S	7	1249-B6	61	
226	27168	7826-7842 Nightingale Wy.	5619868		G15S	7	1249-B6	84	
227	27168	7767-7787 Nightingale Wy.	5619868		G15S	7	1249-B6	137	
228	27168	7762-7768 Nightingale Wy.	5619867		G15S	7	1249-B6	139	
229	27168	7756-7760 Nightingale Wy.	5619866		G15S	7	1249-B6	202	
230	27168	7737-7757 Nightingale Wy.	323703		G15S	7	1249-B6	215	
231	27168	7756-7760 Nightingale Wy.	5619865		G15S	7	1249-B6	258	
232	27272	7826-7842 Nightingale Wy.	N/A		G15S	7	1249-B6		4
233	27272	7826-7842 Nightingale Wy.	323394		G15S	7	1249-B6		17
234	27272	7857 Nightingale Wy.	203003		G15S	7	1249-B6		33
235	27272	7846-7882 Nightingale Wy.	N/A		G15S	7	1249-B6		50
236	27272	7846-7882 Nightingale Wy.	N/A		G15S	7	1249-B6		104
237	27272	7833-7887 Nightingale Wy.	202934		G15S	7	1249-B6		106
238	27272	7833-7887 Nightingale Wy.	323532	X	G15S	7	1249-B6		139
239	27272	7846-7882 Nightingale Wy.	323391	X	G15S	7	1249-B6		144
240	27272	7846-7882 Nightingale Wy.	N/A		G15S	7	1249-B6		150

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
241	27272	7833-7887 Nightingale Wy.	N/A		G15S	7	1249-B6		151
242	27322	2585 Pheasant Dr.	205230		G16S	7	1249-B7	3	
243	27322	2575 Pheasant Dr.	325356		G16S	7	1249-B7	50	
244	27322	2582 Pheasant Dr.	205311		G16S	7	1249-B7	58	
245	27322	2567 Pheasant Dr.	325399		G16S	7	1249-B7	95	
246	27322	2574 Pheasant Dr.	205368		G16S	7	1249-B7	100	
247	27364	2370 Cardinal Dr.	206034		G15S	7	1249-7A	8	
248	27364	2383-A Cardinal Dr.	N/A		G15S	7	1249-7A	47	
249	27364	2383-B Cardinal Dr.	N/A		G15S	7	1249-7A	159	
250	27364	2350 Cardinal Dr.	206215		G15S	7	1249-7A	161	
251	27364	2342 Cardinal Dr.	206268		G15S	7	1249-7A	237	
252	27364	2341 Cardinal Dr.	326031		G15S	7	1249-7A	257	
253	27364	2334 Cardinal Dr.	326079		G15S	7	1249-7A	297	
254	27364	2331 Cardinal Dr.	206385		G15S	7	1249-7A	316	
255	32725	3149 Mission Village Dr.	196025		H14S	7	1249-5E		9
256	32725	3137 Mission Village Dr.	318529		H14S	7	1249-5E		69
257	32725	3138 Mission Village Dr.	196186		H14S	7	1249-5E		75
258	32725	3125 Mission Village Dr.	318619		H14S	7	1249-5E		132
259	32725	3126 Mission Village Dr.	196316		H14S	7	1249-5E		137
260	32725	3115 Mission Village Dr.	196341		H14S	7	1249-5E		190
261	32725	3114 Mission Village Dr.	196453		H14S	7	1249-5E		193
262	32888	8993 Kobe Pl.	322689		H15S	7	1249-6D	13	
263	32888	8992 Kobe Pl.	322593		H15S	7	1249-6D	18	
264	33068	8901 Sandmark Ave.	205252		H15S	7	1249-7C		20
265	33068	8904 Sandmark Ave.	205250		H15S	7	1249-7C		50
266	33068	8911 Sandmark Ave.	205247		H15S	7	1249-7C		87
267	33069	8887 Sandmark Ave.	205251		H15S	7	1249-7C	54	
268	33069	8875 Sandmark Ave.	205249		H15S	7	1249-7C	103	
269	33069	8866 Sandmark Ave.	205110		H15S	7	1249-7C	161	
270	33069	8867 Sandmark Ave.	205246		H15S	7	1249-7C	180	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
271	33069	8856 Sandmark Ave.	325181		H15S	7	1249-7C	209	
272	33069	8859 Sandmark Ave.	205248		H15S	7	1249-7C	224	
273	33070	2432 Root St.	324864		H15S	7	1249-7C	4	
274	33070	2421 Root St.	204803		H15S	7	1249-7C	61	
275	33070	2422 Root St.	204844		H15S	7	1249-7C	77	
276	33070	2412 Root St.	324999		H15S	7	1249-7C	101	
277	33070	2421 Root St.	204914		H15S	7	1249-7C	127	
278	33070	2411 Root St.	204994		H15S	7	1249-7C	170	
279	33070	8878 Sandmark St.	325107		H15S	7	1249-7C	183	
280	37680	3170 N. Mountain View Dr.	376650	X	I17S	3	1269-2E		46
281	37680	3175 N. Mountain View Dr.	330453	X	I17S	3	1269-2E		49
282	37942	4748 Bancroft St.	214777		I17S	3	1269-3E		1
283	37942	4755-B 32nd St.	N/A		I17S	3	1269-3E		19
284	37942	4755-A 32nd St.	214709		I17S	3	1269-3E		21
285	37942	4754/4758 Bancroft St.	214726		I17S	3	1269-3E		34
286	37942	4759/4761 32nd St.	214654		I17S	3	1269-3E		81
287	37942	4760/4762 Bancroft St.	331834		I17S	3	1269-3E		91
288	37942	4770 Bancroft St.	214613		I17S	3	1269-3E		126
289	37942	4769-B 32nd St.	214607		I17S	3	1269-3E		132
290	37942	4769-A 32nd St.	N/A		I17S	3	1269-3E		136
291	37942	4775 32nd St.	331722		I17S	3	1269-3E		187
292	37942	4776 Bancroft St.	331717		I17S	3	1269-3E		196
293	37942	4783 32nd St.	214471		I17S	3	1269-3E		201
294	37942	3235/3237/3239 Collier Ave.	214468		I17S	3	1269-3E		205
295	37949	3280-A N. Mountain View Dr.	N/A		I17S	3	1269-3F		19
296	37949	3280-B N. Mountain View Dr.	213027		I17S	3	1269-3F		70
297	37949	4912 33rd St.	376676		I17S	3	1269-3F		121
298	37949	3268 N. Mountain View Dr.	213029		I17S	3	1269-3F		134
299	37966	4902 33rd St.	331034		I17S	3	1269-3F		75
300	37966	4891 33rd St.	376686		I17S	3	1269-3F		168

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
301	37981	4820 34th St.	214090		I17S	3	1269-3F		13
302	37981	4824/4826 34th St.	214031		I17S	3	1269-3F		50
303	37981	4823/4825 Felton St.	331433		I17S	3	1269-3F		59
304	37981	4836/4838 34th St.	213969		I17S	3	1269-3F		101
305	37981	4837 Felton St.	331407		I17S	3	1269-3F		102
306	37981	4853-B/4843/4845 Felton St.	331369		I17S	3	1269-3F		149
307	37981	4842/4844 34th St.	213908		I17S	3	1269-3F		156
308	37981	4851/4853 Felton St.	213829		I17S	3	1269-3F		196
309	37981	4854/4852 34th St.	213808		I17S	3	1269-3F		203
310	38232	3299-B El Cajon Blvd.	N/A		I18S	9	1269-4F		5
311	38232	3299-A El Cajon Blvd.	221976		I18S	9	1269-4F		54
312	38323	4569, 71, 73, 75 34th St.	217556		I18S	3	1269-4F	23	
313	38323	4572 Hawley Blvd.	217568		I18S	3	1269-4F	25	
314	38323	4563 34th St.	217624		I18S	3	1269-4F	58	
315	38323	4561 34th St.	217625		I18S	3	1269-4F	59	
316	38323	4564 Hawley Blvd.	333724		I18S	3	1269-4F	73	
317	38323	4559 34th St.	217663		I18S	3	1269-4F	78	
318	38323	4559-1/2 34th St.	N/A		I18S	3	1269-4F	80	
319	38323	4549-B Hawley Blvd.	333783		I18S	3	1269-4F	112	
320	38323	4555/4553 34th St.	217734		I18S	3	1269-4F	117	
321	38323	4547 34th St.	217859		I18S	3	1269-4F	177	
322	38323	4548-A Hawley Blvd.	333852		I18S	3	1269-4F	181	
323	38323	4540/4542 Hawley Blvd.	333903		I18S	3	1269-4F	218	
324	38323	4539/4541 34th St.	217952		I18S	3	1269-4F	224	
325	38323	4526 Hawley Blvd.	218033		I18S	3	1269-4F	252	
326	38323	4535 34th St.	333965		I18S	3	1269-4F	255	
327	38992	2704 Felton St.	242654		I20S	3	1269-7F		2
328	38992	3310 Nutmeg St.	242644		I20S	3	1269-7F		17
329	38992	2711 33rd St.	350189		I20S	3	1269-7F		49
330	38992	2712 Felton St.	350186		I20S	3	1269-7F		52

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
331	38992	2717 33rd St.	242533		I20S	3	1269-7F		88
332	38992	2719 33rd St.	350081		I20S	3	1269-7F		94
333	38992	2720 Felton St.	350124		I20S	3	1269-7F		103
334	38992	2728 Felton St.	350082		I20S	3	1269-7F		136
335	38992	2727/2725 33rd St.	N/A		I20S	3	1269-7F		149
336	38992	2736 Felton St.	N/A		I20S	3	1269-7F		180
337	38992	2735 33rd St.	350013		I20S	3	1269-7F		202
338	38992	2743 33rd St.	242279		I20S	3	1269-7F		252
339	38992	2742 Felton St.	242256		I20S	3	1269-7F		261
340	39036	2446 34th St.	244005		I20S	3	1289-1F	6	
341	39036	2443 34th St.	351127		I20S	3	1289-1F	24	
342	39036	2438 34th St.	244086		I20S	3	1289-1F	49	
343	39036	2435 34th St.	351187		I20S	3	1289-1F	78	
344	39036	2432 34th St.	351239		I20S	3	1289-1F	98	
345	39036	2427 34th St.	351269		I20S	3	1289-1F	122	
346	39036	2420 34th St.	244275		I20S	3	1289-1F	150	
347	39036	2419 34th St.	244302		I20S	3	1289-1F	173	
348	39036	2412 34th St.	351377		I20S	3	1289-1F	201	
349	39036	2411 34th St.	351399		I20S	3	1289-1F	217	
350	39036	2404 34th St.	244423		I20S	3	1289-1F	251	
351	39293	1810 Crenshaw St.	353837		I21S	9	1289-1G		54
352	39293	1811 Crenshaw St.	247974		I21S	9	1289-1G		103
353	39315	3405 Grape St.	353229		I21S	3	1289-1F	5	
354	39315	2012 Gregory St.	246826		I21S	3	1289-1F	10	
355	39315	2022 Gregory St.	352989		I21S	3	1289-1F	40	
356	39327	3448 Vienna St.	248018		I21S	3	1289-1F		76
357	39327	3435 Vienna St.	248121		I21S	3	1289-1F		101
358	39327	3424 Vienna St.	248004		I21S	3	1289-1F		140
359	39327	3425 Vienna St.	353958		I21S	3	1289-1F		158
360	39503	4080 Home Ave.	N/A		I21S	9	1289-2G		12

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
361	39503	4070-A Home Ave.	N/A		I21S	9	1289-2G		71
362	39503	4070-B Home Ave.	N/A		I21S	9	1289-2G		130
363	39503	4070-C Home Ave.	N/A		I21S	9	1289-2G		145
364	39503	4070-D Home Ave.	249332		I21S	9	1289-2G		155
365	39511	1820 39th St.	353999		I21S	9	1289-1G	6	
366	39511	1812 39th St.	N/A		I21S	9	1289-1G	56	
367	39511	1815 39th St.	354007		I21S	9	1289-1G	62	
368	39511	1804 39th St.	354095		I21S	9	1289-1G	112	
369	39511	1805 39th St.	354064		I21S	9	1289-1G	121	
370	39511	1782 39th St.	248321		I21S	9	1289-2G	163	
371	39511	1783 39th St.	248303		I21S	9	1289-2G	174	
372	39511	1774 39th St.	248440		I21S	9	1289-2G	222	
373	39795	4040 C St.	252429		I22S	9	1289-3H		122
374	39795	4054 C St.	252432		I22S	9	1289-3H		166
375	39825	3788 Broadway	N/A		I22S	9	1289-3G		8
376	39825	3785 C St.	356999		I22S	9	1289-3G		79
377	39825	3772-A Broadway	N/A		I22S	9	1289-3G		132
378	39825	1050 38th St.	5482764		I22S	9	1289-3G		136
379	39825	3772-B Broadway	357101		I22S	9	1289-3G		137
380	44799	3062 45th St.	240496		J20S	9	1269-7J		94
381	44804	3019 Chamoune Ave.	240780		J20S	9	1269-7J		5
382	44804	3012 Chamoune Ave.	240870		J20S	9	1269-7J		47
383	44804	3015 Chamoune Ave.	349012		J20S	9	1269-7J		113
384	44804	3006 Chamoune Ave.	240992		J20S	9	1269-7J		116
385	44804	2935 Chamoune Ave.	349088		J20S	9	1269-7J		165
386	44804	Vacant Lot Chamoune Ave./Quince St.	N/A		J20S	9	1269-7J		166
387	44806	2915/2917 Chamoune Ave.	241416		J20S	9	1269-7J		10
388	44806	2912/2914 Chamoune Ave.	349329		J20S	9	1269-7J		12
389	44806	2921/2923 Chamoune Ave.	241345		J20S	9	1269-7J		44
390	44806	2918/2920 Chamoune Ave.	349300		J20S	9	1269-7J		46

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
391	44806	2927/2929 Chamoune Ave.	349206		J20S	9	1269-7J		85
392	44806	2930/2932 Chamoune Ave.	N/A		J20S	9	1269-7J		136
393	44824	3129 Highland Ave.	239710		J20S	9	1269-6H	27	
394	44824	3107 Highland Ave.	239891		J20S	9	1269-6H	118	
395	44865	3402 Euclid Ave.	237894		J20S	9	1269-6J		3
396	44865	3409 47th St.	237909		J20S	9	1269-6J		8
397	44865	3347 47th St.	346909		J20S	9	1269-6J		56
398	44865	3339 47th St.	346936		J20S	9	1269-6J		81
399	44865	3331 47th St.	347041		J20S	9	1269-6J		149
400	44865	3325 47th St.	238333		J20S	9	1269-6J		197
401	44947	3246 Altadena St.	347705		J20S	9	1270-6A	8	
402	44947	3234 Altadena St.	239266		J20S	9	1270-6A	48	
403	44947	3233 Altadena St.	239295		J20S	9	1270-6A	53	
404	44947	3222 Altadena St.	347831		J20S	9	1270-6A	105	
405	44947	3221 Altadena St.	239435		J20S	9	1270-6A	124	
406	44947	3212 Altadena St.	347901		J20S	9	1270-6A	162	
407	44947	3211 Altadena St.	347961		J20S	9	1270-6A	187	
408	44947	3202 Altadena St.	239629		J20S	9	1270-6A	238	
409	44947	3201 Altadena St.	239702		J20S	9	1270-6A	247	
410	44947	3187 Altadena St.	348154		J20S	9	1270-6A	294	
411	44947	3178 Altadena St.	239785		J20S	9	1270-6A	328	
412	45222	2306 Modesto St.	245146		J21S	9	1289-1H		103
413	45222	4282 Juniper St.	245145		J21S	9	1289-1H		125
414	45222	4267 Juniper St.	245202		J21S	9	1289-1H		135
415	45222	4276 Juniper St.	245144		J21S	9	1289-1H		208
416	45222	4265 Juniper St.	245201		J21S	9	1289-1H		224
417	45223	4270 Juniper St.	351929		J21S	9	1289-1H		3
418	45223	4262 Juniper St.	245143		J21S	9	1289-1H		84
419	45223	4224 Juniper St.	245142		J21S	9	1289-1H		113
420	45223	4225 Juniper St.	245401		J21S	9	1289-1H		166

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
421	45256	2085 Laurinda Pl.	246451		J21S	9	1289-1J	8	
422	45256	2094 Laurinda Pl.	246452		J21S	9	1289-1J	10	
423	45256	2084 Laurinda Pl.	352811		J21S	9	1289-1J	13	
424	45256	2075 Laurinda Pl.	246491		J21S	9	1289-1J	33	
425	45256	2074 Laurinda Pl.	246564		J21S	9	1289-1J	66	
426	45256	2064 Laurinda Pl.	352946		J21S	9	1289-1J	126	
427	45256	2054 Laurinda Pl.	246802		J21S	9	1289-1J	185	
428	45256	2045 Laurinda Pl.	353043		J21S	9	1289-1J	212	
429	45256	2044 Laurinda Pl.	246907		J21S	9	1289-1J	251	
430	46731	785 18th St.	N/A		J35S	8	1349-2J		49
431	46731	789 18th St.	273893		J35S	8	1349-2J		131
432	46731	791 18th St.	N/A		J35S	8	1349-2J		137
433	46731	1821 Donax Ave.	N/A		J35S	8	1349-2J		138
434	46731	1828 Donax Ave.	371033		J35S	8	1349-2J		198
435	46731	1827 Donax Ave.	371096		J35S	8	1349-2J		217
436	46731	1843 Donax Ave.	N/A		J35S	8	1349-2J		235
437	46731	1834 Donax Ave.	N/A		J35S	8	1349-2J		246
438	46731	1844 Donax Ave.	N/A		J35S	8	1349-2J		306
439	46731	1849 Donax Ave.	371095		J35S	8	1349-2J		325
440	46936	1695 Satellite Bl.	277292		J35S	8	1349-J2	62	
441	46936	1689 Satellite Bl.	373256		J35S	8	1349-J2	120	
442	46936	1681 Satellite Bl.	373255		J35S	8	1349-J3	173	
443	46979	1340 Thermal Ave.	372773		J35S	8	1349-2J		44
444	46979	1343 Thermal Ave.	276559		J35S	8	1349-2J		60
445	46979	1348 Thermal Ave.	276589		J35S	8	1349-2J		100
446	46979	1351 Thermal Ave.	372825		J35S	8	1349-2J		124
447	46979	1356 Thermal Ave.	276656		J35S	8	1349-2J		143
448	46979	1364 Thermal Ave.	276707		J35S	8	1349-2J		246
449	50061	5350 Fontaine St.	318212		K14S	7	1250-5B	44	
450	50065	7317 Princess View Dr.	194681		K14S	7	1250-4A		66

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
451	50074	7450 Princess View Dr.	194127		K14S	7	1250-4B		87
452	50074	7331 Princess View Dr.	317254		K14S	7	1250-4B		260
453	50102	7530 Conestoga Wy.	192711		K14S	7	1250-4B	7	
454	50102	7515 Conestoga Wy.	192902		K14S	7	1250-4B	45	
455	50102	7510 Conestoga Wy.	316016		K14S	7	1250-4B	69	
456	50118	7357 Conestoga Ct.	316960		K14S	7	1250-4B	64	
457	50128	5470 Fontaine St.	318173		K14S	7	1250-5B		54
458	50128	5475 Fontaine St.	318227		K14S	7	1250-5B		128
459	50128	5480 Fontaine St.	318096		K14S	7	1250-5B		172
460	50128	5483 Fontaine St.	318167		K14S	7	1250-5B		194
461	50129	5491 Fontaine St.	318108		K14S	7	1250-5B		46
462	50129	5492 Fontaine St.	195462		K14S	7	1250-5B		55
463	50129	5501 Fontaine St.	318049		K14S	7	1250-5B		124
464	50129	5504 Fontaine St.	195366		K14S	7	1250-5B		142
465	50129	5509 Fontaine St.	195433		K14S	7	1250-5B		180
466	50132	5573 Fontaine St.	317657		K14S	7	1250-4B		42
467	50132	5585 Fontaine St.	194962		K14S	7	1250-4B		120
468	50160	5775 Red River Dr.	315930		K14S	7	1250-4C	16	
469	50160	5767 Red River Dr.	192806		K14S	7	1250-4C	74	
470	50165	5631 Laramie Wy.	192752		K14S	7	1250-B4	25	
471	50165	5632 Laramie Wy.	315841		K14S	7	1250-B4	32	
472	50165	5621 Laramie Wy.	192749		K14S	7	1250-B4	92	
473	50165	5622 Laramie Wy.	192543		K14S	7	1250-B4	100	
474	50165	5611 Laramie Wy.	192748		K14S	7	1250-B4	165	
475	50165	5612 Laramie Wy.	192538		K14S	7	1250-B4	168	
476	50165	5602 Laramie Wy.	192535		K14S	7	1250-B4	233	
477	50165	5601 Laramie Wy.	315960		K14S	7	1250-B4	235	
478	50165	5588 Laramie Wy.	192532		K14S	7	1250-B4	298	
479	50165	5585 Laramie Wy.	315958		K14S	7	1250-B4	311	
480	50166	5642 Laramie Wy.	192552		K14S	7	1250-4B		25

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
481	50166	5641 Laramie Wy.	192757		K14S	7	1250-4B		37
482	50166	5652 Laramie Wy.	315846		K14S	7	1250-4B		90
483	50166	5651 Laramie Wy.	192761		K14S	7	1250-4B		103
484	50166	5662 Laramie Wy.	315847		K14S	7	1250-4B		161
485	50166	5661 Laramie Wy.	192766		K14S	7	1250-4B		169
486	50166	5671 Laramie Wy.	192774		K14S	7	1250-4B		194
487	50166	5672 Laramie Wy.	315848		K14S	7	1250-4B		196
488	50171	5612 Lone Star Dr.	191885		K14S	7	1250-B4	28	
489	50171	5613 Lone Star Dr.	192060		K14S	7	1250-B4	31	
490	50171	5605 Lone Star Dr.	315524		K14S	7	1250-B4	95	
491	50171	5602 Lone Star Dr.	191881		K14S	7	1250-B4	99	
492	50171	5597 Lone Star Dr.	192054		K14S	7	1250-B4	167	
493	50171	5594 Lone Star Dr.	191879		K14S	7	1250-B4	175	
494	50171	5587 Lone Star Dr.	192050		K14S	7	1250-B4	233	
495	50171	5584 Lone Star Dr.	191877		K14S	7	1250-B4	247	
496	50171	5577 Lone Star Dr.	192048		K14S	7	1250-B4	299	
497	50171	5574 Lone Star Dr.	191869		K14S	7	1250-B4	314	
498	50172	7178 Conestoga Wy.	318288		K14S	7	1250-5B		67
499	50172	7155 Conestoga Wy.	318431		K14S	7	1250-5B		135
500	50172	7174 Conestoga Wy.	195961		K14S	7	1250-5B		143
501	50172	7160 Conestoga Wy.	196069		K14S	7	1250-5B		196
502	50172	7146 Conestoga Wy.	196160		K14S	7	1250-5B		204
503	50174	5467 Fontaine Pl.	318285		K14S	7	1250-5B		55
504	50174	7139 Fontaine Pl.	195890		K14S	7	1250-5B		98
505	50174	7136 Fontaine Pl.	196001		K14S	7	1250-5B		151
506	50174	7119 Fontaine Pl.	196142		K14S	7	1250-5B		164
507	50193	5444 Princess View Pl.	197185		K14S	7	1250-5B	29	
508	50193	5441 Princess View Pl.	197338		K14S	7	1250-5B	51	
509	50193	5424 Princess View Pl.	319300		K14S	7	1250-5B	104	
510	50193	5401 Princess View Pl.	197346		K14S	7	1250-5B	181	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
511	50255	5410 Gala Ave.	318228		K14S	7	1250-5B		20
512	50255	5411 Gala Ave.	318321		K14S	7	1250-5B		61
513	50255	5418 Gala Ave.	318315		K14S	7	1250-5B		106
514	50255	5419 Gala Ave.	318406		K14S	7	1250-5B		112
515	50255	5426 Gala Ave.	195865		K14S	7	1250-5B		132
516	50301	7084 Princess View Dr.	196698		K14S	7	1250-5B	9	
517	50301	7111 Princess View Dr.	196605		K14S	7	1250-5B	62	
518	50301	7116 Princess View Dr.	196611		K14S	7	1250-5B	89	
519	50301	7121 Princess View Dr.	318791		K14S	7	1250-5B	137	
520	50301	7126 Princess View Dr.	318802		K14S	7	1250-5B	159	
521	50301	7131 Princess View Dr.	196286		K14S	7	1250-5B	217	
522	50301	7136 Princess View Dr.	318709		K14S	7	1250-5B	240	
523	50456	5861 Lance St.	324700		K15S	7	1250-6C		18
524	50456	5866 Lance St.	204437		K15S	7	1250-6C		20
525	50456	5854 Lance St.	324632		K15S	7	1250-6C		78
526	50456	5853 Lance St.	204556		K15S	7	1250-6C		81
527	50456	5841 Lance St.	204572		K15S	7	1250-6C		152
528	50456	5830 Lance St.	204504		K15S	7	1250-6C		215
529	50456	5829 Lance St.	324775		K15S	7	1250-6C		238
530	50456	5818 Lance St.	204517		K15S	7	1250-6C		281
531	50456	5819 Lance St.	204630		K15S	7	1250-6C		304
532	50463	5924 Wenrich Pl.	203613		K15S	7	1250-6C		160
533	50463	5925 Wenrich Pl.	324057		K15S	7	1250-6C		168
534	50463	5932 Wenrich Pl.	203576		K15S	7	1250-6C		201
535	50468	6277 Lance Pl.	204168		K15S	7	1250-6C	36	
536	50468	6280 Lance Pl.	324471		K15S	7	1250-6C	44	
537	50468	6296 Lance Pl.	204149		K15S	7	1250-6C	96	
538	50468	6295 Lance Pl.	324331		K15S	7	1250-6C	99	
539	50482	5683 Waring Rd.	322041		K15S	7	1250-6C		137
540	50482	5701 Waring Rd.	200940		K15S	7	1250-6C		199

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
541	50482	5711 Waring Rd.	322199		K15S	7	1250-6C		257
542	50484	5732 Waring Rd.	201003		K15S	7	1250-6C		88
543	50484	5742 Waring Rd.	201132		K15S	7	1250-6C		158
544	50484	5752 Waring Rd.	201188		K15S	7	1250-6C		185
545	50552	5712 Lance St.	204781		K15S	7	1250-6B		33
546	50552	5733 Lance St.	204876		K15S	7	1250-6B		162
547	50552	5740 Lance St.	324874		K15S	7	1250-6B		185
548	50552	5741 Lance St.	324949		K15S	7	1250-6B		238
549	50711	5637 Mill Peak Rd.	327842		K16S	7	1250-7C		60
550	50711	5640 Mill Peak Rd.	327807		K16S	7	1250-7C		70
551	50711	5649 Mill Peak Rd.	208589		K16S	7	1250-7C		119
552	50712	5608 Mill Peak Rd.	208846		K16S	7	1250-1C		43
553	50712	5622 Mill Peak Rd.	327963		K16S	7	1250-1C		47
554	50712	5616 Mill Peak Rd.	208787		K16S	7	1250-7C		115
555	50712	5625 Mill Peak Rd.	208735		K16S	7	1250-7C		128
556	50712	5624 Mill Peak Rd.	327906		K16S	7	1250-7C		158
557	50712	5632 Mill Peak Rd.	327864		K16S	7	1250-7C		204
558	50729	6110 Del Cerro Blvd.	207993		K16S	7	1250-7C		131
559	50729	6118 Del Cerro Blvd.	327336		K16S	7	1250-7C		210
560	50729	6126 Del Cerro Blvd.	327380		K16S	7	1250-7C		284
561	50897	5341 Prosperity Ln.	330394		K17S	9	1270-2A	14	
562	50897	5332 Prosperity Ln.	330416		K17S	9	1270-2A	23	
563	50897	5331 Prosperity Ln.	212474		K17S	9	1270-2A	75	
564	50897	5321 Prosperity Ln.	212541		K17S	9	1270-2A	130	
565	51181	4914 54th St.	331003		K17S	9	1270-2B	12	
566	51181	4904 54th St.	N/A		K17S	9	1270-2B	55	
567	51181	4902-A 54th St.	213297		K17S	9	1270-2B	58	
568	51181	4902-B 54th St.	N/A		K17S	9	1270-2B	62	
569	51677	5902-A University Ave.	226861		K19S	9	1270-C5	27	
570	51677	5902-B University Ave.	339732		K19S	9	1270-C5	126	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
571	51677	5890-A University Ave.	339773		K19S	9	1270-C5	167	
572	51677	5890-B University Ave.	339882		K19S	9	1270-C5	264	
573	51816	5535 Michael St.	345665		K19S	4	1270-6B	24	
574	51816	5530 Michael St.	345503		K19S	4	1270-6B	74	
575	51816	5529 Michael St.	345661		K19S	4	1270-6B	78	
576	51816	5524 Michael St.	345501		K19S	4	1270-6B	127	
577	51816	5523 Michael St.	235977		K19S	4	1270-6B	130	
578	51816	5516 Michael St.	345498		K19S	4	1270-6B	179	
579	51816	5517 Michael St.	235973		K19S	4	1270-6B	183	
580	51816	5511 Michael St.	345653		K19S	4	1270-6B	235	
581	51816	5504 Michael St.	345495		K19S	4	1270-6B	284	
582	51816	5505 Michael St.	235962		K19S	4	1270-6B	285	
583	51828	3340 Spa St.	1147533		K19S	4	1270-6B	33	
584	51843	5959 Thorn St.	237438		K19S	4	1270-6C	59	
585	51843	5960 Thorn St.	237188		K19S	4	1270-6C	62	
586	51843	5952 Thorn St.	237182		K19S	4	1270-6C	116	
587	51843	5946 Thorn St.	346375		K19S	4	1270-6C	173	
588	51852	5901 Michael St.	236998		K19S	4	1270-6C	31	
589	51928	5263 Streamview Dr.	345235		K19S	9	1270-6A	13	
590	51928	5256 Streamview Dr.	345205		K19S	9	1270-6A	87	
591	51928	5251 Streamview Dr.	235542		K19S	9	1270-6A	126	
592	51928	5250 Streamview Dr.	345276		K19S	9	1270-6A	136	
593	51928	5243 Streamview Dr.	235655		K19S	9	1270-6A	182	
594	51928	5244 Streamview Dr.	345350		K19S	9	1270-6A	189	
595	51928	5238 Streamview Dr.	345422		K19S	9	1270-6A	235	
596	51928	5235 Streamview Dr.	235788		K19S	9	1270-6A	238	
597	51928	5232 Streamview Dr.	345490		K19S	9	1270-6A	284	
598	52016	5341 Lea St.	343696		K19S	9	1270-5B	84	
599	52016	5355 Streamview Dr.	343738		K19S	9	1270-5B	119	
600	52016	5351 Streamview Dr.	233267		K19S	9	1270-6B	179	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
601	52016	5350 Streamview Dr.	343919		K19S	9	1270-6B	182	
602	52016	5347 Streamview Dr.	344070		K19S	9	1270-6B	224	
603	52073	5252 Krenning St.	349535		K20S	4	1270-7A	33	
604	52073	5253 Krenning St.	241820		K20S	4	1270-7A	35	
605	52073	5246 Krenning St.	241694		K20S	4	1270-7A	92	
606	52073	5247 Krenning St.	349631		K20S	4	1270-7A	95	
607	52073	5240 Krenning St.	241691		K20S	4	1270-7A	156	
608	52073	5241 Krenning St.	349641		K20S	4	1270-7A	168	
609	52073	5234 Krenning St.	349528		K20S	4	1270-7A	213	
610	52073	5235 Krenning St.	241831		K20S	4	1270-7A	217	
611	52073	5229 Krenning St.	241839		K20S	4	1270-7A	280	
612	52073	5228 Krenning St.	241687		K20S	4	1270-7A	282	
613	52327	5950 Federal Blvd.	N/A		K21S	4	1290-1C		135
614	52432	5544 FredoniaSt.	246800		K21S	4	1290-1B		17
615	52433	1707 Weaver St.	249052		K21S	4	1290-1C		5
616	52433	1720-A Weaver St.	N/A		K21S	4	1290-1C		41
617	52433	1720-B Weaver St.	248915		K21S	4	1290-1C		161
618	52460	2004 Sultana St.	247512		K21S	4	1290-1B		38
619	52460	2016-B Tokay St.	N/A		K21S	4	1290-1B		40
620	52460	2016-A Tokay St.	247412		K21S	4	1290-1B		42
621	52461	5516 Carmen St.	353673		K21S	4	1290-1B	10	
622	52461	5520 Carmen St.	247682		K21S	4	1290-1B	54	
623	52461	5524 Carmen St.	247685		K21S	4	1290-1B	104	
624	52461	5523 Carmen St.	247810		K21S	4	1290-1B	132	
625	52461	2004 Tokay St.	353674		K21S	4	1290-1B	152	
626	52519	5425 Faulconer St.	352155		K21S	4	1290-1B		7
627	52519	5405 Faulconer St.	245393		K21S	4	1290-1B		64
628	52526	5425 Pirotte Dr.	246125		K21S	4	1290-1B	71	
629	52595	1740 Weaver St.	354454		K21S	4	1290-1C		9
630	52612	1825 Bayview Hts Dr.	248641		K21S	4	1290-1B		56

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
631	52612	1845 Bayview Hts Dr.	N/A		K21S	4	1290-1B		175
632	52612	6462 Bayview Hts Pl.	N/A		K21S	4	1290-1B		257
633	52658	660 56th St.	255803		K22S	4	1290-3B	4	
634	52658	673 56th St.	358931		K22S	4	1290-3B	50	
635	52658	670 56th St.	255685		K22S	4	1290-3B	52	
636	52658	706 56th St.	358837		K22S	4	1290-3B	104	
637	52658	705 56th St.	358827		K22S	4	1290-3B	114	
638	52658	716 56th St.	255412		K22S	4	1290-3B	158	
639	52658	717 56th St.	358726		K22S	4	1290-3B	174	
640	52658	728 56th St.	255288		K22S	4	1290-3B	212	
641	52658	729 56th St.	358642		K22S	4	1290-3B	244	
642	52658	740 56th St.	255205		K22S	4	1290-3B	265	
643	52658	5611 McHugh St.	255194		K22S	4	1290-3B	287	
644	52687	5766 Market St.	257581		K22S	4	1290-3C	38	
645	52687	5754 Market St.	360175		K22S	4	1290-3C	88	
646	52687	5746 Market St.	360171		K22S	4	1290-3C	142	
647	52687	5736 Market St.	257575		K22S	4	1290-3C	196	
648	52687	5732 Market St.	360168		K22S	4	1290-3C	242	
649	52748	5506 Lenox Dr.	N/A		K22S	4	1290-2B	33	
650	52748	5502 Lenox Dr.	356548		K22S	4	1290-2B	90	
651	52748	5505 Lenox Dr.	252132		K22S	4	1290-2B	101	
652	52748	5490 Lenox Dr.	252087		K22S	4	1290-2B	151	
653	52748	5491 Lenox Dr.	356678		K22S	4	1290-2B	159	
654	52748	5484 Lenox Dr.	252083		K22S	4	1290-2B	220	
655	52748	5481 Lenox Dr.	252269		K22S	4	1290-2B	225	
656	52752	1003 Winston Dr.	253132		K22S	4	1290-3B		1
657	52752	1007 Winston Dr.	253074		K22S	4	1290-3B		49
658	52752	1011 Winston Dr.	357164		K22S	4	1290-3B		118
659	52752	5303 Geneva Ave.	357136		K22S	4	1290-2B		161
660	52759	5353 Lenox Dr.	356651		K22S	4	1290-2B	50	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
661	52759	5370/5372 Lenox Dr.	252037		K22S	4	1290-2B	53	
662	52759	5358 LenoxDr	252032		K22S	4	1290-2B	69	
663	52759	5290 Lenox Dr.	252011		K22S	4	1290-2B	224	
664	52761	5270 Lenox Dr.	252003		K22S	4	1290-2B	15	
665	52761	5305/5307 Lenox Dr.	252208		K22S	4	1290-2B	112	
666	52761	5230 Lenox Dr.	251993		K22S	4	1290-2B	137	
667	52761	5269/5271 Lenox Dr.	356620		K22S	4	1290-2B	175	
668	52761	5210 Lenox Dr.	356486		K22S	4	1290-2B	204	
669	52761	5261 Lenox Dr.	356634		K22S	4	1290-2B	256	
670	52762	5012 Hilltop Dr.	253899		K22S	4	1290-3A		63
671	52762	922 Euclid Ave.	253735		K22S	4	1290-3A		106
672	52762	932 Euclid Ave.	253493		K22S	4	1290-3A		236
673	52762	942 Euclid Ave.	357439		K22S	4	1290-3A		278
674	52797	5214 Geneva Ave.	252678		K22S	4	1290-2B	46	
675	52809	Vacant Lot Euclid Ave.	253198		K22S	4	1290-3A		86
676	52809	Vacant Lot Euclid Ave.	253048		K22S	4	1290-3A		163
677	52809	1036 Euclid Ave.	252884		K22S	4	1290-2A		226
678	52809	1038 Euclid Ave.	252704		K22S	4	1290-2A		293
679	52810	1005 51st St.	357215		K22S	4	1290-3A	14	
680	52810	1015 51st St.	253062		K22S	4	1290-3A	56	
681	52810	1023 51st St.	357120		K22S	4	1290-3A	129	
682	52810	1025 Euclid Ave.	357050		K22S	4	1290-2A	153	
683	52810	1025 51st St.	252832		K22S	4	1290-2A	175	
684	52810	1033 51st St.	252802		K22S	4	1290-2A	196	
685	52811	914 Elwood Ave.	375431		K22S	4	1290-3A		96
686	52811	911 Elwood Ave.	253738		K22S	4	1290-3A		121
687	52811	919-B Elwood Ave.	253683		K22S	4	1290-3A		131
688	52811	922 Elwood Ave.	280499		K22S	4	1290-3A		147
689	52811	919-A Elwood Ave.	253639		K22S	4	1290-3A		169
690	52811	929/931 Elwood Ave.	253529		K22S	4	1290-3A		173

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
691	52811	930 Elwood Ave.	280494		K22S	4	1290-3A		194
692	52811	938 Elwood Ave.	375424		K22S	4	1290-3A		245
693	52811	935/937 Elwood Ave.	253406		K22S	4	1290-3A		248
694	52811	946 Elwood Ave.	375416		K22S	4	1290-3A		296
695	52811	943/945 Elwood Ave.	253311		K22S	4	1290-3A		323
696	52811	951/953 Elwood Ave.	253245		K22S	4	1290-3A		333
697	52812	953 51st St.	357276		K22S	4	1290-3A	18	
698	52812	947 Euclid Ave.	253243		K22S	4	1290-3A	53	
699	52812	945 51st St.	253318		K22S	4	1290-3A	92	
700	52812	937 Euclid Ave.	N/A		K22S	4	1290-3A	103	
701	52812	927 Euclid Ave.	253491		K22S	4	1290-3A	186	
702	52812	923 51st St.	357569		K22S	4	1290-3A	220	
703	52812	911 51st St.	357624		K22S	4	1290-3A	256	
704	52812	921 Euclid Ave.	253644		K22S	4	1290-3A	257	
705	52813	5129 Hilltop Dr.	254068		K22S	4	1290-3A		56
706	52813	5135 Hilltop Dr.	254102		K22S	4	1290-3A		73
707	52815	911 Euclid Ave.	253763		K22S	4	1290-3A	14	
708	52815	901 Euclid Ave.	253826		K22S	4	1290-3A	50	
709	52824	5373/5375 Lenox Dr.	252240		K22S	4	1290-2B		10
710	52824	5382 Lenox Dr.	252052		K22S	4	1290-2B		11
711	52824	5395 Lenox Dr.	356656		K22S	4	1290-2B		65
712	52824	5396 Lenox Dr.	252057		K22S	4	1290-2B		70
713	52824	5409/5411 Lenox Dr.	252248		K22S	4	1290-2B		126
714	52824	5412 Lenox Dr.	356528		K22S	4	1290-2B		129
715	52824	5415 Lenox Dr.	252254		K22S	4	1290-2B		187
716	52824	5416-A, B Lenox Dr.	356530		K22S	4	1290-2B		189
717	52824	5423 Lenox Dr.	252258		K22S	4	1290-2B		247
718	52824	5424 Lenox Dr.	252064		K22S	4	1290-2B		249
719	52836	774 Winston Dr.	255037		K22S	4	1290-3A	9	
720	52836	815 Winston Dr.	358421		K22S	4	1290-3A	103	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
721	52836	823/829 Winston Dr.	358382		K22S	4	1290-3A	127	
722	52836	830 Winston Dr.	254812		K22S	4	1290-3A	140	
723	52836	833 Winston Dr.	358308		K22S	4	1290-3A	206	
724	52836	846 Winston Dr.	358233		K22S	4	1290-3A	239	
725	52836	841 Winston Dr.	254670		K22S	4	1290-3A	281	
726	52836	854 Winston Dr.	254545		K22S	4	1290-3A	300	
727	52836	855 Winston Dr.	N/A		K22S	4	1290-3A	316	
728	52893	754 Euclid Ave.	255174		K22S	4	1290-3A		70
729	52893	804 Euclid Ave.	255057		K22S	4	1290-3A		151
730	52893	830 Euclid Ave.	N/A		K22S	4	1290-3A		162
731	52912	1203 Weaver St.	356793		K22S	4	1290-2C	88	
732	52916	888 Winston Dr.	357848		K22S	4	1290-3B	88	
733	52916	879/881 Winston Dr.	254239		K22S	4	1290-3B	95	
734	52916	863 Winston Dr.	254318		K22S	4	1290-3B	148	
735	52919	Vacant Lot (864 Euclid Ave.)	357854		K22S	4	1290-3A	60	
736	53319	5604 Dream St.	260395		K23S	4	1290-4B		17
737	53319	5605 Dream St.	260518		K23S	4	1290-4B		68
738	53457	5126 Palin St.	366050		K24S	4	1290-5A	10	
739	53457	5133 Palin St.	366108		K24S	4	1290-5A	45	
740	53457	5138 Palin St.	266694		K24S	4	1290-5A	108	
741	53457	5139 Palin St.	266754		K24S	4	1290-5A	111	
742	53461	5231 Coban St.	365968		K24S	4	1290-5B		29
743	53461	5240 Coban St.	266427		K24S	4	1290-5B		82
744	53461	5241 Coban St.	266571		K24S	4	1290-5B		105
745	53461	5251 Coban St.	365975		K24S	4	1290-5B		131
746	53461	5250 Coban St.	365888		K24S	4	1290-5B		144
747	53461	5270 Coban St.	266450		K24S	4	1290-5B		183
748	53530	5330 Coban St.	266521		K24S	4	1290-5B	110	
749	53530	5326 Logan Ave.	N/A		K24S	4	1290-5B	142	
750	53530	5310 Coban St.	365922		K24S	4	1290-5B	295	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
751	53794	2335 Morningside St.	369430		L25S	4	1310-1D		1
752	53794	2327 Morningside St.	271737		L25S	4	1310-1D		92
753	53794	2319 Morningside St.	369385		L25S	4	1310-1D		163
754	53794	2314 Morningside St.	5456886		L25S	4	1310-1D		183
755	53794	2311 Morningside St.	271711		L25S	4	1310-1D		185
756	53794	2308 Morningside St.	369382		L25S	4	1310-1D		257
757	53812	5611 Shaw St.	272236		K26S	4	1310-2C	5	
758	53812	5605 Shaw St.	272238		K26S	4	1310-2C	30	
759	53812	5604 Shaw St.	369748		K26S	4	1310-2C	73	
760	53812	5533 Shaw St.	272242		K26S	4	1310-2C	100	
761	53812	5534 Shaw St.	369749		K26S	4	1310-2C	131	
762	53812	5527 Shaw St.	272240		K26S	4	1310-2C	137	
763	53825	5603 Winchester St.	378802		K26S	4	1310-2C	5	
764	53825	5541 Winchester St.	369866		K26S	4	1310-2C	50	
765	53825	5535 Winchester St.	272360		K26S	4	1310-2C	115	
766	53825	5528 Winchester St.	378195		K26S	4	1310-2C	133	
767	53827	5737 Midwick St.	271909		K26S	4	1310-1C	9	
768	53827	5736 Midwick St.	271884		K26S	4	1310-1C	32	
769	53827	5728 Midwick St.	271895		K26S	4	1310-1C	64	
770	53827	5729 Midwick St.	271923		K26S	4	1310-1C	72	
771	53827	5721 Midwick St.	369537		K26S	4	1310-1C	147	
772	53827	5711 Midwick St.	N/A		K26S	4	1310-1C	183	
773	54169	Vacant Lot (2222 Coronado Ave.)	275397		K34S	8	1350-1B		191
774	54169	2290 Coronado Ave.	372010		K34S	8	1350-1B		236
775	54169	1102 Hollister Ave.	275480		K34S	8	1350-1B		266
776	54332	2281 Flower St.	275565		K35S	8	1350-1B	6	
777	54332	1101 Hollister St.	275536	X	K35S	8	1350-1B	184	
778	54366	1135 Elrose Ct.	372186		K35S	8	1350-1B	18	
779	54366	1138 Elrose Ct.	275663		K35S	8	1350-1B	30	
780	54366	1145 Elrose Ct.	372221		K35S	8	1350-1B	73	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
781	54366	1148 Elrose Ct.	372230		K35S	8	1350-1B	85	
782	54366	1155 Elrose Ct.	275744		K35S	8	1350-1B	133	
783	54366	1158 Elrose Ct.	275757		K35S	8	1350-1B	156	
784	54366	2714 Elrose Ct.	N/A		K35S	8	1350-1B	193	
785	54366	1168 Elrose Ct.	372275		K35S	8	1350-1B	221	
786	56677	7990 Forrestal Rd.	190408		L13S	7	1250-4D		20
787	56677	7995 Forrestal Rd.	314244		L13S	7	1250-4D		38
788	56677	8009 Forrestal Rd.	314211		L13S	7	1250-4D		86
789	56677	6909 Ofria Rd.	N/A		L13S	7	1250-4D		91
790	56677	8008 Forrestal Rd.	190349		L13S	7	1250-4D		98
791	56677	8020 Forrestal Rd.	314238		L13S	7	1250-4D		166
792	56699	6778 Cibola Rd.	190399		L13S	7	1250-4D		57
793	56699	6784 Cibola Rd.	190286		L13S	7	1250-4D		134
794	56699	6796 Cibola Rd.	314048		L13S	7	1250-4D		262
795	56708	7955 Forrestal Rd.	314495		L13S	7	1250-4D	25	
796	56708	7950 Forrestal Rd.	314606		L13S	7	1250-4D	59	
797	56708	7960 Forrestal Rd.	314529		L13S	7	1250-4D	102	
798	56708	7965 Forrestal Rd.	314411		L13S	7	1250-4D	120	
799	56708	7970 Forrestal Rd.	190574		L13S	7	1250-4D	167	
800	56708	7975 Forrestal Rd.	190433		L13S	7	1250-4D	190	
801	56708	7980 Forrestal Rd.	190466		L13S	7	1250-4D	237	
802	56708	7985 Forrestal Rd.	190366		L13S	7	1250-4D	250	
803	56770	8350 Laurelridge Rd.	314665		L13S	7	1250-4D		38
804	56770	8349 Laurelridge Rd.	190651		L13S	7	1250-4D		50
805	56804	5951 Highplace Dr.	316809		L14S	7	1350-4C	30	
806	56804	5952 Highplace Dr.	316695		L14S	7	1350-4C	48	
807	56804	5946 Highplace Dr.	193703		L14S	7	1350-4C	85	
808	56804	5940 Highplace Dr.	193684		L14S	7	1350-4C	128	
809	56804	5936 Highplace Dr.	316634		L14S	7	1350-4C	175	
810	56804	5945 Highplace Dr.	193852		L14S	7	1350-4C	208	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
811	56804	5930 Highplace Dr.	193666		L14S	7	1350-4C	230	
812	56804	5924 Highplace Dr.	193652		L14S	7	1350-4C	296	
813	56804	5929 Highplace Dr.	193837		L14S	7	1350-4C	328	
814	56829	7557 Clear Sky Rd.	194329		L14S	7	1250-4C		54
815	56889	6550 Amberly St.	195798		L14S	7	1250-5D		1
816	56889	6553 Amberly St.	318393		L14S	7	1250-5D		2
817	56889	6565 Amberly St.	318364		L14S	7	1250-5D		42
818	56889	6570 Amberly St.	195771		L14S	7	1250-5D		64
819	56889	6579 Amberly St.	195872		L14S	7	1250-5E		102
820	56889	6590 Amberly St.	195746		L14S	7	1250-5E		125
821	56889	6593 Amberly St.	318331		L14S	7	1250-5E		163
822	56889	6610 Amberly St.	318210		L14S	7	1250-5E		191
823	56889	6605 Amberly St.	195823		L14S	7	1250-5E		214
824	56889	6625 Amberly St.	318259		L14S	7	1250-5E		257
825	56889	6645 Amberly St.	195704		L14S	7	1250-5E		300
826	56889	6630 Amberly St.	318147		L14S	7	1250-5E		302
827	56894	6692 Cabaret St.	317008		L14S	7	1250-4E		1
828	56894	6686 Cabaret St.	317009		L14S	7	1250-4E		24
829	56894	6680 Cabaret St.	194133		L14S	7	1250-4E		57
830	56896	6690 Amberly St.	317922		L14S	7	1250-5E		5
831	56896	6710 Amberly St.	195234		L14S	7	1250-4E		68
832	56896	6720 Amberly St.	317804		L14S	7	1250-4E		131
833	56896	6713 Amberly St.	317849		L14S	7	1250-4E		149
834	56896	6719 Amberly St.	195159		L14S	7	1250-4E		187
835	56896	6725 Amberly St.	195057		L14S	7	1250-4E		220
836	56896	6730 Amberly St.	317691		L14S	7	1250-4E		232
837	56896	6731 Amberly St.	194923		L14S	7	1250-4E		275
838	56896	6740 Amberly St.	194877		L14S	7	1250-4E		298
839	56896	6737 Amberly St.	317530		L14S	7	1250-4E		321
840	56987	6433 Del Paso Ave.	320944		L14S	7	1250-5D		63

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
841	56987	6436 Del Paso Ave.	199295		L14S	7	1250-5D		86
842	56987	6444 Del Paso Ave.	199227		L14S	7	1250-5D		157
843	57014	6816, 12, 24, 32, 36 Hyde Park Dr.	196462		L14S	7	1250-5E	184	
844	57023	7424 Margerum Ave.	318477		L14S	7	1250-5C	22	
845	57023	7427 Margerum Ave.	195880		L14S	7	1250-5C	60	
846	57026	7316 Hamlet Ave.	197438		L14S	7	1250-5C		38
847	57026	7317 Hamlet Ave.	319415		L14S	7	1250-5C		45
848	57026	7310 Hamlet Ave.	197563		L14S	7	1250-5C		95
849	57063	6893 Ridge Manor Ave.	321209		L14S	7	1250-5D		51
850	57070	6132 Caminito Largo	320703		L14S	7	1250-5C	26	
851	57070	6124 Caminito Largo	320783		L14S	7	1250-5C	81	
852	57070	6116 Caminito Largo	199347		L14S	7	1250-5C	133	
853	57070	6108 Caminito Largo	199451		L14S	7	1250-5C	188	
854	57184	6475 Brynwood Wy.	202864		L15S	7	1250-6D		59
855	57184	6455 Brynwood Wy.	323567		L15S	7	1250-6D		138
856	57184	6450 Brynwood Wy.	203147		L15S	7	1250-6D		157
857	57198	6821 Ridge Manor Ave.	321656		L15S	7	1250-5D	44	
858	57198	6820 Ridge Manor Ave.	321705		L15S	7	1250-5D	59	
859	57198	6839 Ridge Manor Ave.	200274		L14S	7	1250-5D	121	
860	57198	6840 Ridge Manor Ave.	376534		L15S	7	1250-5D	136	
861	57198	6860 Ridge Manor Ave.	200207		L14S	7	1250-5D	196	
862	57198	6857 Ridge Manor Ave.	200109		L14S	7	1250-5D	202	
863	57198	6875 Ridge Manor Ave.	199987		L14S	7	1250-5D	268	
864	57198	6284 Caminito Rico	321339		L14S	7	1250-5D	307	
865	57201	6279 Del Paso Ave.	201017		L15S	7	1250-6D		75
866	57207	6593 Brynwood Wy.	202068		L15S	7	1250-6D		7
867	57207	6564 Brynwood Wy.	323025		L15S	7	1250-6D		74
868	57207	6534 Brynwood Wy.	323127		L15S	7	1250-6D		143
869	57207	6533 Brynwood Wy.	323119		L15S	7	1250-6D		159
870	57251	6526 Bluefield Pl.	322069		L14S	7	1250-5D		52

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
871	57251	6540 Bluefield Pl.	321945		L14S	7	1250-5D		145
872	57252	6552 Bluefield Pl.	321848		L14S	7	1250-5D		59
873	57252	6564 Bluefield Pl.	200515		L14S	7	1250-5D		163
874	57259	6626 Danville Ave.	202162		L15S	7	1250-6D		26
875	57259	6576 Danville Ct.	N/A		L15S	7	1250-6D		98
876	57259	6618 Danville Ave.	201938		L15S	7	1250-6D		150
877	57259	6615 Danville Ave.	201921		L15S	7	1250-6D		207
878	57259	6610 Danville Ave.	322677		L15S	7	1250-6D		244
879	57260	6644 Danville Ave.	202480		L15S	7	1250-6E		50
880	57260	6641 Danville Ave.	323256		L15S	7	1250-6E		62
881	57260	6634 Danville Ave.	202276		L15S	7	1250-6E		172
882	57282	6318-A Ridgemanor Ave.	N/A		L15S	7	1250-6D	63	
883	57282	6318-B Ridgemanor Ave.	N/A		L15S	7	1250-6D	117	
884	57283	6335 Cypress Point Rd.	203946		L15S	7	1250-6D	36	
885	57283	6346 Ridge Manor Ave.	N/A		L15S	7	1250-6D	155	
886	57285	6531 Hopedale Ct.	N/A		L15S	7	1250-6D		1
887	57293	6315 Ridge Manor Ave.	N/A		L15S	7	1250-6D	121	
888	57318	6664 Danville Ave.	202720		L15S	7	1250-6E		1
889	57318	6665 Danville Ave.	323458		L15S	7	1250-6E		4
890	57318	6657 Danville Ave.	323416		L15S	7	1250-6E		116
891	57318	6654 Danville Ave.	202622		L15S	7	1250-6E		144
892	57318	6649 Danville Ave.	323358		L15S	7	1250-6E		196
893	57319	6693 Danville Ave.	323540		L15S	7	1250-6E		81
894	57319	6684 Danville Ave.	202789		L15S	7	1250-6E		161
895	57319	6683 Danville Ave.	202967		L15S	7	1250-6E		176
896	57319	6674 Danville Ave.	323354		L15S	7	1250-6E		251
897	57319	6673 Danville Ave.	323479		L15S	7	1250-6E		261
898	57365	6141 Cypress Point Rd.	205132		L15S	7	1250-6D		43
899	57374	6068 Ridgemor Dr.	205537		L15S	7	1250-6D		69
900	57374	6575-A Crystalaire Dr.	325492		L15S	7	1250-6D		143

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
901	57374	6575-B Crystalaire Dr.	N/A		L15S	7	1250-6D		143
902	57374	6575-C Crystalaire Dr.	N/A		L15S	7	1250-6D		144
903	57419	6468 Dwane Ave.	N/A		L15S	7	1250-7D		47
904	57419	6474 Dwane Ave.	206579		L15S	7	1250-7D		105
905	57420	6464 Dwane Ave.	5619881		L15S	7	1250-7D	45	
906	57420	6460 Dwane Ave.	206277		L15S	7	1250-7D	144	
907	57420	6456 Dwane Ave.	206209		L15S	7	1250-7D	234	
908	57438	6534 Dwane Ave.	206926		L15S	7	1250-7E		87
909	57451	5881 Ridgemoor Dr.	326287		L15S	7	1250-7E		40
910	57451	5871 Ridgemoor Dr.	326348		L15S	7	1250-7E		121
911	57451	5861 Ridgemoor Dr.	326405		L15S	7	1250-7E		202
912	57474	6247 Chrismark Ave.	204808		L15S	7	1250-6C		6
913	57474	6248 Chrismark Ave.	204869		L15S	7	1250-6C		24
914	57474	6233 Chrismark Ave.	204917		L15S	7	1250-6C		77
915	57474	6234 Chrismark Ave.	325088		L15S	7	1250-6C		94
916	57474	6219 Chrismark Ave.	205061		L15S	7	1250-6C		142
917	57474	6220 Chrismark Ave.	205129		L15S	7	1250-6C		170
918	57474	6205 Chrismark Ave.	205167		L15S	7	1250-6C		213
919	57474	6206 Chrismark Ave.	205228		L15S	7	1250-6C		236
920	57474	6198 Chrismark Ave.	205369		L15S	7	1250-6C		316
921	57475	6177 Chrismark Ave.	205394		L15S	7	1250-6C		6
922	57475	6180 Chrismark Ave.	325431		L15S	7	1250-6C		34
923	57475	6163 Chrismark Ave.	325455		L15S	7	1250-6C		71
924	57475	6149 Chrismark Ave.	205632		L15S	7	1250-6C		152
925	57475	6144 Chrismark Ave.	325579		L15S	7	1250-6C		175
926	57475	6135 Chrismark Ave.	325603		L15S	7	1250-6C		213
927	57475	6126 Chrismark Ave.	205777		L15S	7	1250-7C		246
928	57476	6121 Chrismark Ave.	325665		L15S	7	1250-7C		14
929	57476	6108 Chrismark Ave.	205882		L15S	7	1250-7C		52
930	57476	6107 Chrismark Ave.	205907		L15S	7	1250-7C		74

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
931	57543	6007 Sierra View Wy.	206104		L15S	7	1250-7D		16
932	57543	6379 Dwane Ave.	325985		L15S	7	1250-7D		82
933	57573	6114 Pasatiempe Ave.	205197		L15S	7	1250-6D		51
934	57573	6321 Rancho Park Dr.	205065		L15S	7	1250-6D		114
935	57576	6448 Crystalaire Dr.	205401		L15S	7	1250-6D		79
936	57576	6458 Crystalaire Dr.	205391		L15S	7	1250-6D		168
937	57607	6244 Lambda Dr.	326937		L16S	7	1250-7C		33
938	57607	6250 Lambda Dr.	326938		L16S	7	1250-7C		104
939	57607	6258 Lambda Dr.	326941		L16S	7	1250-7C		174
940	57607	6266 Lambda Dr.	326942		L16S	7	1250-7C		194
941	57608	6238 Lambda Dr.	326936		L16S	7	1250-7C	29	
942	57608	6232 Lambda Dr.	326932		L16S	7	1250-7C	99	
943	57608	6218 Lambda Dr.	326927		L16S	7	1250-7C	243	
944	57656	5624 Del Cerro Ave.	328252		L16S	7	1270-1D	40	
945	57656	5620 Del Cerro Ave.	209249		L16S	7	1270-1D	103	
946	57684	6321-A Del Cerro Blvd.	N/A		L16S	7	1250-7D		55
947	57684	6321-B Del Cerro Blvd.	208191		L16S	7	1250-7D		72
948	57684	6349 Del Cerro Blvd.	208232		L16S	7	1250-7D		201
949	57689	6297 Del Cerro Blvd.	327450		L16S	7	1250-7D	154	
950	57691	5755 Vinely Pl.	207874		L16S	7	1250-7D	9	
951	57691	5750 Vinley Pl.	327223		L16S	7	1250-7C	39	
952	57691	5739 Vinley Pl.	327247		L16S	7	1250-7D	83	
953	57691	5738 Vinley Pl.	327283		L16S	7	1250-7D	108	
954	57691	6292 Del Cerro Blvd.	208038		L16S	7	1250-7D	171	
955	57691	5725 Vinley Pl.	208027		L16S	7	1250-7D	177	
956	57708	6618 Linda Ln.	327179		L16S	7	1250-7E	57	
957	57764	6602 Del Cerro Blvd.	328066		L16S	7	1250-7D		75
958	57764	6610 Del Cerro Blvd.	328077		L16S	7	1250-7D		138
959	57764	6618 Del Cerro Blvd.	328083		L16S	7	1270-7D		175
960	57765	6565 Hillgrove Dr.	208812		L16S	7	1250-D7	86	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
961	57765	6601 Hillgrove Dr.	327976		L16S	7	1250-D7	89	
962	57876	6574 Airoso Ave.	328535		L16S	7	1270-1D		15
963	57876	6566 Airoso Ave.	209620		L16S	7	1270-1D		82
964	57876	6568 Airoso Ave.	209610		L16S	7	1270-1D		146
965	57876	6550 Airoso Ave.	209593		L16S	7	1270-1D		181
966	57880	6584 Airoso Ave.	328547		L16S	7	1270-1D	45	
967	57880	6594 Airoso Ave.	328559		L16S	7	1270-1D	95	
968	57881	6610 Airoso Ave.	209691		L16S	7	1270-1D	19	
969	57881	6602 Airoso Ave.	328580		L16S	7	1270-1D	68	
970	57883	6658 Airoso Ave.	209779		L16S	7	1270-1D		38
971	57883	6666 Airoso Ave.	1150141		L16S	7	1270-1D		98
972	57883	6674 Airoso Ave.	209787		L16S	7	1270-1D		134
973	58021	6518 Airoso Ave.	209525		L16S	7	1270-1D		13
974	58021	6526 Airoso Ave.	209543		L16S	7	1270-1D		87
975	58021	6534 Airoso Ave.	328490		L16S	7	1270-1D		158
976	58027	6367 Del Cerro Ct.	209353		L16S	7	1270-1D	75	
977	58027	6368 Del Cerro Ct.	N/A		L16S	7	1270-1D	84	
978	58027	6378 Del Cerro Ct.	209326		L16S	7	1270-1D	143	
979	58027	6377 Del Cerro Ct.	328367		L16S	7	1270-1D	163	
980	58142	5060 Leo St.	330316		L17S	9	1270-2D		24
981	58142	5070 Leo St.	212094		L17S	9	1270-2D		82
982	58142	5075 Leo St.	330194		L17S	9	1270-2D		122
983	58142	5080-A Leo St.	211975		L17S	9	1270-2D		132
984	58142	5080-B Leo St.	N/A		L17S	9	1270-2D		138
985	58148	5051 Alumni Pl.	212273		L17S	9	1270-2D	19	
986	58148	5062 Alumni Pl.	330294		L17S	9	1270-2D	26	
987	58196	6784-K El Cajon Blvd.	212713		L17S	9	1270-2E		46
988	58196	4950-A 68th St.	212712		L17S	9	1270-2E		63
989	58196	4950-B 68th St.	212714		L17S	9	1270-2E		103
990	58196	6784-I,H El Cajon Blvd.	212715		L17S	9	1270-2E		109

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
991	58196	6771/6773 Mohawk St.	330563		L17S	9	1270-2E		141
992	58196	6769/6767 Mohawk St.	330565		L17S	9	1270-2E		208
993	58196	6763/6761 Mohawk St.	212626		L17S	9	1270-2E		265
994	58196	6755/6757 Mohawk St.	330568		L17S	9	1270-2E		290
995	58196	4950-C 68th St.	212716		L17S	9	1270-2E		299
996	58196	6766 El Cajon Blvd.	330629		L17S	9	1270-2E		329
997	58196	6743 Mohawk St.	330570		L17S	9	1270-2E		359
998	58197	4966 68th St.	212521		L17S	9	1270-2E	51	
999	58197	4975 68th St.	212498		L17S	9	1270-2E	98	
1000	58197	6803 Mohawk St.	330482		L17S	9	1270-2E	105	
1001	58198	6746/6748 Mohawk St.	212370		L17S	9	1270-2E	47	
1002	58198	6756 Mohawk St.	N/A		L17S	9	1270-2E	64	
1003	58198	6760-6762 Mohawk St.	330427		L17S	9	1270-2E	126	
1004	58198	6769 Mohawk St.	212460		L17S	9	1270-2E	179	
1005	58198	6768-6770 Mohawk St.	212369		L17S	9	1270-2E	198	
1006	58198	6766-6778 Mohawk St.	330423		L17S	9	1270-2E	231	
1007	58198	6786-6788 Mohawk St.	212368		L17S	9	1270-2E	303	
1008	58198	6781-6783 Mohawk St.	330481		L17S	9	1270-2E	308	
1009	58227	4967 68th St.	330559		L17S	9	1270-2E		76
1010	58227	4957 68th St.	212634		L17S	9	1270-2E		81
1011	58227	6820 El Cajon Blvd.	212709		L17S	9	1270-2E		122
1012	58227	6821 Mohawk St.	330557		L17S	9	1270-2E		141
1013	58227	6823 Mohawk St.	330558		L17S	9	1270-2E		144
1014	58227	6820 El Cajon Blvd.	212720		L17S	9	1270-2E		177
1015	58227	6822/24 El Cajon Blvd.	212699		L17S	9	1270-2E		212
1016	58227	6840 El Cajon Blvd.	212703		L17S	9	1270-2E		243
1017	58227	6831 Mohawk St.	212615		L17S	9	1270-2E		258
1018	58227	6841/43 Mohawk St.	330556		L17S	9	1270-2E		300
1019	58244	5237 Mandalay Pl.	211027		L17S	9	1270-2E		16
1020	58244	5249 Mandalay Pl.	211002		L17S	9	1270-2E		30

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1021	58333	6895 Amherst St.	213518		L17S	9	1270-2E	10	
1022	58333	6899-6897 Amherst St.	331164		L17S	9	1270-2E	11	
1023	58333	6887-6889 Amherst St.	213519		L17S	9	1270-2E	51	
1024	58333	6890 Amherst St.	213437		L17S	9	1270-2E	52	
1025	58333	6880-6882 Amherst St.	331158		L17S	9	1270-2E	97	
1026	58333	6883 Amherst St.	331145		L17S	9	1270-2E	101	
1027	58333	6880 Amherst St.	331092		L17S	9	1270-2E	128	
1028	58333	6877 Amherst St.	213526		L17S	9	1270-2E	160	
1029	58333	6874-6876 Amherst St.	213440		L17S	9	1270-2E	165	
1030	58333	6866-6868 Amherst St.	213441		L17S	9	1270-2E	192	
1031	58333	6863 Amherst St.	213523		L17S	9	1270-2E	214	
1032	58333	6849 Amherst St.	213539		L17S	9	1270-2E	293	
1033	59006	4014 Vivian St.	339796		L19S	4	1270-5D		172
1034	59006	4017 Vivian St.	226954		L19S	4	1270-5D		213
1035	59006	4026 Vivian St.	226920		L19S	4	1270-5D		235
1036	59196	6170 Thorn St.	346363		L19S	4	1270-6D	79	
1037	59196	6169 Thorn St.	346521		L19S	4	1270-6D	91	
1038	59196	6164 Thorn St.	237148		L19S	4	1270-6D	127	
1039	59196	6163 Thorn St.	237425		L19S	4	1270-6D	136	
1040	59306	6639 Charlene Ave.	351791		L20S	4	1270-7E	52	
1041	59306	6638 Charlene Ave.	244843		L20S	4	1270-7E	87	
1042	59306	6627 Charlene Ave.	245049		L20S	4	1270-7E	209	
1043	59306	6621 Charlene Ave.	351894		L21S	4	1290-1E	245	
1044	59306	6626 Charlene Ave.	351853		L20S	4	1270-7E	248	
1045	59306	6620 Charlene Ave.	351883		L21S	4	1290-1D	301	
1046	59306	6614 Charlene Ave.	245113		L21S	4	1290-1D	339	
1047	59342	6444 Springfield St.	354674		L21S	4	1290-1D		27
1048	59342	6450 Springfield St.	354641		L21S	4	1290-1D		60
1049	59353	6539 Radio Dr.	249325		L21S	4	1290-2D	6	
1050	59353	6524 Radio Dr.	249279		L21S	4	1290-2D	61	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1051	59353	6518 Radio Dr.	354841		L21S	4	1290-2D	165	
1052	59365	1404 Gibson St.	N/A		L21S	4	1290-2E		106
1053	59365	1420 Hilger St.	356087		L21S	4	1290-2E		114
1054	59365	1415 Hilger St.	251045		L21S	4	1290-2E		176
1055	59365	1429 Hilger St.	251018		L21S	4	1290-2E		206
1056	59370	1754/1756 Winnett St.	354391		L21S	4	1290-1D		199
1057	59370	1757 Winnett St.	248679		L21S	4	1290-1D		201
1058	59370	1804 Winnett St.	248658		L21S	4	1290-1D		228
1059	59370	1805 Winnett St.	354282		L21S	4	1290-1D		262
1060	59370	1816 Winnett St.	248524		L21S	4	1290-1D		328
1061	59381	6571 Mulberry St.	247026		L21S	4	1290-1E		66
1062	59381	6577 Mulberry St.	247004		L21S	4	1290-1E		92
1063	59382	1910 Paradise St.	248287		L21S	4	1290-1D		1
1064	59382	1913 Paradise St.	248078		L21S	4	1290-1D		125
1065	59382	1920 Paradise St.	353982		L21S	4	1290-1D		164
1066	59382	1930 Paradise St.	353944		L21S	4	1290-1D		201
1067	59383	6527 Mulberry St.	N/A		L21S	4	1290-1D		11
1068	59383	6521 Mulberry St.	247506		L21S	4	1290-1D		42
1069	59383	6520 Mulberry St.	353462		L21S	4	1290-1D		67
1070	59383	6513 Mulberry St.	247521		L21S	4	1290-1D		77
1071	59392	6721 Springfield St.	353163		L21S	4	1290-1E		75
1072	59392	6720 Springfield St.	246871		L21S	4	1290-1E		90
1073	59392	6729 Springfield St.	353108		L21S	4	1290-1E		154
1074	59392	6726 Springfield St.	246736		L21S	4	1290-1E		191
1075	59392	6730 Springfield St.	N/A		L21S	4	1290-1E		193
1076	59392	6733 Springfield St.	246873		L21S	4	1290-1E		194
1077	59393	6665 Springfield St.	353484		L21S	4	1290-1E		3
1078	59393	6666 Springfield St.	247297		L21S	4	1290-1E		16
1079	59393	6675 Springfield St.	N/A		L21S	4	1290-1E		101
1080	59393	6674 Springfield St.	353291		L21S	4	1290-1E		126

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1081	59393	6682 Springfield St.	247091		L21S	4	1290-1E		139
1082	59393	6681 Springfield St.	247273		L21S	4	1290-1E		144
1083	59393	6688 Springfield St.	247043		L21S	4	1290-1E		201
1084	59393	6687 Springfield St.	353305		L21S	4	1290-1E		240
1085	59393	6692 Springfield St.	N/A		L21S	4	1290-1E		242
1086	59393	6691 Springfield St.	N/A		L21S	4	1290-1E		247
1087	59393	6703 Springfield St.	353250		L21S	4	1290-1E		295
1088	59393	6716 Springfield St.	246965		L21S	4	1290-1E		340
1089	59393	6711 Springfield St.	N/A		L21S	4	1290-1E		341
1090	59400	2024 Pierino Dr.	247266		L21S	4	1290-1E	24	
1091	59400	2025 Pierino Dr.	353316		L21S	4	1290-1E	34	
1092	59400	2015 Pierino Dr.	353358		L21S	4	1290-1E	73	
1093	59400	2014 Pierino Dr.	247343		L21S	4	1290-1E	91	
1094	59400	2004 Pierino Dr.	247470		L21S	4	1290-1E	92	
1095	59400	1964 Klauber Ave.	353434		L21S	4	1290-1E	125	
1096	59401	2035 Pierino Dr.	247131		L21S	4	1290-1E		16
1097	59401	2034 Pierino Dr.	247191		L21S	4	1290-1E		23
1098	59401	2045 Pierino Dr.	353237		L21S	4	1290-1E		61
1099	59401	2044 Pierino Dr.	247150		L21S	4	1290-1E		75
1100	59401	2055 Pierino Dr.	353193		L21S	4	1290-1E		105
1101	59401	2064 Pierino Dr.	247022		L21S	4	1290-1E		106
1102	59401	2065 Pierino Dr.	247021		L21S	4	1290-1E		107
1103	59402	6590 Springfield St.	353836		L21S	4	1290-1E		12
1104	59402	6574 Springfield St.	248044		L21S	4	1290-1E		128
1105	59402	6560 Springfield St.	248089		L21S	4	1290-1D		168
1106	59402	6569 Springfield St.	248207		L21S	4	1290-1D		191
1107	59403	6644 Radio Dr.	353953		L21S	4	1290-1E		19
1108	59403	6646 Radio Dr.	353913		L21S	4	1290-1E		81
1109	59403	6648 Radio Dr.	353861		L21S	4	1290-1E		138
1110	59403	6652 Radio Dr.	353834		L21S	4	1290-1E		185

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1111	59403	6654 Radio Dr.	353787		L21S	4	1290-1E		228
1112	59403	6685 Radio Dr.	247972		L21S	4	1290-1E		242
1113	59406	1876 Klauber Ave.	247983		L21S	4	1290-1E		22
1114	59406	1874 Klauber Ave.	248019		L21S	4	1290-1E		107
1115	59406	1873 Klauber Ave.	248197		L21S	4	1290-1E		174
1116	59406	1870 Klauber Ave.	353962		L21S	4	1290-1E		201
1117	59406	1865 Klauber Ave.	248252		L21S	4	1290-1E		213
1118	59406	1860 Klauber Ave.	353995		L21S	4	1290-1E		245
1119	59406	1859 Klauber Ave.	354127		L21S	4	1290-1E		263
1120	59407	1854 Klauber Ave.	354023		L21S	4	1290-1E		11
1121	59407	1853 Klauber Ave.	N/A		L21S	4	1290-1E		43
1122	59407	1847 Klauber Ave.	248390		L21S	4	1290-1E		94
1123	59407	1846 Klauber Ave.	248251		L21S	4	1290-1E		95
1124	59407	1840 Klauber Ave.	248263		L21S	4	1290-1E		97
1125	59409	6733 Radio Dr.	247507		L21S	4	1290-1E	7	
1126	59410	1715 Zeller St.	354790		L21S	4	1290-1E	4	
1127	59410	1711 Zeller St.	354846		L21S	4	1290-2E	68	
1128	59410	1730 Zeller St.	N/A		L21S	4	1290-2E	83	
1129	59410	1704 Zeller St.	N/A		L21S	4	1290-2E	201	
1130	59414	6606 Mallard St.	352077		L21S	4	1290-1D	20	
1131	59414	6602 Charlene Ave.	N/A		L21S	4	1290-1D	129	
1132	59414	6585 Mallard St.	N/A		L21S	4	1290-1D	158	
1133	59420	1749 Zeller St.	354514		L21S	4	1290-1E	82	
1134	59420	1729 Zeller St.	249060		L21S	4	1290-1E	165	
1135	59420	1758-A Zeller St.	N/A		L21S	4	1290-1E	177	
1136	59420	1758-B Zeller St.	N/A		L21S	4	1290-1E	219	
1137	59420	1721 Zeller St.	354669		L21S	4	1290-1E	223	
1138	59420	1717 Zeller St.	249169		L21S	4	1290-1E	237	
1139	59422	1776 Klauber Ave.	248680		L21S	4	1290-1E		21
1140	59422	1803 Klauber Ave.	N/A		L21S	4	1290-1E		35

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1141	59422	1804 Klauber Ave.	354324		L21S	4	1290-1E		77
1142	59422	1815 Klauber Ave.	354368		L21S	4	1290-1E		136
1143	59422	1823 Klauber Ave.	N/A		L21S	4	1290-1E		207
1144	59422	1818 Klauber Ave.	248474		L21S	4	1290-1E		232
1145	59424	6690 Mulberry St.	352549		L21S	4	1290-1E		138
1146	59424	6702 Mulberry St.	N/A		L21S	4	1290-1E		209
1147	59427	2136 Bluebird St.	352838		L21S	4	1290-1D		28
1148	59433	6744 Mallard St.	352066		L21S	4	1290-1E		5
1149	59433	6730 Mallard St.	N/A		L21S	4	1290-1E		47
1150	59433	6718 Mallard St.	245380		L21S	4	1290-1E		108
1151	59433	6717 Mallard St.	N/A		L21S	4	1290-1E		110
1152	59433	6706 Mallard St.	245381		L21S	4	1290-1E		111
1153	59436	1503 Republic St.	250864		L21S	4	1290-2C		146
1154	59436	1502 Republic St.	355776		L21S	4	1290-2C		192
1155	59469	6835 Radio Dr.	352735		L21S	4	1290-1E	55	
1156	59469	6825 Radio Dr.	352755		L21S	4	1290-1E	106	
1157	59471	6840 Springfield St.	245740		L21S	4	1290-1E	39	
1158	59471	6837 Springfield St.	352416		L21S	4	1290-1E	63	
1159	59471	6830 Springfield St.	245791		L21S	4	1290-1E	90	
1160	59471	6827 Springfield St.	352488		L21S	4	1290-1E	143	
1161	59471	6816 Springfield St.	N/A		L21S	4	1290-1E	212	
1162	59487	1711 Klauber Ave.	354769		L21S	4	1290-1E	42	
1163	59487	1709 Klauber Ave.	249305		L21S	4	1290-1E	111	
1164	59487	1690 Klauber Ave.	N/A		L21S	4	1290-1E	141	
1165	59489	1976-A Paradise St.	353583		L21S	4	1290-1D		119
1166	59489	1976-B Paradise St.	N/A		L21S	4	1290-1D		131
1167	59489	1961/63 Paradise St.	353588		L21S	4	1290-1D		190
1168	59489	1970 Paradise St.	N/A		L21S	4	1290-1D		191
1169	59496	2010 Swan St.	247146		L21S	4	1290-1D	10	
1170	59496	2015 Swan St.	247113		L21S	4	1290-1D	27	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1171	59496	2035 Swan St.	247001		L21S	4	1290-1D	101	
1172	59496	2012 Swan St.	247003		L21S	4	1290-1D	110	
1173	59496	2090 Swan St.	353088		L21S	4	1290-1D	180	
1174	59496	2116 Swan St.	N/A		L21S	4	1290-1D	212	
1175	59497	2095 Oriole St.	246727		L21S	4	1290-1D		36
1176	59497	Vacant Lot	N/A		L21S	4	1290-1D		67
1177	59497	Vacant Lot	246849		L21S	4	1290-1D		107
1178	59497	2088 Oriole St.	353073		L21S	4	1290-1D		118
1179	59497	2082 Oriole St.	353133		L21S	4	1290-1D		168
1180	59497	2071 Oriole St.	246988		L21S	4	1290-1D		207
1181	59497	2068 Oriole St.	247036		L21S	4	1290-1D		223
1182	59497	2061 Oriole St.	353253		L21S	4	1290-1D		264
1183	59497	2054 Oriole St.	353258		L21S	4	1290-1D		293
1184	59498	2025 Oriole St.	247447		L21S	4	1290-1D	6	
1185	59498	2028 Oriole St.	353504		L21S	4	1290-1D	40	
1186	59498	2035-A Oriole St.	353456		L21S	4	1290-1D	57	
1187	59498	2034 Oriole St.	247369		L21S	4	1290-1D	93	
1188	59498	2035-B Oriole St.	247313		L21S	4	1290-1D	106	
1189	59498	2044 Oriole St.	353391		L21S	4	1290-1D	141	
1190	59498	2045 Oriole St.	247157		L21S	4	1290-1D	201	
1191	59499	6424 Tooley St.	353485		L21S	4	1290-1D		60
1192	59499	6435 Tooley St.	353561		L21S	4	1290-1D		88
1193	59499	6445 Tooley St.	247497		L21S	4	1290-1D		126
1194	59499	6444 Tooley St.	N/A		L21S	4	1290-1D		169
1195	59501	2044 Paradise St.	246950		L21S	4	1290-1D		17
1196	59501	2055 Paradise St.	353077		L21S	4	1290-1D		20
1197	59501	2059 Paradise St.	353053		L21S	4	1290-1D		53
1198	59501	2060 Paradise St.	246918		L21S	4	1290-1D		63
1199	59501	2105 Paradise St.	353005		L21S	4	1290-1D		99
1200	59501	2106 Paradise St.	246835		L21S	4	1290-1D		115

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1201	59503	6146 Fulmar St.	247566		L21S	4	1290-1C		94
1202	59518	1715 Klauber Ave.	N/A		L21S	4	1290-1E		1
1203	59518	1716 Klauber Ave.	249122		L21S	4	1290-1E		15
1204	59518	1730 Klauber Ave.	354618		L21S	4	1290-1E		85
1205	59518	1735 Klauber Ave.	354658		L21S	4	1290-1E		130
1206	59519	6363 Mallard St.	245580		L21S	4	1290-1D	55	
1207	59519	6360 Mallard St.	245410		L21S	4	1290-1D	103	
1208	59519	6346 Mallard St.	245409		L21S	4	1290-1D	146	
1209	59519	6347 Mallard St.	245576		L21S	4	1290-1D	198	
1210	59519	6334 Mallard St.	245408		L21S	4	1290-1D	230	
1211	59520	2323 Holstrom Pl.	351919		L21S	4	1290-1D	3	
1212	59520	2322 Holstrom Pl.	351913		L21S	4	1290-1D	6	
1213	59520	2311 Holstrom Pl.	351925		L21S	4	1290-1D	18	
1214	59520	2312 Holstrom Pl.	245158		L21S	4	1290-1D	21	
1215	59520	2302 Holstrom Pl.	351984		L21S	4	1290-1D	69	
1216	59520	2301 Holstrom Pl.	N/A		L21S	4	1290-1D	72	
1217	59521	2175 Oriole St.	352341		L21S	4	1290-1D	15	
1218	59521	2185 Oriole St.	352289		L21S	4	1290-1D	83	
1219	59522	6415 Mallard St.	352211		L21S	4	1290-1D		42
1220	59522	6442 Mallard St.	352086		L21S	4	1290-1D		61
1221	59523	2215 Paradise St.	352500		L21S	4	1290-1D	87	
1222	59525	1734 Plover St.	249093		L21S	4	1290-1E		7
1223	59526	2020-A Oriole St.	247515		L21S	4	1290-1D		2
1224	59526	2025 Oriole St.	353558		L21S	4	1290-1D		36
1225	59526	2020-B Oriole St.	353599		L21S	4	1290-1D		53
1226	59526	6344 Tooley St.	247616		L21S	4	1290-1D		66
1227	59527	1738 Klauber Ave.	354560		L21S	4	1290-1E		12
1228	59527	1747 Klauber Ave.	354606		L21S	4	1290-1E		57
1229	59527	1752 Klauber Ave.	354503		L21S	4	1290-1E		94
1230	59527	1753 Klauber Ave.	354584		L21S	4	1290-1E		109

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1231	59527	1759 Klauber Ave.	248961		L21S	4	1290-1E		166
1232	59527	1760 Klauber Ave.	248898		L21S	4	1290-1E		174
1233	59527	1740 Plover St.	354488		L21S	4	1290-1E		209
1234	59527	1766 Klauber Ave.	354432		L21S	4	1290-1E		248
1235	59527	1770 Klauber Ave.	354428		L21S	4	1290-1E		249
1236	59531	2211 Swan St.	352497		L21S	4	1290-1D		27
1237	59531	2190 Swan St.	352480		L21S	4	1290-1D		32
1238	59531	2205 Swan St.	352581		L21S	4	1290-1D		125
1239	59531	2135 Swan St.	N/A		L21S	4	1290-1D		208
1240	59531	2160 Swan St.	352722		L21S	4	1290-1D		234
1241	59531	2133 Swan St.	246389		L21S	4	1290-1D		268
1242	59531	2127 Swan St.	352757		L21S	4	1290-1D		285
1243	59532	2176 Oriole St.	N/A		L21S	4	1290-1D		42
1244	59532	2166 Oriole St.	246007		L21S	4	1290-1D		43
1245	59532	2149 Oriole St.	N/A		L21S	4	1290-1D		53
1246	59532	2156 Oriole St.	N/A		L21S	4	1290-1D		84
1247	59532	2146 Oriole St.	246101		L21S	4	1290-1D		86
1248	59532	2145 Oriole St.	352492		L21S	4	1290-1D		124
1249	59532	2141 Oriole St.	352567		L21S	4	1290-1D		177
1250	59533	2129 Oriole St.	352632		L21S	4	1290-1D		16
1251	59533	2126 Oriole St.	246349		L21S	4	1290-1D		65
1252	59533	2112 Oriole St.	352787		L21S	4	1290-1D		73
1253	59533	2119 Oriole St.	246373		L21S	4	1290-1D		117
1254	59533	2115 Oriole St.	352783		L21S	4	1290-1D		147
1255	59533	2109 Oriole St.	352833		L21S	4	1290-1D		169
1256	59533	2108 Oriole St.	352861		L21S	4	1290-1D		204
1257	59533	2106 Oriole St.	N/A		L21S	4	1290-1D		206
1258	59533	2105-A Oriole St.	N/A		L21S	4	1290-1D		214
1259	59533	2105-B Oriole St.	352906		L21S	4	1290-1D		247
1260	59533	2102 Oriole St.	246613		L21S	4	1290-1D		268

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1261	59555	1444-A Klauber Ave.	250259		L21S	4	1290-2E		14
1262	59555	1465 Klauber Ave.	250313		L21S	4	1290-2E		91
1263	59555	1431 Klauber Ave.	355533		L21S	4	1290-2E		122
1264	59555	1444-B Klauber Ave.	355554		L21S	4	1290-2E		146
1265	59558	1549 Plover St.	355262		L21S	4	1290-2E		13
1266	59558	1602 Plover St.	249905		L21S	4	1290-2E		45
1267	59558	1555 Plover St.	355198		L21S	4	1290-2E		104
1268	59558	1608 Plover St.	249833		L21S	4	1290-2E		150
1269	59558	1612 Plover St.	249793		L21S	4	1290-2E		196
1270	59558	1615-A Plover St.	355079		L21S	4	1290-2E		215
1271	59558	1615-B Plover St.	355038		L21S	4	1290-2E		236
1272	59558	1616 Plover St.	249741		L21S	4	1290-2E		377
1273	59558	1626 Plover St.	355013		L21S	4	1290-2E		314
1274	59563	1560 Gibson St.	249924		L21S	4	1290-2E		6
1275	59563	1550 Gibson St.	355275		L21S	4	1290-2E		87
1276	59565	1730 Zeller St.	249895		L21S	4	1290-2E	12	
1277	59565	1570 Gibson St.	249890		L21S	4	1290-2E	21	
1278	59565	1580 Gibson St.	249816		L21S	4	1290-2E	123	
1279	59565	1704 Zeller St.	5013054		L21S	4	1290-2E	218	
1280	59573	6111 Fulmar St.	353560		L21S	4	1290-1C	40	
1281	59578	6101 Fulmar St.	247553		L21S	4	1290-1C	23	
1282	59578	1948 Weaver St.	247441		L21S	4	1290-1C	114	
1283	59578	6092 Fulmar St.	247335		L21S	4	1290-1C	127	
1284	59588	1820 Paradise St.	248856		L21S	4	1290-1E	109	
1285	59588	6575 Radio Dr.	354526		L21S	4	1290-1E	117	
1286	59588	6580 Radio Dr.	354490		L21S	4	1290-1E	170	
1287	59588	6576 Radio Dr.	354505		L21S	4	1290-1E	190	
1288	59590	6568 Radio Dr.	354597		L21S	4	1290-1D	22	
1289	59590	1754 Attix St.	354687		L21S	4	1290-1D	71	
1290	59590	6553 Radio Dr.	249213		L21S	4	1290-1D	135	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1291	59590	6554 Radio Dr.	249143		L21S	4	1290-1D	149	
1292	59590	6545 Radio Dr.	249261		L21S	4	1290-1D	202	
1293	59617	6441 Radio Dr.	355127		L21S	4	1290-2D	1	
1294	59617	6440 Radio Dr.	355055		L21S	4	1290-2D	45	
1295	59617	6437 Radio Dr.	249791		L21S	4	1290-2D	82	
1296	59617	6438 Radio Dr.	355067		L21S	4	1290-2D	92	
1297	59621	2258 Paradise St.	352352		L21S	4	1290-1D	17	
1298	59695	6620 Wunderlin Ave.	254478		L22S	4	1290-3E	12	
1299	59695	6615 Wunderlin Ave.	254632		L22S	4	1290-3E	39	
1300	59695	6630 Wunderlin Ave.	358105		L22S	4	1290-3E	96	
1301	59695	6640 Wunderlin Ave.	358107		L22S	4	1290-3E	177	
1302	59695	916 Madera St.	254481		L22S	4	1290-3E	261	
1303	59697	6736 Wunderlin Ave.	254489		L22S	4	1290-3E	21	
1304	59697	6755 Wunderlin Ave.	254553		L22S	4	1290-3E	69	
1305	59697	6759-A Wunderlin Ave.	254645		L22S	4	1290-3E	127	
1306	59697	6744-A,B Wunderlin Ave.	254494		L22S	4	1290-3E	128	
1307	59697	6746 Wunderlin Ave.	254495		L22S	4	1290-3E	138	
1308	59697	6759-B Wunderlin Ave.	358223		L22S	4	1290-3E	143	
1309	59699	6730 Wunderlin Ave.	254486		L22S	4	1290-3E	63	
1310	59699	6753 Wunderlin Ave.	254548		L22S	4	1290-3E	86	
1311	59699	6729 Wunderlin Ave.	254640		L22S	4	1290-3E	98	
1312	59699	6712 Wunderlin Ave.	254484		L22S	4	1290-3E	183	
1313	59699	6725-(1-2) Wunderlin Ave.	358225		L22S	4	1290-3E	192	
1314	59699	6719/21 Wunderlin Ave.	358222		L22S	4	1290-3E	248	
1315	59712	Vacant Lot-A 64th St.	359499		L22S	4	1290-3D		17
1316	59712	Vacant Lot-B 64th St.	256550		L22S	4	1290-3D		19
1317	59712	622 64th St.	359493		L22S	4	1290-3D		44
1318	59712	638 64th St.	359364		L22S	4	1290-3D		120
1319	59724	822 65th St.	255188		L22S	4	1290-3D		107
1320	59724	819 65th St.	255157		L22S	4	1290-3D		114

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1321	59724	825 65th St.	255053		L22S	4	1290-3D		183
1322	59724	833 65th St.	358443		L22S	4	1290-3D		234
1323	59770	6330 Madrone Ave.	281297		L22S	4	1290-3D	128	
1324	59770	6320 Madrone Ave.	360530		L22S	4	1290-3D	189	
1325	59770	417 63rd St.	258159		L22S	4	1290-3D	272	
1326	59845	710 67th St.	256030		L22S	4	1290-3E	56	
1327	59845	706 67th St.	256043		L22S	4	1290-3E	57	
1328	59845	713 67th St.	359209		L22S	4	1290-3E	102	
1329	59845	639 67th St.	359253		L22S	4	1290-3E	144	
1330	59845	640 67th St.	359243		L22S	4	1290-3E	158	
1331	59845	Vacant Lot	359322		L22S	4	1290-3E	203	
1332	59845	620/630 67th St.	256357		L22S	4	1290-3E	261	
1333	59849	610 67th St.	256454		L22S	4	1290-3E	12	
1334	59856	830 Madera St.	358435		L22S	4	1290-3E	30	
1335	59856	808 Madera St.	N/A		L22S	4	1290-3E	169	
1336	59856	806 Madera St.	255121		L22S	4	1290-3E	170	
1337	59857	6610 Brooklyn Ave.	255386		L22S	4	1290-3E		11
1338	59857	701-A 66th St.	358769		L22S	4	1290-3E		44
1339	59857	701-B 66th St.	255448		L22S	4	1290-3E		134
1340	59857	6648 Brooklyn Ave.	255381		L22S	4	1290-3E		157
1341	59861	6508 Wunderlin Ave.	254468		L22S	4	1290-3D		50
1342	59882	940-A Bldg 200 65th St.	357836		L22S	4	1290-3D	82	
1343	59882	6508-A Wunderlin Ave.	357872		L22S	4	1290-3D	122	
1344	59882	6508-B Wunderlin Ave.	357937		L22S	4	1290-3D	153	
1345	59882	940-B Bldg 200 65th St.	357998		L22S	4	1290-3D	188	
1346	59888	6354 Broadway	253387		L22S	4	1290-2D		137
1347	60002	221 Leghorn Ave.	N/A		L23S	4	1290-4E	34	
1348	60004	240 Leghorn Ave.	N/A		L23S	4	1290-4E	25	
1349	60004	235 Leghorn Ave.	363327		L23S	4	1290-4E	82	
1350	60004	266 Leghorn Ave.	N/A		L23S	4	1290-4E	192	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1351	60004	280 Leghorn Ave.	262759		L23S	4	1290-4E	228	
1352	60004	6624 Skyline Dr.	363573		L23S	4	1290-4E	258	
1353	60220	227 Woodman St.	361940		L23S	4	1290-4E		19
1354	60220	218 Woodman St.	260355		L23S	4	1290-4E		42
1355	60220	211 Woodman St.	361986		L23S	4	1290-4E		88
1356	60225	285-A Woodman St.	361596		L23S	4	1290-4E	11	
1357	60225	262 Woodman St.	361570		L23S	4	1290-4E	28	
1358	60225	284 Woodman St.	1149587		L23S	4	1290-4E	70	
1359	60225	285-B Woodman St.	361547		L23S	4	1290-4E	77	
1360	60225	294 Woodman St.	361491		L23S	4	1290-4E	130	
1361	60225	304 Woodman St.	259637		L23S	4	1290-4E	137	
1362	60225	305-A Woodman St.	259643		L23S	4	1290-4E	143	
1363	60225	312 Woodman St.	259503		L23S	4	1290-4E	152	
1364	60225	305-B Woodman St.	361417		L23S	4	1290-4E	208	
1365	60225	320 Woodman St.	259358		L23S	4	1290-4E	234	
1366	60227	6635 Cielo Dr.	261339		L23S	4	1290-4E		98
1367	60227	6642 Cielo Dr.	362552		L23S	4	1290-4E		178
1368	60733	5946 Lauder St.	271596		L25S	4	1310-1D	21	
1369	60733	5949 Lauder St.	369321		L25S	4	1310-1D	26	
1370	60733	5938 Lauder St.	271602		L25S	4	1310-1D	80	
1371	60733	5943 Lauder St.	271627		L25S	4	1310-1D	89	
1372	60733	5933 Lauder St.	369316		L25S	4	1310-1D	107	
1373	60733	5924 Lauder St.	369310		L25S	4	1310-1D	173	
1374	60733	5929/5931 Lauder St.	369332		L25S	4	1310-1D	174	
1375	60733	5919 Lauder St.	369344		L25S	4	1310-1D	201	
1376	60733	5916 Lauder St.	369323		L25S	4	1310-1D	265	
1377	60733	2355 Rancho Dr.	271655		L25S	4	1310-1D	278	
1378	60740	5957 Lauder St.	271612		L25S	4	1310-1D		42
1379	60740	5952 Lauder St.	271583		L25S	4	1310-1D		44
1380	60740	5963 Lauder St.	369305		L25S	4	1310-1D		114

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1381	60740	5973 Lauder St.	369301		L25S	4	1310-1D		135
1382	60740	5968/5970 Lauder St.	N/A		L25S	4	1310-1D		173
1383	60740	5976 Lauder St.	271555		L25S	4	1310-1D		192
1384	60740	5981 Lauder St.	271594		L25S	4	1310-1D		196
1385	60769	5937 Cumberland St.	369404		L25S	4	1310-1D		7
1386	60769	5946 Cumberland St.	281367		L25S	4	1310-1D		28
1387	60769	5954-A Cumberland St.	N/A		L25S	4	1310-1D		138
1388	60769	5954-B Cumberland St.	271696		L25S	4	1310-1D		163
1389	60769	5957 Cumberland St.	369389		L25S	4	1310-1D		165
1390	60769	5965 Cumberland St.	271721		L25S	4	1310-1D		228
1391	60772	2413 Seabreeze Dr.	271736		L25S	4	1310-1D		23
1392	60772	6011 Cumberland St.	271699		L25S	4	1310-1D		72
1393	60772	6021 Cumberland St.	271695		L25S	4	1310-1D		155
1394	60772	6038-A Cumberland St.	271678		L25S	4	1310-1D		194
1395	60772	6038-B Cumberland St.	271660		L25S	4	1310-1D		262
1396	60772	6051 Cumberland St.	271675		L25S	4	1310-1D		319
1397	60773	5840/5860 Albemarle St.	369280		L25S	4	1310-1D		95
1398	60773	Vacant Lot	271569		L25S	4	1310-1D		99
1399	60773	Vacant Lot	271585		L25S	4	1310-1D		146
1400	60773	5870 Albemarle St.	369272		L25S	4	1310-1D		163
1401	60773	5871 Albemarle St.	369277		L25S	4	1310-1D		194
1402	60773	5873 Albemarle St.	271544		L25S	4	1310-1D		197
1403	60891	5727 Shaw St.	369712		L26S	4	1310-1D	22	
1404	60891	5720 Shaw St.	272153		K26S	4	1310-1D	32	
1405	60891	5719 Shaw St.	272177		K26S	4	1310-1D	57	
1406	60891	5712 Shaw St.	272162		K26S	4	1310-1D	116	
1407	60891	5714 Shaw St.	5511722		K26S	4	1310-1C	136	
1408	60891	5711 Shaw St.	369735		K26S	4	1310-1C	150	
1409	60891	2467 Hopkins St.	272220		K26S	4	1310-1C	169	
1410	60891	2435 Hopkins St.	272178		K26S	4	1310-1C	175	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1411	60891	2461 Hopkins St.	369745		K26S	4	1310-1C	187	
1412	60893	5794 Cumberland St.	271858		L26S	4	1310-1D	89	
1413	60893	2367 Morningside St.	271829		L26S	4	1310-1D	141	
1414	60893	2359 Morningside St.	271819		L26S	4	1310-1D	151	
1415	60893	2392 Morningside St.	N/A		L25S	4	1310-1D	238	
1416	60893	2351 Morningside St.	271796		L25S	4	1310-1D	241	
1417	60893	2343 Morningside St.	369442		L25S	4	1310-1D	273	
1418	60898	2421 Reo Dr.	271846		L26S	4	1310-1D	8	
1419	60898	2420 Reo Dr.	271855		L26S	4	1310-1D	58	
1420	60898	2413 Reo Dr.	369472		L26S	4	1310-1D	74	
1421	60898	2412 Reo Dr.	271837		L26S	4	1310-1D	108	
1422	60898	2401 Reo Dr.	271810		L26S	4	1310-1D	124	
1423	60900	5757 Winchester St.	369768		L26S	4	1310-2D	7	
1424	60900	5751 Winchester St.	369776		L26S	4	1310-2D	20	
1425	60900	5752 Winchester St.	369762		L26S	4	1310-2D	61	
1426	60900	5745 Winchester St.	272270		L26S	4	1310-2D	103	
1427	60900	5744 Winchester St.	369772		L26S	4	1310-2D	146	
1428	60900	5739 Winchester St.	272280		L26S	4	1310-2D	159	
1429	60900	5736 Winchester St.	272268		L26S	4	1310-2D	186	
1430	60900	5733 Winchester St.	369812		L26S	4	1310-2D	213	
1431	60900	5727 Winchester St.	272287		L26S	4	1310-2D	262	
1432	60900	5728 Winchester St.	369799		L26S	4	1310-2D	266	
1433	60904	2439 Morningside St.	271957		L26S	4	1310-1D	47	
1434	60904	2431 Morningside St.	271952		L26S	4	1310-1D	55	
1435	60904	2428 Morningside St.	271962		L26S	4	1310-1D	70	
1436	60904	2423 Morningside St.	271926		L26S	4	1310-1D	126	
1437	60904	2420 Morningside St.	369541		L26S	4	1310-1D	166	
1438	60904	2412 Morningside St.	271932		L26S	4	1310-1D	174	
1439	60904	2415 Morningside St.	271899		L26S	4	1310-1D	228	
1440	60909	2527 Morningside St.	369694		L26S	4	1310-1D	105	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1441	60909	2521 Morningside St.	378192		L26S	4	1310-1D	186	
1442	60909	2515 Morningside St.	272110		L26S	4	1310-1D	213	
1443	60909	5865 Winchester St.	369635		L26S	4	1310-1D	253	
1444	60910	5861 Roanoke St.	272198		L26S	4	1310-1D		114
1445	60919	5795 Roanoke St.	272308		L26S	4	1310-2D	8	
1446	60919	5787 Roanoke St.	272322		L26S	4	1310-2D	57	
1447	60919	5779 Roanoke St.	272333		L26S	4	1310-2D	107	
1448	60919	5780 Roanoke St.	272315		L26S	4	1310-2D	124	
1449	60919	5772 Roanoke St.	369834		L26S	4	1310-2D	150	
1450	60919	5771 Roanoke St.	369852		L26S	4	1310-2D	155	
1451	60919	5764 Roanoke St.	272334		L26S	4	1310-2D	201	
1452	60919	5763 Roanoke St.	369861		L26S	4	1310-2D	207	
1453	60944	2411 Deauville St.	369563		L26S	4	1310-1D		150
1454	60944	2422 Deauville St.	272028		L26S	4	1310-1D		204
1455	60944	2427 Deauville St.	369592		L26S	4	1310-1D		214
1456	60964	6042 Rancho Hills Dr.	272148		L26S	4	1310-1D	8	
1457	60964	6041 Rancho Hills Dr.	369716		L26S	4	1310-1D	40	
1458	60964	6032 Rancho Hills Dr.	272154		L26S	4	1310-1D	53	
1459	60964	6031 Rancho Hills Dr.	369718		L26S	4	1310-1D	75	
1460	60964	6022 Rancho Hills Dr.	272158		L26S	4	1310-1D	98	
1461	60964	6021 Rancho Hills Dr.	369728		L26S	4	1310-1D	164	
1462	60964	6012 Rancho Hills Dr.	272170		L26S	4	1310-1D	194	
1463	60964	6002 Rancho Hills Dr.	369709		L26S	4	1310-1D	217	
1464	60965	2571 Calle Gaviota	369610		L26S	4	1310-1D	9	
1465	60965	2570 Calle Gaviota	272044		L26S	4	1310-1D	42	
1466	60965	2581 Calle Gaviota	272060		L26S	4	1310-1D	53	
1467	60965	2591 Calle Gaviota	272078		L26S	4	1310-1D	133	
1468	60965	2584 Calle Gaviota	272069		L26S	4	1310-1D	135	
1469	60985	6021 Winchester St.	271940		L26S	4	1310-1D	27	
1470	60985	6020 Winchester St.	369516		L26S	4	1310-1D	64	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1471	60985	6015 Winchester St.	271942		L26S	4	1310-1D	66	
1472	60985	6010 Winchester St.	369518		L26S	4	1310-1D	77	
1473	60985	6009 Winchester St.	271950		L26S	4	1310-1D	125	
1474	60985	2481 Seabreeze Dr.	369529		L26S	4	1310-1D	163	
1475	60988	5979 Winchester St.	271966		L26S	4	1310-1D	66	
1476	60988	5971 Winchester St.	369557		L26S	4	1310-1D	119	
1477	60988	5970 Winchester St.	271946		L26S	4	1310-1D	127	
1478	60988	5962 Winchester St.	271955		L26S	4	1310-1D	145	
1479	60988	5963 Winchester St.	369561		L26S	4	1310-1D	162	
1480	60988	2471 Rancho Dr.	N/A		L26S	4	1310-1D	229	
1481	60995	2534 Reo Dr.	369652		L26S	4	1310-1D		20
1482	60995	2537 Reo Dr.	369638		L26S	4	1310-1D		39
1483	60995	5880 Roanoke St.	369665		L26S	4	1310-1D		53
1484	60996	2510 Reo Dr.	272048		L26S	4	1310-1D		81
1485	60996	2518 Reo Dr.	272059		L26S	4	1310-1D		93
1486	60996	2526 Reo Dr.	272071		L26S	4	1310-1D		139
1487	60996	2515 Reo Dr.	369616		L26S	4	1310-1D		148
1488	60996	2523 Reo Dr.	369620		L26S	4	1310-1D		155
1489	60996	2529 Reo Dr.	272073		L26S	4	1310-1D		204
1490	61000	2440 Rancho Dr.	369481		L26S	4	1310-1D	84	
1491	61000	2437 Rancho Dr.	369462		L26S	4	1310-1D	108	
1492	61000	2432 Rancho Dr.	N/A		L26S	4	1310-1D	146	
1493	61000	2424 Rancho Dr.	N/A		L26S	4	1310-1D	155	
1494	61000	2415 Rancho Dr.	N/A		L25S	4	1310-1D	201	
1495	61000	5909 Cumberland St.	271771		L25S	4	1310-1D	251	
1496	61000	2416 Rancho Dr.	271795		L25S	4	1310-1D	263	
1497	61001	5939 Winchester St.	272001		L26S	4	1310-1D	65	
1498	61001	5940 Winchester St.	369559		L26S	4	1310-1D	147	
1499	61001	5918 Winchester St.	369568		L26S	4	1310-1D	191	
1500	61001	5908 Winchester St.	271990		L26S	4	1310-1D	254	

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1501	61004	6163 Seascap St.	272109		L26S	4	1310-1E	7	
1502	61004	6160 Seascap St.	369653		L26S	4	1310-1E	28	
1503	61004	6157 Seascap St.	272136		L26S	4	1310-1E	34	
1504	61004	6152 Seascap St.	369661		L26S	4	1310-1E	80	
1505	61012	2629 Calle Serena	369727		L26S	4	1310-1E	9	
1506	61012	2630 Calle Serena	272202		L26S	4	1310-1E	15	
1507	61012	2643 Calle Serena	369747		L26S	4	1310-1E	33	
1508	61012	2646 Calle Serena	272241		L26S	4	1310-2E	118	
1509	61012	2657 Calle Serena	369773		L26S	4	1310-2E	133	
1510	61014	6132 Winchester St.	369465		L26S	4	1310-1E	30	
1511	61014	6133 Winchester St.	271842		L26S	4	1310-1E	48	
1512	61014	6127 Winchester St.	369483		L26S	4	1310-1D	87	
1513	61014	6121 Winchester St.	378800		L26S	4	1310-1D	140	
1514	61014	2531 Calle Serena	271904		L26S	4	1310-1D	174	
1515	61014	2541 Calle Serena	271924		L26S	4	1310-1D	174	
1516	61021	2661 Hopkins St.	272627		L26S	4	1310-2D	3	
1517	61021	2651 Hopkins St.	370075		L26S	4	1310-2D	40	
1518	61021	2641 Hopkins St.	272602		L26S	4	1310-2D	91	
1519	61021	2631 Hopkins St.	272595		L26S	4	1310-2D	138	
1520	61021	2640 Hopkins St.	378197		L26S	4	1310-2D	155	
1521	61045	2894 Calle Salida del Sol	370124		L26S	4	1310-2D		29
1522	61045	2887 Calle Salida del Sol	272712		L26S	4	1310-2D		42
1523	61045	2895 Calle Salida del Sol	272731		L26S	4	1310-2D		84
1524	61119	6240 Rancho Hills Dr.	369771		L26S	4	1310-1E		21
1525	61119	6233 Rancho Hills Dr.	272278		L26S	4	1310-2E		51
1526	61119	6230 Rancho Hills Dr.	272254		L26S	4	1310-2E		62
1527	61119	6225 Rancho Hills Dr.	369804		L26S	4	1310-2E		92
1528	61129	2672 Homedale St.	369755		L26S	4	1310-1E		3
1529	61129	2662 Homedale St.	369734		L26S	4	1310-1E		60
1530	61129	2655 Homedale St.	369738		L26S	4	1310-1E		72

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1531	61129	2652 Homedale St.	272175		L26S	4	1310-1E		122
1532	61129	2642 Homedale St.	272156		L26S	4	1310-1E		182
1533	61129	2632 Homedale St.	272138		L26S	4	1310-1E		223
1534	61129	2643 Homedale St.	272147	X	L26S	4	1310-1E		229
1535	61129	2622-A Homedale St.	369659		L26S	4	1310-1E		301
1536	61129	2637 Homedale St.	272105		L26S	4	1310-1E		322
1537	61129	2622-B Homedale St.	N/A		L26S	4	1310-1E		343
1538	61134	2702 Landscape St.	272171		L26S	4	1310-1E	72	
1539	61134	2709 Landscape St.	272144		L26S	4	1310-1E	126	
1540	61134	2710 Landscape St.	272176		L26S	4	1310-1E	139	
1541	61169	3124 Mt Miguel Dr.	370281		L26S	4	1310-2D	20	
1542	61169	3134 Mt Miguel Dr.	272905		L26S	4	1310-2D	95	
1543	61169	3143 Mt Miguel Dr.	370308		L26S	4	1310-2D	137	
1544	61169	3144 Mt Miguel Dr.	272912		L26S	4	1310-2D	170	
1545	61169	3154 Mt Miguel Dr.	370313		L26S	4	1310-2D	243	
1546	61181	2612 Homedale St.	369631		L26S	4	1310-1E		2
1547	61181	2615 Homedale St.	N/A		L26S	4	1310-1E		71
1548	61181	2602 Homedale St.	N/A		L26S	4	1310-1E		74
1549	61184	6186 Seascape Dr.	272017		L26S	4	1310-1E		27
1550	61184	6245 Winchester St.	272012		L26S	4	1310-1E		46
1551	61184	6183 Seascape Dr.	369609		L26S	4	1310-1E		69
1552	61184	6225 Winchester St.	369590		L26S	4	1310-1E		110
1553	61184	6212 Seascape Dr.	271991		L26S	4	1310-1E		216
1554	61191	2662 Gross Ct.	271864		L26S	4	1310-1E		115
1555	61191	2652 Gross Ct.	271862		L26S	4	1310-1E		118
1556	61191	2653 Gross Ct.	271861		L26S	4	1310-1E		120
1557	61220	2731 Hopkins St.	272700		L26S	4	1310-2D		1
1558	61220	2740 Hopkins St.	370127		L26S	4	1310-2D		16
1559	61220	2741 Hopkins St.	272720		L26S	4	1310-2D		46
1560	61220	2751 Hopkins St.	272734		L26S	4	1310-2D		97

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1561	61220	5562 Lydia St.	370149		L26S	4	1310-2D		141
1562	61220	2761 Hopkins St.	370156		L26S	4	1310-2D		144
1563	61220	2802 Hopkins St.	N/A		L26S	4	1310-2D		158
1564	61220	2812 Hopkins St.	N/A		L26S	4	1310-2D		159
1565	61220	2820 Hopkins St.	N/A		L26S	4	1310-2D		160
1566	61221	2941 Morningside St.	370192		L26S	4	1310-2D		35
1567	61221	2957 Morningside St.	272789		L26S	4	1310-2D		88
1568	61221	2958 Morningside St.	272802		L26S	4	1310-2D		90
1569	61221	2965 Morningside St.	370201		L26S	4	1310-2D		136
1570	61221	2966 Morningside St.	272809		L26S	4	1310-2D		139
1571	61221	2971 Morningside St.	370207		L26S	4	1310-2D		185
1572	61221	2970 Morningside St.	370214		L26S	4	1310-2D		191
1573	61221	2977 Morningside St.	272813		L26S	4	1310-2D		238
1574	61221	2978 Morningside St.	370218		L26S	4	1310-2D		240
1575	61221	2983 Morningside St.	272822		L26S	4	1310-2D		286
1576	61221	2984 Morningside St.	370225		L26S	4	1310-2D		289
1577	61221	2989 Morningside St.	272830		L26S	4	1310-2D		338
1578	61221	2990 Morningside St.	272842		L26S	4	1310-2D		341
1579	61513	3490 Lindbergh St.	370336		L34S	8	1330-E6		148
1580	61513	3481 Lindbergh St.	272990		L34S	8	1330-E6		174
1581	61513	3480 Lindbergh St.	272965		L34S	8	1330-E6		204
1582	61513	3471 Lindbergh St.	272989		L34s	8	1330-E6		216
1583	61513	3470 Lindbergh St.	272964		L34S	8	1330-E6		259
1584	61514	3455 Foss St.	370435		L34S	8	1330-E6		16
1585	61514	3465 Foss St.	273096		L34S	8	1330-E6		90
1586	61514	3475 Foss St.	370432		L34S	8	1330-E6		136
1587	61514	3476 Foss St.	273065		L34S	8	1330-E6		151
1588	61514	3485 Foss St.	273090		L34S	8	1330-E6		198
1589	61514	3486 Foss St.	273066		L34S	8	1330-E6		200
1590	61524	510 Bleriot Ave.	272962		L34S	8	1330-E6		12

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1591	61524	521 Bleriot Ave.	272986		L34S	8	1330-E6		61
1592	61524	520 Bleriot Ave.	370358		L34S	8	1330-E6		64
1593	61524	531 Bleriot Ave.	370370		L34S	8	1330-E6		131
1594	61524	530 Bleriot Ave.	370373		L34S	8	1330-E6		133
1595	61524	540 Bleriot Ave.	273018		L34S	8	1330-E6		176
1596	61524	541 Bleriot Ave.	273021		L34S	8	1330-E6		182
1597	61524	551 Bleriot Ave.	273039		L34S	8	1330-E6		231
1598	61524	550 Bleriot Ave.	273042		L34S	8	1330-E6		253
1599	61524	560 Bleriot Ave.	370411		L34S	8	1330-E6		286
1600	61552	3850 Coleman Ave.	370891		L34S	8	1330-7F		46
1601	61552	3838 Coleman Ave.	370890		L34S	8	1330-7F		74
1602	61745	4043 Marzo St.	277011		L35S	8	1350-1F	7	
1603	61745	4048 Marzo St.	373036		L35S	8	1350-1F	20	
1604	61745	4057 Marzo St.	373066		L35S	8	1350-1F	68	
1605	61745	4060 Marzo St.	276928		L35S	8	1350-1F	76	
1606	61745	4071 Marzo St.	277012		L35S	8	1350-1F	123	
1607	61745	4072 Marzo St.	276930		L35S	8	1350-1F	131	
1608	61745	4085 Marzo St.	277013		L35S	8	1350-1F	183	
1609	61745	4084 Marzo St.	276931		L35S	8	1350-1F	191	
1610	61817	1374 Del Sol Ln.	372850		L35S	8	1350-1E		12
1611	61817	1369 Del Sol Ln.	276688		L35S	8	1350-1E		50
1612	61817	1384 Del Sol Ln.	276693		L35S	8	1350-1E		58
1613	61817	1383 Del Sol Ln.	276694		L35S	8	1350-1E		69
1614	61817	1397 Del Sol Ln.	276713		L35S	8	1350-1E		72
1615	61817	1394 Del Sol Ln.	276714		L35S	8	1350-1E		73
1616	61846	3445 Arruza St.	276581		L35S	8	1350-1E	9	
1617	61846	3446 Arruza St.	372757		L35S	8	1350-1E	16	
1618	61846	3431 Arruza St.	276579		L35S	8	1350-1E	58	
1619	61846	3432 Arruza St.	372754		L35S	8	1350-1E	70	
1620	61846	3417 Arruza St.	276576		L35S	8	1350-1E	113	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1621	61846	3418 Arruza St.	372753		L35S	8	1350-1E	120	
1622	61846	3405 Arruza St.	N/A		L35S	8	1350-1E	178	
1623	61846	3406 Arruza St.	372751		L35S	8	1350-1E	180	
1624	62030	112 Alverson Rd.	N/A		L36S	8	1350-F3	8	
1625	62030	109-113 Alverson Rd.	279276		L36S	8	1350-F3	34	
1626	62030	107 Alverson Rd.	279281		L36S	8	1350-F3	123	
1627	62030	104 Alverson Rd.	N/A		L36S	8	1350-F3	180	
1628	62040	169 Alverson Rd.	N/A		L36S	8	1350-F3	103	
1629	62040	153 Alverson Rd.	N/A		L36S	8	1350-F3	114	
1630	62040	147 Alverson Rd.	279140		L36S	8	1350-F3	204	
1631	62040	143 Alverson Rd.	374457		L36S	8	1350-F3	220	
1632	62040	Sunset School Field Alverson Rd.	279166		L36S	8	1350-F3	227	
1633	62040	141 Alverson Rd.	N/A		L36S	8	1350-F3	301	
1634	62046	119 Alverson Rd.	N/A		L36S	8	1350-F3		7
1635	62046	123 Alverson Rd.	N/A		L36S	8	1350-F3		64
1636	62046	128 Alverson Rd.	N/A		L36S	8	1350-F3		79
1637	62046	129 Alverson Rd.	N/A		L36S	8	1350-FE		98
1638	62046	Sunset School Field A Alverson Rd.	N/A		L36S	8	1350-F3		132
1639	62046	Sunset School Field B Alverson Rd.	N/A		L36S	8	1350-F3		144
1640	62046	131-139 Alverson Rd.	374483		L36S	8	1350-F3		212
1641	62046	Sunset School Field C Alverson Rd.	279213		L36S	8	1350-F3		228
1642	62046	Sunset School Field D Alverson Rd.	N/A		L36S	8	1350-F3		229
1643	62051	655 San Ysidro Blvd.	279050		L36S	8	1350-3E	34	
1644	62051	779 San Ysidro Blvd.	279078		L36S	8	1350-3E	71	
1645	62051	805 San Ysidro Blvd.	374394		L36S	8	1350-3E	316	
1646	62069	3724 Sunset Ln.	374397		L35S	8	1350-3F	86	
1647	62069	Vacant Lot	374398		L35S	8	1350-3E	137	
1648	62113	3826 Beyer Bl.	N/A		L36S	8	1350-F3	78	
1649	62113	3830 Beyer Bl.	278810		L36S	8	1350-F3	94	
1650	62113	3854-3862 Beyer Bl.	278814		L36S	8	1350-F3	99	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1651	62113	318 Foothill Rd.	N/A		L36S	8	1350-F3	169	
1652	62150	3930 Beyer Blvd.	278942		L36S	8	1350-F3		103
1653	62726	7332 Casper Dr.	197447		M14S	7	1250-5F		9
1654	62726	7327 Casper Dr.	197522		M14S	7	1250-5F		25
1655	62726	7308 Casper Dr.	197174		M14S	7	1250-5F		172
1656	62730	7268 Casper Dr.	319106		M14S	7	1250-5F		5
1657	62730	7251 Casper Dr.	197030		M14S	7	1250-5F		52
1658	62730	7248 Casper Dr.	196860		M14S	7	1250-5F		75
1659	62730	7228 Casper Dr.	318979		M14S	7	1250-5F		157
1660	62742	6772 Golfcrest Dr.	196691		M14S	7	1250-5F		15
1661	62742	6771 Golfcrest Dr.	196886		M14S	7	1250-5F		74
1662	62742	6762 Golfcrest Dr.	196863		M14S	7	1250-5F		104
1663	62742	6761 Golfcrest Dr.	319158		M14S	7	1250-5F		153
1664	62742	6751 Golfcrest Dr.	197118		M14S	7	1250-5F		196
1665	62742	6752 Golfcrest Dr.	196987		M14S	7	1250-5F		214
1666	62742	6741 Golfcrest Dr.	197238		M14S	7	1250-5F		287
1667	62742	6742 Golfcrest Dr.	319319		M14S	7	1250-5F		318
1668	62744	7208 Glenflora Ave.	319802		M14S	7	1250-5F		70
1669	62744	6702 Golfcrest Dr.	197742		M14S	7	1250-5F		79
1670	62744	6711 Golfcrest Dr.	197741		M14S	7	1250-5F		120
1671	62744	6712 Golfcrest Dr.	197681		M14S	7	1250-5F		122
1672	62765	6560 Belle Glade Ave.	200821		M15S	7	1250-5E	21	
1673	62765	6545 Belle Glade Ave.	201154		M15S	7	1250-5E	154	
1674	62765	6544 Belle Glade Ave.	322276		M15S	7	1250-5E	163	
1675	62777	6414 Elmcrest Dr.	202332		M15S	7	1250-6E		45
1676	62777	6450 Elmcrest Dr.	202024		M15S	7	1250-6E		196
1677	62826	6287 Lake Shore Dr.	322906		M15S	7	1250-6G	163	
1678	62826	6307 Lake Shore Dr.	201900		M15S	7	1250-6G	231	
1679	62849	6202 Lake Shore Dr.	324119		M15S	7	1250-6F	26	
1680	62849	6210 Lake Shore Dr.	203668		M15S	7	1250-6F	107	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1681	62849	6218-A Lake Shore Dr.	N/A		M15S	7	1250-6F	117	
1682	62849	6218-B Lake Shore Dr.	203514		M15S	7	1250-6F	180	
1683	62849	6215 Lake Shore Dr.	323911		M15S	7	1250-6F	184	
1684	62849	6226 Lake Shore Dr.	203345		M15S	7	1250-6F	259	
1685	62849	6234 Lake Shore Dr.	323682		M15S	7	1250-6F	340	
1686	62852	6242-A Lake Shore Dr.	N/A		M15S	7	1250-F6	7	
1687	62852	6242-B Lake Shore Dr.	203059		M15S	7	1250-F6	37	
1688	62852	6250 Lake Shore Dr.	323421		M15S	7	1250-F6	119	
1689	62852	6258 Lake Shore Dr.	202642		M15S	7	1250-F6	209	
1690	62852	6266 Lake Shore Dr.	323185		M15S	7	1250-F6	274	
1691	62872	6233 Cowles Mtn. Blvd.	323741		M15S	7	1250-6G		49
1692	62872	6239 Cowles Mtn. Blvd.	203235		M15S	7	1250-6G		84
1693	62872	6251 Cowles Mtn. Blvd.	323475		M15S	7	1250-6G		228
1694	62872	6257 Cowles Mtn Blvd.	202747		M15S	7	1250-6G		296
1695	63239	7945 Pala St.	258503		M22S	4	1290-3G		6
1696	63239	7946 Pala St.	258404		M22S	4	1290-3G		14
1697	63239	7936 Pala St.	360715		M22S	4	1290-3G		72
1698	63239	7935 Pala St.	258529		M22S	4	1290-3G		75
1699	63239	7926 Pala St.	258473		M22S	4	1290-3G		135
1700	63239	7905 Pala St.	258658		M22S	4	1290-3G		216
1701	63249	7959 Anza Dr.	257327		M22S	4	1290-3G		13
1702	63249	7960 Anza Dr.	257125		M22S	4	1290-3G		40
1703	63249	7967 Anza Dr.	359965		M22S	4	1290-3G		71
1704	63249	7975 Anza Dr.	359914		M22S	4	1290-3G		116
1705	63249	7972 Anza Dr.	257080		M22S	4	1290-3G		123
1706	63335	702 Beacon Dr.	359929		M22S	4	1290-3G		35
1707	63335	7903 Anza St.	360023		M22S	4	1290-3G		72
1708	63336	7952 Anza Dr.	257151		M22S	4	1290-3G	24	
1709	63336	7951 Anza Dr.	360020		M22S	4	1290-3G	27	
1710	63336	7943 Anza Dr.	360022		M22S	4	1290-3G	87	

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#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1711	63336	7944 Anza Dr.	359879		M22S	4	1290-3G	90	
1712	63336	7936 Anza Dr.	359882		M22S	4	1290-3G	144	
1713	63336	7928 Anza Dr.	257166		M22S	4	1290-3G	208	
1714	63336	7927 Anza Dr.	360026		M22S	4	1290-3G	211	
1715	63336	7920 Anza Dr.	257174		M22S	4	1290-3G	266	
1716	63336	7919 Anza Dr.	360029		M22S	4	1290-3G	274	
1717	63336	7910 Anza Dr.	257137		M22S	4	1290-3G	330	
1718	63336	7911 Anza Dr.	360037		M22S	4	1290-3G	332	
1719	64626	4227 Powderhorn Dr.	273394		M34S	8	1330-G6	22	
1720	64626	4230 Powderhorn Dr.	370603		M34S	8	1330-7G	29	
1721	64626	4222 Powderhorn Dr.	370602		M34S	8	1330-7G	67	
1722	64626	4219 Powderhorn Dr.	273395		M34S	8	1330-7G	123	
1723	64626	4214 Powderhorn Dr.	273366		M34S	8	1330-7G	131	
1724	64626	4203 Powderhorn Dr.	370623		M34S	8	1330-7G	179	
1725	64626	4206 Powderhorn Dr.	370600		M34S	8	1330-7G	187	
1726	64626	4190 Powderhorn Dr.	273364		M34S	8	1330-7G	225	
1727	64626	4193 Powderhorn Dr.	273390		M34S	8	1330-7G	242	
1728	64626	4187 Powderhorn Dr.	370599		M34S	8	1330-7G	285	
1729	64626	4180 Powderhorn Dr.	273389		M34S	8	1330-7G	298	
1730	64753	1804 Blando Ln.	373800		M36S	8	1350-G2	41	
1731	64753	1808 Blando Ln.	373814		M36S	8	1350-G2	70	
1732	64753	1812 Blando Ln.	278174		M36S	8	1350-G2	111	
1733	64753	1816 Blando Ln.	278214		M36S	8	1350-3G	179	
1734	64753	1820 Blando Ln.	278249		M36S	8	1350-3G	223	
1735	64755	167 Avenida De La Madrid	N/A		M36S	8	1350-G3	6	
1736	65189	7078 Bobhird Dr.	313458		N13S	7	1250-3J	26	
1737	65395	8709 Verlane Dr.	316599		N14S	7	1251-4A		17
1738	65395	8712 Verlane Dr.	193451		N14S	7	1251-4A		40
1739	65395	8715 Verlane Dr.	193520		N14S	7	1251-4A		66
1740	65396	8730 Verlane Dr.	316252		N14S	7	1251-4A		99

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1741	65396	8733 Verlane Dr.	193212		N14S	7	1251-4A		114
1742	65396	8736 Verlane Dr.	193067		N14S	7	1251-4A		148
1743	65397	8741 Verlane Dr.	193012		N14S	7	1251-4A		59
1744	65397	8740 Verlane Dr.	192909		N14S	7	1251-4A		60
1745	65397	8739 Verlane Dr.	193098		N14S	7	1251-4A		61
1746	65427	8243 San Carlos Dr.	196823		N14S	7	1250-5J	37	
1747	65427	High School San Carlos Dr.	N/A		N14S	7	1250-5J	98	
1748	65427	8253 San Carlos Dr.	196838		N14S	7	1250-5J	103	
1749	65427	8263 San Carlos Dr.	319046		N14S	7	1250-5J	151	
1750	65427	8273 San Carlos Dr.	196856		N14S	7	1250-5J	206	
1751	65427	8283 San Carlos Dr.	196866		N14S	7	1250-5J	285	
1752	65606	6691 Jackson Dr.	201691		N15S	7	1250-5H		31
1753	65606	6692 Jackson Dr.	322801		N15S	7	1250-6H		34
1754	65606	6682 Jackson Dr.	201970		N15S	7	1250-6H		83
1755	65606	6681 Jackson Dr.	201751		N15S	7	1250-6H		92
1756	65606	6671 Jackson Dr.	322707		N15S	7	1250-5H		148
1757	65606	6672 Jackson Dr.	322866		N15S	7	1250-6H		164
1758	65606	6662 Jackson Dr.	322892		N15S	7	1250-6H		209
1759	65606	6661 Jackson Dr.	322742		N15S	7	1250-6H		219
1760	65606	6651 Jackson Dr.	322770		N15S	7	1250-6H		270
1761	65606	6652 Jackson Dr.	202104		N15S	7	1250-6H		293
1762	65606	6641 Jackson Dr.	322814		N15S	7	1250-6H		326
1763	65606	6642 Jackson Dr.	202154		N15S	7	1250-6H		341
1764	65631	6239 Spruce Lake Ave.	323607		N15S	7	1250-6H		1
1765	65631	6240 Spruce Lake Ave.	203108		N15S	7	1250-6G		13
1766	65631	6247 Spruce Lake Ave.	203031		N15S	7	1250-6H		42
1767	65631	6248 Spruce Lake Ave.	202985		N15S	7	1250-6G		51
1768	65631	6255 Spruce Lake Ave.	202842		N15S	7	1250-6H		103
1769	65631	6256 Spruce Lake Ave.	323408		N15S	7	1250-6G		121
1770	65676	6333 Balsam Lake Ave.	200962		N15S	7	1250-H5		6

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1771	65676	6327 Balsam Lake Ave.	322262		N15S	7	1250-H5		60
1772	65676	6332 Balsam Lake Ave.	201012		N15S	7	1250-H5		70
1773	65676	6326 Balsam Lake Ave.	201084		N15S	7	1250-H5		93
1774	65676	6314 Balsam Lake Ave.	201412		N15S	7	1250-H5	10	
1775	65676	6307 Balsam Lake Ave.	201523		N15S	7	1250-H5	15	
1776	65676	6315 Balsam Lake Ave.	201408		N15S	7	1250-H5	59	
1777	65676	6320 Balsam Lake Ave.	201201		N15S	7	1250-H5	105	
1778	65676	6321 Balsam Lake Ave.	322340		N15S	7	1250-H5	141	
1779	65689	6370 Lake Arago Ave.	321844		N15S	7	1250-5J		42
1780	65689	6373 Lake Arago Ave.	200495		N15S	7	1250-5J		54
1781	65689	6378 Lake Arago Ave.	321790		N15S	7	1250-5J		91
1782	65689	6379 Lake Arago Ave.	200445		N15S	7	1250-5J		110
1783	65689	6385 Lake Arago Ave.	321569		N15S	7	1250-5J		176
1784	65689	6384 Lake Arago Ave.	321703		N15S	7	1250-5J		179
1785	65689	6390 Lake Arago Ave.	321645		N15S	7	1250-5J		227
1786	65689	6391 Lake Arago Ave.	200250		N14S	7	1250-5J		246
1787	65689	6398 Lake Arago Ave.	200259		N14S	7	1250-5J		270
1788	65689	6397 Lake Arago Ave.	200194		N14S	7	1250-5J		273
1789	65724	6201 Amber Lake Ave.	203952		N15S	7	1250-6J		47
1790	65724	6202 Amber Lake Ave.	324211		N15S	7	1250-6J		56
1791	65724	6209 Amber Lake Ave.	203843		N15S	7	1250-6J		117
1792	65724	6210 Amber Lake Ave.	324111		N15S	7	1250-6J		136
1793	65724	6217 Amber Lake Ave.	203679		N15S	7	1250-6J		197
1794	65724	6218 Amber Lake Ave.	324025		N15S	7	1250-6J		199
1795	65724	6225 Amber Lake Ave.	203618		N15S	7	1250-6J		232
1796	65724	6226 Amber Lake Ave.	203570		N15S	7	1250-6J		262
1797	65724	6233 Amber Lake Ave.	203447		N15S	7	1250-6J		311
1798	65724	6234 Amber Lake Ave.	323836		N15S	7	1250-6J		324
1799	66343	8755 Blue Lake Dr.	204258		O15S	7	1251-6A		18
1800	66343	8754 Blue Lake Dr.	324355		O15S	7	1251-6A		65

Scope of Work

#	Main FSN	Street Address	Lateral FSN	6-Inch Lateral	Field Book Page	Council District	Thomas Bros Page	Approximate Distance from Upstream MH (ft)	Approximate Distance from Downstream MH (ft)
1801	66343	8747 Blue Lake Dr.	204250		O15S	7	1251-6A		81
1802	66343	8746 Blue Lake Dr.	324353		N15S	7	1251-6A		138
1803	66343	8741 Blue Lake Dr.	204256		N15S	7	1251-6A		151
1804	66343	8740 Blue Lake Dr.	324351		N15S	7	1251-6A		204
1805	66343	8735 Blue Lake Dr.	204254		N15S	7	1251-6A		221
1806	66343	8730 Blue Lake Dr.	324349		N15S	7	1251-6A		275
1807	66343	8729 Blue Lake Dr.	204255		N15S	7	1251-6A		289
1808	5181929	Parking Lot Balboa Park	5181976	X	G21S	3	1289-2C	14	
1809	5181929	Parking Lot Balboa Park	5181977	X	G21S	3	1289-2C	146	
1810	5181929	Parking Lot Balboa Park	5181928	X	G21S	3	1289-2C	269	
1811	5181972	10263 Balboa Park-Private Rd	5180946	X	G21S	3	1289-1C		25

APPENDIX G

SEWER LATERAL REHABILITATION SAMPLE DATA TEMPLATES

FSN	ADDRESS	FSN LATERAL	PRE CCTV DATE	REHAB DATE	LENGTH	DIAMETER	ORIG PIPE MATERIAL	INSTALLED CLEANOUT	LINING TYPE DESC	LINING METHOD DESC	REHAB CONTRACTOR DESC	REHAB MATERIAL VENDOR	DEFECT COMMENTS	ACCEPTANCE DATE
16655	6918 Haworth St	168360			20	4			PVC	CIPP (PULLED OR INVERSION)	ACE PIPELINE CORPORATION			8/30/2010
16655	6932 Haworth St	168335			13	4			PVC	CIPP (PULLED OR INVERSION)	ACE PIPELINE CORPORATION			8/30/2010
16655	6946 Haworth St	168290			16	4			PVC	CIPP (PULLED OR INVERSION)	ACE PIPELINE CORPORATION			8/30/2010
16655	6953 Haworth St	168336			17	4			PVC	CIPP (PULLED OR INVERSION)	ACE PIPELINE CORPORATION			8/30/2010
16655	6960 Haworth St	168268			19	4			PVC	CIPP (PULLED OR INVERSION)	ACE PIPELINE CORPORATION			8/30/2010
16655	6974 Haworth St	298898			21	4			PVC	CIPP (PULLED OR INVERSION)	ACE PIPELINE CORPORATION			8/30/2010

APPENDIX H
SAMPLE PAYROLL FORM

Project Name:	Contractor's Name:
Work Order No or Job Order No.	Contractor's Address:
Resident Engineer (RE):	Contact Name:

Fringe Benefits

Employee Number	Employee Name	Labor Code	Regular Prevailing Wage	Total Fringe	Total Rate	W.C. Rate	Liability Insurance	ER Taxes FICA	ER Taxes Medicare	ER Taxes FUI	ER Taxes SUI	ER Taxes Training	Total

APPENDIX I
SAMPLE DOOR HANGER



CONSTRUCTION NOTICE

PROJECT NAME

The work will consist of:

- **Edit this information:** The construction work will include pot holing in the northbound curb lane of Torrey Pines Road between Coast Walk and Princess Street.

How your neighborhood may be impacted:

- **Edit this information:** Traffic delays due to lane closure.
- Two-way traffic will be maintained at all times.

Anticipated Construction Schedule

- **Edit this information:** The project upgrades for the entire neighborhood have been ongoing and now are scheduled to start on your street.
- The entire neighborhood project started in ____ and is anticipated to be complete in ____.

Hours and Days of Operation

- **Edit this information:** Monday to Friday (7:30 a.m. to 4 p.m.)

For questions related to this work

Call: (619) 533-4207

Email: engineering@sandiego.gov

Visit: sandiego.gov/CIP



This information is available in alternative formats upon request.



CONSTRUCTION NOTICE

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For questions related to this work

Call: (619) 533-4207

Email: engineering@sandiego.gov

Visit: sandiego.gov/CIP



This information is available in alternative formats upon request.

ATTACHMENT F
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9/25/14 CW
Valid



Purchasing and Contracting Department
Contracting Division
1200 Third Avenue, Suite 200
San Diego, CA 92101
(619) 236-6000

THE CITY OF SAN DIEGO

FAX TRANSMITTAL

Date: September 24, 2014

The following 3 pages (including this cover) are intended for:

To:	Estimator	From:	Celia Navarro
Company:	Southwest Pipeline & Trenchless	Division:	Contracting Group
Email #	<u>justin@swpipeline.com</u>	FAX #	619-533-3633
Phone #	(310) 329-8717	Phone #	619-533-3431

RE: Bid # K-15-5368-DBB-3 – Pipeline Rehab – Phase G-2 (Laterals)

COMMENTS:

In tabulating the bid results of subject project, we have found that the ESTIMATED TOTAL BASE BID is \$4,102,020.00 NOT \$4,106,220.00 as per your bid.

Please FAX or Email acknowledgement/concurrence of the correct amount, by 4:00pm today.

If there are any problems with receiving this FAX transmission (such as missing pages), please contact the Sender at the "From" phone number given above.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW, RECEIPT BY AN UNINTENDED RECIPIENT DOES NOT CONSTITUTE A WAIVER OF ANY APPLICABLE PRIVILEGE.

If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone, and return the original message to us at the above address via the U.S. Postal Service.

we acknowledge and concur with the total correct amount of \$4,102,020.00.

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

City of San Diego

CONTRACTOR'S NAME: Southwest Pipeline & Trenchless Corp.
ADDRESS: 22118 S. Vermont Ave., Torrance CA 90502
TELEPHONE NO.: 310-329-8717 FAX NO.: 310-329-0981
CITY CONTACT: Clementina Giordano, Contract Specialist, Email: Cgiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
L. Nasrawi / B. Doringo / LJI

CONTRACT DOCUMENTS



FOR

Pipeline Rehab - Phase G-2 (Laterals)

VOLUME 2 OF 2

BID NO.: K-15-5368-DBB-3
SAP NO. (WBS/IO/CC): B-11029
CLIENT DEPARTMENT: 2011
COUNCIL DISTRICT: CITYWIDE
PROJECT TYPE: JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

**THIS BIDDING DOCUMENT TO BE SUBMITTED IN ITS ENTIRETY
REFER TO VOLUME 1 COVER PAGE FOR TIME, DATE, AND LOCATION**

TABLE OF CONTENTS

DESCRIPTION

PAGE NUMBER

Volume 2 - Bidding Documents

The following forms must be completed in their entirety and submitted with the Bid. Include the form(s) even if the information does not apply. Where the information does not apply write in N/A. Failure to include any of the forms may cause the Bid to be deemed **non-responsive**. If you are uncertain or have any questions about any required information, contact the City no later than 14 days prior to Bid due date.

1. Bid/Proposal.....	3
2. Bid Bond.....	6
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106.....	7
4. Contractors Certification of Pending Actions.....	8
5. Equal Benefits Ordinance Certification of Compliance.....	9
6. Proposal (Bid).....	10
7. Form AA35 - List of Subcontractors.....	14
8. Form AA40 - Named Equipment/Material Supplier List.....	15

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

Pursuant to "Notice Inviting Bids", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The undersigned bidder(s) further warrants that bidder(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its bid proposal, bidder(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

- (1) Name under which business is conducted _____ N/A _____
- (2) Signature (Given and surname) of proprietor _____
- (3) Place of Business (Street & Number) _____
- (4) City and State _____ Zip Code _____
- (5) Telephone No. _____ Facsimile No. _____
- (6) Email Address _____

IF A PARTNERSHIP, SIGN HERE:

- (1) Name under which business is conducted _____ N/A _____

BIDDING DOCUMENTS

(2) Name of each member of partnership, indicate character of each partner, general or special (limited):

(3) Signature (Note: Signature must be made by a general partner)

Full Name and Character of partner

(4) Place of Business (Street & Number) _____

(5) City and State _____ Zip Code _____

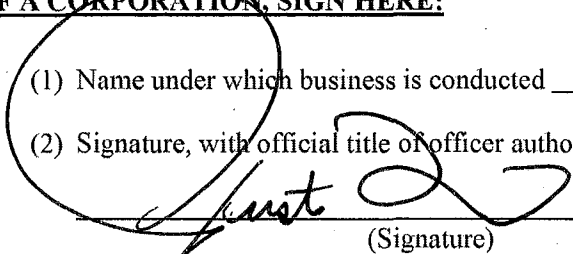
(6) Telephone No. _____ Facsimile No. _____

(7) Email Address _____

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted Southwest Pipeline & Trenchless Corp.

(2) Signature, with official title of officer authorized to sign for the corporation:



(Signature)

Justin Duchaineau

(Printed Name)

President

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of California

(4) Place of Business (Street & Number) 22118 S. Vermont Ave.

(5) City and State Torrance, California Zip Code 90502

(6) Telephone No. 310-329-8717 Facsimile No. 310-329-0981

(7) Email Address justin@swpipeline.com

BIDDING DOCUMENTS

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the "NOTICE INVITING BIDS", the bidder holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

LICENSE CLASSIFICATION _____ A _____

LICENSE NO. 773862 EXPIRES 1/31/2016

This license classification must also be shown on the front of the bid envelope. Failure to show license classification on the bid envelope may cause return of the bid unopened.

TAX IDENTIFICATION NUMBER (TIN): [REDACTED]

Email Address: _____ justin@swpipeline.com _____

THIS PROPOSAL MUST BE NOTARIZED BELOW:

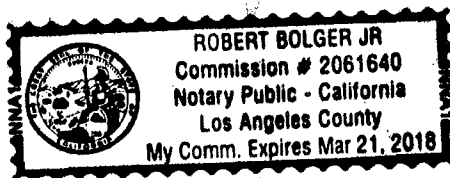
I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

Signature [Handwritten Signature] Title President

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 22nd DAY OF September, 2014.

Notary Public in and for the County of Los Angeles, State of California

(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That Southwest Pipeline and Trenchless Corp. as Principal, and Liberty Mutual Insurance Company as Surety, are held and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum of **10% OF THE TOTAL BID AMOUNT** for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under the bidding schedule(s) of the OWNER's Contract Documents entitled

Pipeline Rehab Phase G-2 (Laterals)

NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit, including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 25th day of August, 2014

Southwest Pipeline and Trenchless Corp. (SEAL)
(Principal)

By: [Signature]
(Signature)

Liberty Mutual Insurance Company
(Surety)

By: [Signature]
(Signature)
Noemi Quiroz, Attorney-in-Fact



(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)
) ss
County of Los Angeles)

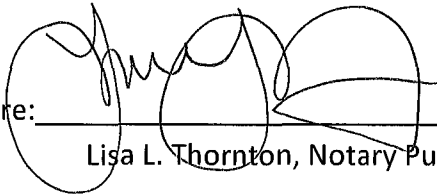
On AUG 25 2014, before me, Lisa L. Thornton, Notary Public, personally appeared Noemi Quiroz, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



(Seal)

Signature: 
Lisa L. Thornton, Notary Public

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees. To confirm the validity of this Power of Attorney call 610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Noemi Quiroz of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: Bid Bond

Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 18th day of November, 2013.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 18th day of November, 2013, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 25th day of August, 2014.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

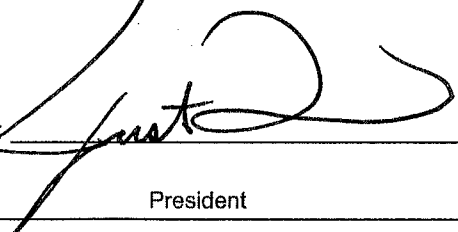
BIDDING DOCUMENTS

**NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND
SUBMITTED WITH BID UNDER 23 UNITED STATES CODE 112 AND
PUBLIC CONTRACT CODE 7106**

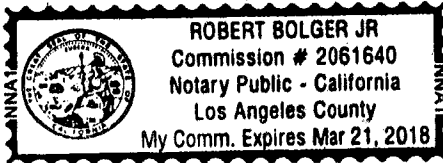
State of California)
) ss.
County of Los Angeles)

Justin Duchaineau, being first duly sworn, deposes and says that he or she is President of the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

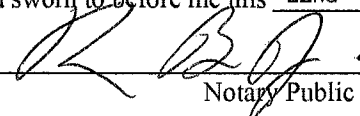
Signed:



Title: President



Subscribed and sworn to before me this 22nd day of September, 2014



Notary Public

(SEAL)

BIDDING DOCUMENTS

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

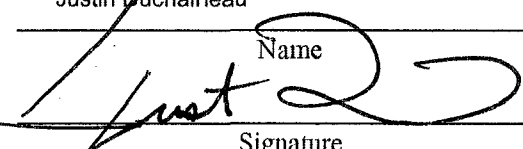
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: Southwest Pipeline & Trenchless Corp.

Certified By Justin Duchaineau Title President

Name



Signature

Date 9-22-2014

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
 202 C Street, MS 9A, San Diego, CA 92101
 Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: Southwest Pipeline & Trenchless Corp.	Contact Name: Justin Duchaineau
Company Address: 22118 S. Vermont Ave., Torrance CA 90502	Contact Phone: 310-329-8717
	Contact Email: justin@swpipeline.com

CONTRACT INFORMATION

Contract Title: Pipeline Rehab-Phase G-2 (Laterals)	Start Date:
Contract Number (if no number, state location):	End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.

- I affirm **compliance** with the EBO because my firm (*contractor must select one reason*):
- Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.
- I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Justin Duchaineau - President
 Name/Title of Signatory

Signature

9-22-2014
 Date

FOR OFFICIAL CITY USE ONLY

Receipt Date: EBO Analyst: Approved Not Approved – Reason:

(Rev 02/15/2011)

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **Pipeline Rehab - Phase G-2 (Laterals)** for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	524126	2-4.1	Bonds (Payment and Performance)	 	\$40,000. ⁰⁰
2	1	LS	238990	7-9.1.1	Video Recording of Pre-existing Conditions	 	\$2,500. ⁰⁰
3	1	LS	237310	7-10.2.6	Traffic Control	 	\$15,000. ⁰⁰
4	1	LS	237110	9-3.4.1	Mobilization	 	\$100,000. ⁰⁰
5	1	AL		9-3.5	Field Orders - Type II	 	\$120,000.00
6	100	CY	237310	300-1.4	Additional Pavement Removal & Disposal	\$50. ⁰⁰	\$5,000. ⁰⁰
7	7	TON	237310	302-3.2	Asphalt Pavement Repair	\$100. ⁰⁰	\$700. ⁰⁰
8	6,125	SF	237310	302-4.12.4	Rubber Polymer Modified Slurry Type II and Striping	\$1. ⁰⁰	\$6,125. ⁰⁰
9	450	CY	237310	302-6.8	Concrete Pavement	\$200. ⁰⁰	\$90,000. ⁰⁰
10	80	LB	237310	302-14.5	Crack Seal	\$30. ⁰⁰	\$2,400. ⁰⁰
11	1,250	LF	237310	303-5.9	Additional Curb and Gutter	\$27. ⁰⁰	\$33,750. ⁰⁰
12	1,750	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$7. ⁰⁰	\$12,250. ⁰⁰

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension	
13	12	TON	237310	306-1.5.1	Temporary Resurfacing	\$100. ⁰⁰	\$1,200. ⁰⁰	
14	2	TON	237110	306-1.6	Imported Backfill	\$40. ⁰⁰	\$80. ⁰⁰	
15	20	EA	237110	306-1.9.1	4-Inch Sewer Lateral & Cleanout	\$3,200. ⁰⁰	\$64,000. ⁰⁰	
16	1	EA	237110	306-1.9.1	6-Inch Sewer Lateral & Cleanout	\$3,200. ⁰⁰	\$3,200. ⁰⁰	
17	225	EA	237110	500-1.2.7	Point Repair for Existing Sewer Lateral	\$1,650. ⁰⁰	\$371,250. ⁰⁰	
18	15	LF	237110	500-1.2.7	Additional Point Repair for Existing Sewer Lateral	\$250. ⁰⁰	\$3,750. ⁰⁰	
19	1,711	EA	237110	500-1.6.6	4-Inch Sewer Lateral Lining (Up to 7-Feet of Depth)	\$1,765. ⁰⁰	\$3,019,915. ⁰⁰	
20	90	EA	237110	500-1.6.6	4-Inch Sewer Lateral Lining (Deeper than 7-Feet of Depth)	\$1,910. ⁰⁰	\$171,900. ⁰⁰	
21	10	EA	237110	500-1.6.6	6-Inch Sewer Lateral Lining	\$2,000. ⁰⁰	\$20,000. ⁰⁰	
22	15	EA	237110	500-4.9	Service Lateral Connection Sealing	\$900. ⁰⁰	\$13,500. ⁰⁰	
23	1	LS	541330	701-13.9.5	Water Pollution Control Program Development	X	\$500. ⁰⁰	
24	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation	X	\$5,000. ⁰⁰	
ESTIMATED TOTAL BASE BID:							\$4,106,220.⁰⁰	\$4,102,020. ⁰⁰

BIDDING DOCUMENTS

TOTAL BID PRICE FOR BID (Items 1 through 24 inclusive) amount written in words:

Four Million One Hundred Six Thousand Two Hundred Twenty Dollars and zero cents

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: ^A _____

The names of all persons interested in the foregoing proposal as principals are as follows:

Justin Duchaineau-President

Robert Bolger- Secretary

IMPORTANT NOTICE: If Bidder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Bidder or other interested person is an individual, state first and last names in full.

Bidder: Southwest Pipeline & Trenchless Corp.

Title: President

Business Address: 22118 S. Vermont Ave., Torrance CA 90502

Place of Business: Torrance, CA

Place of Residence: Torrance, CA

Signature: *Justin Duchaineau*

BIDDING DOCUMENTS

NOTES:

- A. The City shall determine the low Bid based on the Base Bid alone.
- B. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- C. Failure to initial all corrections made in the bidding documents may cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- D. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- E. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- F. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- G. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- H. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also list below the portion of the work which will be done by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement shall result in the Bid being rejected as non-responsive and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder non-responsive.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Easyflow</u> Address: <u>13682 Lindamere Lane</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92128</u> Phone: <u>909.908.7300</u> Email: <u>adam@trenchlessrehab.com</u>	constructor	960845	Lateral Rehab/ Location/ Lining	1,303,920. ⁰⁰	ELBE	City	
Name: <u>Colich & Sons, L.P.</u> Address: <u>547 140th Street</u> City: <u>Gardena</u> State: <u>CA</u> Zip: <u>90248</u> Phone: <u>310.516.6346</u> Email: <u>dcolich@colich.com</u>	constructor	783522	open cut clean-outs partial	\$864,440. ⁰⁰	OBE		

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

*0.5286
C/O*

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

The Bidder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall list the Supplier(s) on the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for such materials and supplies unless vendor manufactures or substantially alters materials and supplies in which case 100% will be credited. The Bidder is to indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES (MUST BE FILLED OUT)	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE,SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

City of San Diego

CITY CONTACT: CLEMENTINA GIORDANO, Contract Specialist, Email: cgiordano@saniego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633



ADDENDUM "A"

FOR

Pipeline Rehab - Phase G-2 (Laterals)

BID NO.: K-15-5368-DBB-3
SAP NO. (WBS/IO/CC): B-11029
CLIENT DEPARTMENT: 2011
COUNCIL DISTRICT: CITYWIDE
PROJECT TYPE: JA

BID DUE DATE:

2:00 PM
SEPTEMBER 23, 2014
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101

A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the Contract Documents are hereby made effective as though originally issued with the bid package. Bidders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. VOLUME 1

1. To Cover Page, **DELETE** in its entirety and **SUBSTITUTE** with page 3 of this Addendum.

James Nagelvoort, Director
Public Works Department

Dated: *September 9, 2014*
San Diego, California

JN/BD/egz

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
CITY CONTACT: Clementina Giordano, Contract Specialist, Email: Cgiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
L. Nasrawi/B. Doringo/LJI

CONTRACT DOCUMENTS



FOR

Pipeline Rehab - Phase G-2 (Laterals)

VOLUME 1 OF 2

BID NO.: _____ **K-15-5368-DBB-3**
SAP NO. (WBS/IO/CC): _____ **B-11029**
CLIENT DEPARTMENT: _____ **2011**
COUNCIL DISTRICT: _____ **CITYWIDE**
PROJECT TYPE: _____ **JA**

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

BID DUE DATE:

**2:00 PM
SEPTEMBER 23, 2014
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101**