

City of San Diego

CONTRACTOR'S NAME: Burtech Pipeline Incorporated

ADDRESS: 1325 Pipeline Drive, Vista, CA 92081

TELEPHONE NO.: 760-634-2822

FAX NO.: _____

CITY CONTACT: Abel Martinez, Contract Specialist, Email: MartinezAbel@sandiego.gov

Phone No. (619) 533-5270

P. Melo Rodriguez / M. Jirjis Nakasha / N. Alkuree

BIDDING DOCUMENTS



FOR

RANCHO BERNARDO IMPROV 1

BID NO.: _____ **K-24-2254-DBB-3**

SAP NO. (WBS/IO/CC): _____ **B-23042**

CLIENT DEPARTMENT: _____ **2000**

COUNCIL DISTRICT: _____ **5**

PROJECT TYPE: _____ **JA**

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

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

THIS CONTRACT MAY BE SUBJECT TO THE FOLLOWING:

- PHASED-FUNDING

BID DUE DATE:

2:00 PM

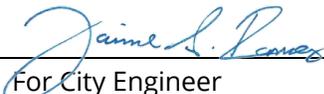
JANUARY 31, 2024

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

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

12/18/2023
Date

Seal:



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REQUIRED DOCUMENTS SCHEDULE DURING BIDDING AND AWARDING

The Bidder's attention is directed to the City's Municipal Code §22.0807(d)(2) for important information regarding grounds for debarment for failure to submit required documentation.

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	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
1.	Bid Bond (PDF via PlanetBids)	At Time of Bid	ALL BIDDERS
2.	Contractors Certification of Pending Actions	At Time of Bid	ALL BIDDERS
3.	Mandatory Disclosure of Business Interests	At Time of Bid	ALL BIDDERS
4.	Debarment and Suspension Certification for Prime Contractors	At Time of Bid	ALL BIDDERS
5.	Debarment and Suspension Certification for Subcontractors, Suppliers & Mfgs	At Time of Bid	ALL BIDDERS
6.	Bid Bond (Original)	By 5PM 1 working day after bid opening	ALL BIDDERS
7.	SLBE Good Faith Effort Documentation	By 5 PM 3 working days after bid opening	ALL BIDDERS
8.	Form AA60 – List of Work Made Available	By 5 PM 3 working days after bid opening with Good Faith Effort (GFE) documentation	ALL BIDDERS
9.	Phased Funding Schedule Agreement (when required)	Within 10 working days of the Notice of Intent to Award	AWARDED BIDDER
10.	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License 	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER
11.	Payment & Performance Bond: Certificates of Insurance & Endorsements	Within 10 working days of receipt by bidder of contract forms and NOI	AWARDED BIDDER

ITEM	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
12.	Signed Contract Agreement Page	Within 3 working days of receipt by bidder of Contract Agreement	AWARDED BIDDER
13.	Listing of "Other Than First Tier" Subcontractors	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER

NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Rancho Bernardo Improv 1**. For additional information refer to **Attachment A**.
2. **FULL AND OPEN COMPETITION:** This solicitation is subject to full and open competition and may be bid by Contractors on the City's approved Prequalified Contractors List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$3,710,000**.
4. **BID DUE DATE AND TIME ARE:** **January 31, 2024 at 2:00 PM**.
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** To be eligible for award of this contract, Prime contractor must possess the following licensing classifications: **A or [C-34 and C-42]**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
 - 7.1. 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	5.7%
2. ELBE participation	9.6%
3. Total mandatory participation	15.3%
 - 7.2. The current list of Certified SLBE/ELBE Firms to be used for outreach for this project is posted to the Documents tab on Planetbids.
 - 7.3. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
 - 7.3.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR
 - 7.3.2. Submit Good Faith Effort (GFE) documentation, saved in searchable Portable Document Format (PDF), demonstrating the Bidder made a good faith effort to conduct outreach to and include SLBE-ELBE Subcontractors as required in this solicitation by 5 PM 3 Working Days after the Bid opening if the overall mandatory participation percentage is not met.

All submittals in searchable PDF shall be submitted electronically within the prescribed time identified in the contract documents via PlanetBids by invitation to the point of contact named in the bid provided by the Contract Specialist to all bidders.

8. PRE-BID MEETING:

8.1. ENCOURAGED ONLINE PRE-BID MEETING:

Prospective Bidders are **Encouraged** to attend the Pre-Bid Meeting.

The Pre-Bid Meeting will be held on **Thursday, January 11, 2024**, at **10:00 AM** (PDT) at:

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 256 650 738 071

Passcode: 5iNjoq

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 945-468-5511,,288770994#](#) United States, Dallas

Phone Conference ID: 288 770 994#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

Please Note: You will need to join the meeting with a computer, tablet or smartphone with the **Microsoft Teams** in order to sign in via the Chat feature as attendance at the meeting will be evidenced by the Chat sign-in. The Chat feature will also be used for attendees to ask any questions.

The purpose of the meeting is to discuss the scope of the Project, submittal requirements, and any Equal Opportunity Contracting Program requirements and reporting procedures.

Upon entering the meeting, all attendees must use the chat feature to sign in with the following information: Name of firm, Attendee's name, Phone number and Email address.

9. AWARD PROCESS:

9.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions of Award as stated within these documents and within the Notice of Intent to Award.

9.2. Upon acceptance of bids and determination of the apparent low bidder, the City will prepare the contract documents for execution within approximately 21 days of the date of the bid opening. The City will then award the contract upon receipt of properly signed Contract, bonds, and insurance documents.

- 9.3. This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form by the City Attorney's Office.
- 9.4. The low Bid will be determined by the Base Bid.
- 9.5. Once the low Bid has been determined, the City may, at its sole discretion, award the contract for the Base Bid alone.

10. SUBMISSION OF QUESTIONS:

- 10.1. The Director (or Designee) of the Purchasing & Contracting 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. Any questions related to this solicitation shall be submitted to:

MartinezAbel@sandiego.gov

- 10.2. Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 10.3. Questions or clarifications deemed by the City to be material shall be answered via issuance of an addendum and posted to the City's online bidding service.
- 10.4. Only questions answered by formal written addenda shall be binding. Oral and other interpretations or clarifications shall be without legal effect. It is the Bidder's responsibility to be informed of any addenda that have been issued and to include all such information in its Bid.

- 11. **PHASED FUNDING:** This contract may be subject to phased funding, for Conditions, see Attachment B.

INSTRUCTIONS TO BIDDERS

1. PREQUALIFICATION OF CONTRACTORS:

- 1.1. Contractors submitting a Bid must be pre-qualified for the total amount proposed, including 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 may be deemed **non-responsive** and ineligible for award.
- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening.
- 1.3. **Joint Venture Bidders Cumulative Maximum Bidding Capacity:** For projects with an engineer's estimate of \$30,000,000 or greater, Joint Ventures submitting bids may be deemed responsive and eligible for award if the cumulative maximum bidding capacity of the individual Joint Venture entities is equal to or greater than the total amount proposed.
 - 1.3.1. Each of the entities of the Joint Venture must have been previously prequalified at a minimum of \$15,000,000.
 - 1.3.2. Bids submitted with a total amount proposed of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification. To be eligible for award in this scenario, the Joint Venture itself or at least one of the Joint Venture entities must have been prequalified for the total amount proposed.
 - 1.3.3. Bids submitted by Joint Ventures with a total amount proposed of \$30,000,000 or greater on a project with an engineer's estimate of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification.
 - 1.3.4. The Joint Venture designated as the Apparent Low Bidder shall provide evidence of its corporate existence and furnish good and approved bonds in the name of the Joint Venture within 14 Calendar Days of receipt by the Bidder of a form of contract for execution.
- 1.4. Complete information and links to the on-line prequalification application are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification>
- 1.5. Due to the City's responsibility to protect the confidentiality of the contractors' information, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids.™](#)

2. **ELECTRONIC FORMAT RECEIPT AND OPENING OF BIDS:** Bids will be received in electronic format (eBids) EXCLUSIVELY at the City of San Diego's electronic bidding (eBidding) site, at: <http://www.sandiego.gov/cip/bidopps/index.shtml> and are due by the date, and time shown on the cover of this solicitation.
- 2.1. **BIDDERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit an electronic bid.
- 2.2. The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.
- 2.3. The City's electronic bidding system is responsible for bid tabulations. Upon the bidder's or proposer's entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 2.4. **BIDS REMAIN SEALED UNTIL BID DEADLINE.** eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the "Bid Due Date and Time" are not available for review by anyone other than the submitter who has until the "Bid Due Date and Time" to change, rescind or retrieve its proposal should it desire to do so.
- 2.5. **BIDS MUST BE SUBMITTED BY BID DUE DATE AND TIME.** Once the bid deadline is reached, no further submissions are accepted into the system. Once the Bid Due Date and Time has lapsed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, EOCB compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.
- 2.6. **RECAPITULATION OF THE WORK.** Bids shall not contain any recapitulation of the Work. Conditional Bids may be rejected as being non-responsive. Alternative proposals will not be considered unless called for.

2.7. BIDS MAY BE WITHDRAWN by the Bidder only up to the bid due date and time.

2.7.1. Important Note: Submission of the electronic bid into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the bidder's submission to upload and be received by the City's eBidding system. It is the bidder's sole responsibility to ensure their bids are received on time by the City's eBidding system. The City of San Diego is not responsible for bids that do not arrive by the required date and time.

2.8. ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE: To request a copy of this solicitation in an alternative format, contact the Purchasing & Contracting Department, Public Works Division Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the Bid/Proposal due date to ensure availability.

3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT:

3.1. The bidder, by submitting its electronic bid, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.

3.2. By submitting an electronic bid, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of the plans and specifications, drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its bid proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents, including any addenda issued thereto, and incorporated by reference in the Contract Documents.

3.3. The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this bid are true and correct.

3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days from the date of Bid opening. 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.

4. 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.

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

5.1. **Prior** to the Award of the Contract or Task Order, you and your Subcontractors and Suppliers must register with the City’s web-based vendor registration and bid management system. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg>

5.2. 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

6. JOINT VENTURE CONTRACTORS: Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 14 Calendar Days after receiving the Contract forms.

7. INSURANCE REQUIREMENTS:

7.1. 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.

7.2. Refer to sections 5-4, “INSURANCE” of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

8. 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”) http://www.greenbookspecs.org/	2021	ECPI010122-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)* https://www.sandiego.gov/ecp/edocref/greenbook	2021	ECPI010122-02
City of San Diego Standard Drawings* https://www.sandiego.gov/ecp/edocref/standarddraw	2021	ECPI010122-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/ecp/edocref/drawings	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications https://dot.ca.gov/programs/design/july-2023-ccs-standard-plans-and-standard-specifications	2023	ECPD092023-05

Title	Edition	Document Number
CALTRANS Standard Plans https://dot.ca.gov/programs/design/july-2023-ccs-standard-plans-and-standard-specifications	2023	ECPD092023-06
California Manual on Uniform Traffic Control Devices Revision 7 (CA MUTCD Rev 7) https://dot.ca.gov/programs/safety-programs/camutcd	2014	ECPD081023-07
NOTE: *Available online under Engineering Documents and References at: https://www.sandiego.gov/ecp/edocref/ *Electronic updates to the Standard Drawings may also be found in the link above		

9. **CITY'S RESPONSES AND ADDENDA:** The City, at its discretion, may respond to any or all questions submitted in writing via the City's eBidding web site in the **form of an addendum**. No other responses to questions, oral or written shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addenda are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.
10. **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.
11. **CONTRACT PRICING:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.
12. **SUBCONTRACTOR INFORMATION:**
- 12.1. **LISTING OF SUBCONTRACTORS.** In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Bidder shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who 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 state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall state the **DIR REGISTRATION NUMBER** for all subcontractors and shall further state within the description, the **PORTRION** of the work which will be performed 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 may result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions – Section 3-2, "Self-Performance", 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 for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder shall provide the name, address, license number, DIR registration number of any Subcontractor – regardless of tier** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract.

12.2. LISTING OF SUPPLIERS. Any Bidder seeking the recognition of Suppliers of equipment, materials, or supplies obtained from third party Suppliers towards achieving any mandatory or voluntary (or both) subcontracting participation goals shall provide, at a minimum, the **NAME, LOCATION (CITY), DIR REGISTRATION NUMBER** and the **DOLLAR VALUE** of each supplier. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for materials and supplies unless vendor manufactures or substantially alters materials and supplies, in which case, 100% will be credited. The Bidder is to indicate within the description whether the listed firm is a supplier or manufacturer. If no indication is provided, the listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage.

12.3. LISTING OF SUBCONTRACTORS OR SUPPLIERS FOR ALTERNATES. For subcontractors or suppliers to be used on alternate items, bidder shall use the provided **"Subcontractors For Alternates"** form and shall indicate for each alternate subcontract whether it is an additive or deductive alternate; the subcontractor's name, location, phone number, email address, CA license number, and DIR registration number; whether the subcontractor is a designer, constructor or supplier; the type of work the subcontractor will be performing; and the dollar value of the subcontract for that alternate item. Failure to comply with this requirement may result in the bid being rejected as nonresponsive and ineligible for award.

13. SUBMITTAL OF "OR EQUAL" ITEMS: See Section 4-6, "Trade Names" in The WHITEBOOK and as amended in the SSP.

14. AWARD:

14.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.

- 14.2.** 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.
- 14.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
- 15. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 3-2, "SELF-PERFORMANCE" 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.
- 16. 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 Purchasing & Contracting Department, Public Works Division.
- 17. ONLY ONE BID PER CONTRACTOR SHALL BE ACCEPTED:** 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.
- 18. 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 within these documents.
- 19. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY) FOR DESIGN-BID-BUILD CONTRACTS:**
- 19.1.** For bids \$250,000 and above, bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% of the total bid amount.
- 19.2.** This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.
- 19.3.** The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.

- 19.4. At the time of bid submission, bidders must upload and submit an electronic PDF copy of the aforementioned bid security. Whether in the form of a cashier's check, a properly certified check or an approved corporate surety bond payable to the City of San Diego, the bid security must be uploaded to the City's eBidding system. By 5PM, 1 working day after the bid opening date, all bidders must provide the City with the original bid security.
- 19.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original by 5PM, 1 working day after the bid opening date shall cause the bid to be rejected and deemed **non-responsive**.

Original Bid Bond shall be submitted to:

Purchasing & Contracting Department, Public Works Division
1200 3rd Ave., Suite 200, MS 56P
San Diego, California, 92101

To the Attention of the Contract Specialist on the Front Page of this solicitation.

20. **AWARD OF CONTRACT OR REJECTION OF BIDS:**

- 20.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 20.2. Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 20.3. The City reserves the right to reject any or all Bids, to waive any informality or technicality in Bids received, and to waive any requirements of these specifications as to bidding procedure.
- 20.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City within 3 Working Days of the bid opening, written notice from the Bidder which shows proof of honest, credible, clerical error of a material nature, free from fraud or fraudulent intent; and of evidence that reasonable care was observed in the preparation of the Bid.
- 20.5. A bidder who is not selected for contract award may protest the award of a contract to another bidder by submitting a written protest in accordance with the San Diego Municipal Code.
- 20.6. The City of San Diego will not discriminate in the award of contracts with regard to race, religion creed, color, national origin, ancestry, physical handicap, marital status, sex or age.
- 20.7. Each Bid package properly signed as required by these specifications shall constitute a firm offer which may be accepted by the City within the time specified herein.
- 20.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of the base bid and any proposed alternates or options as detailed herein.

21. **BID RESULTS:**

- 21.1. The availability of the bids on the City's eBidding system 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 notation of such will be

made on the eBidding system. The new ranking and apparent low bidder will be adjusted accordingly.

- 21.2.** To obtain the bid results, view the results on the City's web site, or request the results by U.S. mail and provide a self-addressed, stamped envelope. If requesting by mail, be sure to reference the bid name and number. The bid tabulations will be mailed to you upon their completion. The results will not be given over the telephone.

22. THE CONTRACT:

- 22.1.** 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.

- 22.2.** 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.

- 22.3.** 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.

- 22.4.** 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.

- 22.5.** 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 and approval as to form by the City Attorney's Office. 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.

- 23. 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 3-9, "TECHNICAL STUDIES AND SUBSURFACE DATA", 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.

24. CITY STANDARD PROVISIONS: This contract is subject to the following standard provisions. See The WHITEBOOK for details.

- 24.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 24.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 24.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 24.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 24.5.** 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.
- 24.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 24.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

25. PRE-AWARD ACTIVITIES:

- 25.1.** The contractor selected by the City to execute a contract for this Work shall submit the required documentation as specified herein and in the Notice of Intent to Award. Failure to provide the information as specified may result in the Bid being rejected as **non-responsive**.
- 25.2.** The decision that bid is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

CONTRACT: FIVE MILLION TWO HUNDRED NINETY THREE THOUSAND SIX HUNDRED FORTY EIGHT AND 50/100 DOLLARS
PROJECT: RANCHO BERNARDO IMPROV 1; K-24-2254-DBB-3

DUPLICATE ORIGINAL
BOND NO. 7901170341
PREMIUM: \$31,921.00
PREMIUM IS FOR CONTRACT TERM
AND IS SUBJECT TO ADJUSTMENT
BASED ON FINAL CONTRACT PRICE

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Burtech Pipeline Incorporated, a corporation, as principal, and NATIONWIDE 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 **FIVE MILLION TWO HUNDRED NINE THREE THOUSAND SIX HUNDRED FORTY EIGHT DOLLARS AND FIFTY CENTS (\$5,293,648.50)** for the faithful performance of the annexed contract, and in the sum of **FIVE MILLION TWO HUNDRED NINE THREE THOUSAND SIX HUNDRED FORTY EIGHT DOLLARS AND FIFTY CENTS (\$5,293,648.50)** for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract with the City of 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 Article 2. Claimants, (iii) public works of improvement commencing with Civil Code Section 9100 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.

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

The Surety expressly agrees that the City of San Diego may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal.

The Surety shall not utilize the Principal in completing the improvements and work specified in the Agreement in the event the City terminates the Principal for default.

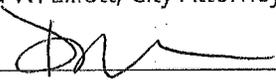
PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND (continued)

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Mara W. Elliott, City Attorney

By: Beric Doringo

By: 

Print Name: Beric Doringo
Deputy Director
Purchasing & Contracting Department

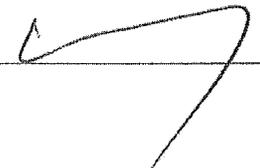
Print Name: Bonny Hsu
Deputy City Attorney

Date: April 26, 2024

Date: 5/2/24

BURTECH PIPELINE, INCORPORATED
CONTRACTOR

NATIONWIDE MUTUAL INSURANCE COMPANY
SURETY

By: 

By: 
Attorney-In-Fact

Print Name: DOMINIC J. BURTECH, JR., PRESIDENT

Print Name: MARK D. IATAROLA, ATTORNEY-IN-FACT

Date: 4/19/2024

Date: APRIL 18, 2024

500 NORTH BRAND BOULEVARD, SUITE 2000
GLENDALE, CA 91203

Local Address of Surety

949/606-3819

Local Phone Number of Surety

\$31,921.00 PREMIUM IS FOR CONTRACT TERM
AND IS SUBJECT TO ADJUSTMENT
BASED ON FINAL CONTRACT PRICE

Premium

7901170341

Bond Number

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of San Diego)

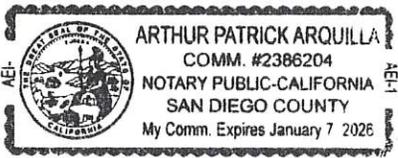
On 4/19/2024 before me, Arthur Patrick Arquilla, Notary Public
Date Here Insert Name and Title of the Officer

Personally appeared Dominic Butsch
Name(s) of Signer(s)

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.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document _____ Document Date _____

Number of Pages _____ Signer(s) Other Than Named Above _____

Capacity(ies) Claimed by Signer(s)

- Signer's Name _____
- Corporate Officer—Title(s) _____
- Partner Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other _____

- Signer's Name _____
- Corporate Officer—Title(s) _____
- Partner Limited General
- Individual Attorney in Fact
- Trustee Guardian or Conservator
- Other _____

Signer Is Representing _____

Signer Is Representing _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of SAN DIEGO }

On 4/18/2024 before me, TRACY RODRIGUEZ, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

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.



Signature Tracy Rodriguez
Signature of Notary Public

Place Notary Seal and/or Stamp Above

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

Corporate Officer – Title(s): _____

Partner – Limited General

Individual Attorney in Fact

Trustee Guardian of Conservator

Other: _____

Signer is Representing: _____

Signer's Name: _____

Corporate Officer – Title(s): _____

Partner – Limited General

Individual Attorney in Fact

Trustee Guardian of Conservator

Other: _____

Signer is Representing: _____

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:

HELEN MALONEY; JOHN G MALONEY; MARK D IATAROLA; SANDRA FIGUEROA; TRACY LYNN RODRIGUEZ;

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.

[Handwritten signature of Antonio C. Albanese]

Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF NEW YORK: ss

On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Stephanie Rubino McArthur
Notary Public, State of New York
No. 02MC6270117
Qualified in New York County
Commission Expires October 19, 2024

[Handwritten signature of Stephanie Rubino McArthur]

Notary Public
My Commission Expires
October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 18TH day of

APRIL 2024

[Handwritten signature of Laura B. Guy]

Assistant Secretary

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** This project consist of the installation of approximately 410 LF of 8-Inch PVC Sewer Main and the Trenchless Rehabilitation of approximately 22,743 (4.31 Miles) of existing 8-Inch Sewer Mains, including the Associated Sewer Laterals (approximately 484) from the Sewer Main to the property line. Furthermore, this project will Rehabilitate approximately 102 Manholes, perform 11 external point repairs, replace 3 existing Manholes, install 2 new Manholes, Install 29 new Cleanouts, and several Sewer Lateral cleanouts as needed to complete the Lateral lining work.
 - 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids, **Appendix J - Schematic Design Package** and As-Builts Plans, inclusive.

Refer to the As-Builts Plans provided in the following link:
<https://drive.google.com/drive/folders/1TRDvxj7JHSd6UtbsDS-O4ZRqMvKdGiol>
2. **LOCATION OF WORK:** The location of the Work is as follows:

See **Appendix E - Location Map**
3. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **315 Working Days**.

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PRE-AWARD

1.1. Within 10 Working Days of the Notice of Intent to Award, the Contractor must contact the Project Manager to discuss fund availability for each phase and shall also submit the following:

1.1.1. Construction Cost Loaded Schedule in accordance with 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK" and 7-3, "PAYMENT."

1.2. Contractor's failure to perform any of the following may result cancelling the award of the Contract:

1.2.1. Meeting with the City's Project Manager to discuss the Phased Funding Schedule.

1.2.2. Agreeing to a Phased Funding Schedule within **thirty** days of meeting with the City's Project Manager.

2. POST-AWARD

2.1. Do not start any construction activities for the next phase until the Notice to Proceed (NTP) has been issued by the City. The City will issue a separate NTP for each phase.

2.2. The City may issue the NTP for a subsequent phase before the completion of the preceding phase.

PHASED FUNDING SCHEDULE AGREEMENT

BID NUMBER: K-24-2254-DBB-3 _____

CONTRACT OR TASK TITLE: RANCHO BERNARDO IMPROV 1 _____

CONTRACTOR: Burtech Pipeline Incorporated _____

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1	Work to be completed in Phase 1 shall include Bonds, Mobilization, videotaping of conditions, pipeline rehabilitation of 15.153 linear feet (2.0 miles - minimum) of sewer mains and related appurtenances.	NTP	2/28/2025	\$2,470,369.30 (Sewer) Phase 1 Total = \$2,470,369.30
2	Work to be completed in Phase 2 shall include rehabilitation of the remaining sewer mains along with the construction activities associated with this contract and speculations.	3/1/2025	Notice of Completion (NOC)	\$2,823,279.20 (Sewer) Phase 2 Total = \$2,823,279.20
Contract Total	Ph 1 = \$2,470,369.30 Ph 2 = \$2,823,279.20 Total = \$5,293,648.50			

Notes:

- 1) WHITEBOOK section 7-3.10, "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 written modifications to the CONTRACT.

CITY OF SAN DIEGO

CONTRACTOR

PRINT NAME: Nabil Batta
Construction Senior Engineer

PRINT NAME: DOMINIC BURTECH

Signature: 

Title: PRESIDENT & CEO

Date: 3/11/2024

Signature: 

Date: 03/07/2024

PRINT NAME: Jaime A. Ramos
Design Senior Engineer

Signature: 

Date: 03/11/2024

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION A - GENERAL REQUIREMENTS

A. INTRODUCTION.

1. This document sets forth the following specifications:
 - a) The City's general EOCP requirements for all Construction Contracts.
 - b) Special Provisions for Contracts subject to SLBE and ELBE requirements only.
2. Additional requirements may apply for state or federally funded projects.
3. These requirements shall be included as Contract provisions for all Subcontracts.
4. The City specified forms, instructions, and guides are available for download from the EOCP's web site at: <https://www.sandiego.gov/eoc/forms>

B. GENERAL.

1. The City of San Diego promotes equal employment and subcontracting opportunities.
2. The City is committed to ensuring that taxpayer dollars spent on public Contracts are not paid to businesses that practice discrimination in employment or subcontracting.
3. The City encourages all companies seeking to do business with the City to share this commitment.

C. DEFINITIONS.

1. For the purpose of these requirements: Terms "Bid" and "Proposal", "Bidder" and "Proposer", "Subcontractor" and "Subconsultant", "Contractor" and "Consultant", "Contractor" and "Prime Contractor", "Consultant" and "Professional Service Provider", "Suppliers" and "Vendors", "Suppliers" and "Dealers", and "Suppliers" and "Manufacturers" may have been used interchangeably.
2. The following definitions apply:
 - a) **Emerging Business Enterprise (EBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for EBEs on an annual basis and adjust as necessary to reflect changes in the marketplace.
 - b) **Emerging Local Business Enterprise (ELBE)** - A Local Business Enterprise that is also an Emerging Business Enterprise.

- c) **Minority Business Enterprise (MBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more minority individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more minorities owners. Minorities include the groups with the following ethnic origins: African, Asian Pacific, Asian Subcontinent, Hispanic, Native Alaskan, Native American, and Native Hawaiian.
- d) **Women Business Enterprise (WBE)** - A certified business that is at least fifty-one percent (51%) owned by a woman or women, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more women; and (2) whose daily business operations are managed and directed by one or more women owners.
- e) **Disadvantaged Business Enterprise (DBE)** - a certified business that is at least fifty-one percent (51%) owned by socially and economically disadvantaged individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more socially and economically disadvantaged individuals; and (2) whose daily business operations are managed and directed by one or more socially and economically disadvantaged owners.
- f) **Disabled Veteran Business Enterprise (DVBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more disabled veterans; and (2) business operations must be managed and controlled by one or more disabled veterans. Disabled Veteran is a veteran of the U.S. military, naval, or air service; the veteran must have a service-connected disability of at least 10% or more; and the veteran must reside in California.
- g) **Other Business Enterprise (OBE)** - Any business which does not otherwise qualify as a Minority, Woman, Disadvantaged, or Disabled Veteran Business Enterprise.
- h) **Small Business Enterprise (SBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for SBEs on an annual basis and adjust as necessary to reflect changes in the marketplace. A business certified as a Micro Business (MB) or a Disabled Veteran Business Enterprise (DVBE) by the State of California and that has provided proof of such certification to the City Manager shall be deemed to be an SBE.

- i) **Small Local Business Enterprise (SLBE)** - A Local Business Enterprise that is also a Small Business Enterprise.

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

- a) You, your Subcontractors, and Suppliers shall comply with the requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

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

You shall include the foregoing clause in all Contracts between you and your Subcontractors and Suppliers.

- b) **Disclosure of Discrimination Complaints.** As part of its Bid or Proposal, you shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against you in a legal or administrative proceeding alleging that you discriminated against your employees, Subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.
- c) Upon the City's request, You agree to provide to the City, within 60 Calendar Days, a truthful and complete list of the names of all Subcontractors and Suppliers that you have used in the past 5 years on any of your Contracts that were undertaken within the San Diego County, including the total dollar amount paid by you for each Subcontract or supply Contract.
- d) You further agree 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. You understand and agree that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against you up to and including contract termination, debarment, and other sanctions for the violation of the provisions of the Nondiscrimination in Contracting Ordinance. You further understand and agree 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. You, your Subcontractors, and Suppliers shall comply with the City's Equal Employment Opportunity Outreach Program, San Diego Municipal Code §§22.2701 through 22.2707.

You shall not discriminate against any employee or applicant for employment on any basis prohibited by law. You shall provide equal opportunity in all employment practices. You shall ensure that your Subcontractors comply with this program. Nothing in this section shall be interpreted to hold you liable for any discriminatory practices of your Subcontractors.

You shall include the foregoing clause in all Contracts between you and your 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 to the City for approval as specified in the Notice of Intent to Award letter.
3. The selected Bidder shall submit an Equal Employment Opportunity Plan if a Work Force Report is submitted and if the City determines that there are under-representations when compared to County Labor Force Availability data.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 - a) You shall maintain a working environment free of discrimination, harassment, intimidation, and coercion at all Sites and in all facilities at which your employees are assigned to Work.
 - b) You shall review your EEO Policy annually with all on-Site supervisors involved in employment decisions.
 - c) You shall disseminate and review your EEO Policy with all employees at least once a year, post the policy statement and EEO posters on all company bulletin boards and job sites, and document every dissemination, review, and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
 - d) You shall review, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintain written documentation of these reviews.
 - e) You shall discuss your EEO Policy Statement with Subcontractors with whom you anticipate doing business, including the EEO Policy Statement in your Subcontracts, and provide such documentation to the City upon request.

- f) You shall document and maintain a record of all Bid solicitations and outreach efforts to and from Subcontractors, contractor associations, and other business associations.
- g) You shall disseminate your EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit. Maintain files documenting these efforts and provide copies of these advertisements to the City upon request.
- h) You shall disseminate your EEO Policy to union and community organizations.
- i) You shall provide immediate written notification to the City when any union referral process has impeded your efforts to maintain your EEO Policy.
- j) You shall maintain a current list of recruitment sources, including those outreaching to people of color and women, and provide written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
- k) You shall maintain 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.
- l) You shall encourage all present employees, including people of color and women employees, to recruit others.
- m) You shall maintain all employment selection process information with records of all tests and other selection criteria.
- n) You shall develop and maintain documentation for on-the-job training opportunities, participate in training programs, or both for all of your employees, including people of color and women, and establish apprenticeship, trainee, and upgrade programs relevant to your employment needs.
- o) You shall conduct, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourage all employees to seek and prepare appropriately for such opportunities.
- p) You shall ensure that 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.

F. SUBCONTRACTING.

1. The City encourages all eligible business enterprises to participate in City contracts as a Contractor, Subcontractor, and joint venture partner with you, your Subcontractors, or your Suppliers. You are encouraged to take positive steps to diversify and expand your Subcontractor solicitation base and to offer

subcontracting opportunities to all eligible business firms including SLBEs, ELBEs, MBEs, WBEs, DBEs, DVBES, and OBEs.

2. For Subcontractor participation level requirements, see the Contract Documents where applicable.
3. For the purposes of achieving the mandatory Subcontractor participation percentages, City percentage calculations will not account for the following:
 - a) "Field Orders" and "City Contingency" Bid items.
 - b) Alternate Bid items.
 - c) Allowance Bid items designated as "EOC Type II".
4. Allowance Bid items designated as "EOC Type I" will be considered as part of the Base Bid and will be included in the percentage calculation.
5. Each joint venture partner shall be responsible for a clearly defined Scope of Work. In addition, an agreement shall be submitted and signed by all parties identifying the extent to which each joint venture partner shares in ownership, control, management, risk, and profits of the joint venture.

G. LISTS OF SUBCONTRACTORS AND SUPPLIERS.

1. You shall comply with the Subletting and Subcontracting Fair Practices Act, Public Contract Code §§4100 through 4113, inclusive.
2. You shall list all Subcontractors who will receive more than 0.5% of the total Bid amount or \$10,000, whichever is greater on the form provided in the Contract Documents (Subcontractors list).
3. The Subcontractors list shall include the Subcontractor's name, telephone number including area code, physical address, Scope of Work, the dollar amount of the proposed Subcontract, the California contractor license number, the Public Works contractor registration number issued pursuant to Section 1725.5 of the Labor Code, and the Subcontractor's certification status with the name of the certifying agency.
4. The listed Subcontractor shall be appropriately licensed pursuant to Contractor License Laws.
5. For Design-Build Contracts, refer to the RFQ and RFP for each Project or Task Order.

H. SUBCONTRACTOR AND SUPPLIER SUBSTITUTIONS.

1. Listed Subcontractors and Suppliers shall not be substituted without the Express authorization of the City or its duly authorized agent.
2. Request for Subcontractor or Supplier substitution shall be made in writing to Purchasing & Contracting Department, Public Works Division, Attention Contract Specialist, 1200 3rd Ave., Suite 200, MS 56P, San Diego, CA 92101 with a copy to the Engineer.

3. The request shall include a thorough explanation of the reason(s) for the substitution, including dollar amounts and a letter from each substituted Subcontractor or Supplier stating that they (the Subcontractors or Suppliers) release all interest in working on the Project and written confirmation from the new Subcontractor or Supplier stating that they agree to work on the Project along with the dollar value of the Work to be performed.
4. Written approval of the substitution request shall be received by you or from the City or its authorized officer prior to any unlisted Subcontractor or Supplier performing Work on the Project.
5. Substitution of Subcontractors and Suppliers without authorization shall subject you to those penalties set forth in Public Contract Code §4110.
6. Requests for Supplier substitution shall be made in writing at least 10 Days prior to the provision of materials, supplies, or services by the proposed Supplier and shall include proof of written notice to the originally listed Supplier of the proposed substitution.
7. A Contractor whose Bid is accepted shall not:
 - a) Substitute a person as Subcontractor or Supplier in place of the Subcontractor or Supplier listed in the original bid, except that the City, or its duly authorized officer, may consent to the substitution of another person as a Subcontractor or Supplier in any of the following situations:
 - i. When the Subcontractor or Supplier listed in the Bid, after having a reasonable opportunity to do so, fails or refuses to execute a written Contract for the scope of work specified in the subcontractor's bid and at the price specified in the subcontractor's bid, when that written contract, based upon the general terms, conditions, plans, and specifications for the project involved or the terms of the subcontractor's written bid, is presented to the subcontractor by the prime contractor.
 - ii. When the listed Subcontractor or Supplier becomes insolvent or the subject of an order for relief in bankruptcy.
 - iii. When the listed Subcontractor or Supplier fails or refuses to perform his or her subcontract.
 - iv. When the listed Subcontractor fails or refuses to meet bond requirements as set forth in Public Contract Code §4108.
 - v. When you demonstrate to the City or its duly authorized officer, subject to the provisions set forth in Public Contract Code §4107.5, that the name of the Subcontractor was listed as the result of an inadvertent clerical error.
 - vi. When the listed Subcontractor is not licensed pursuant to Contractor License Law.

- vii. When the City, or its duly authorized officer, determines that the Work performed by the listed Subcontractor or that the materials or supplies provided by the listed Supplier are substantially unsatisfactory and not in substantial accordance with the Plans and specifications or that the Subcontractor or Supplier is substantially delaying or disrupting the progress of the Work.
 - viii. When the listed Subcontractor is ineligible to work on a public works project pursuant to §§1777.1 or 1777.7 of the Labor Code.
 - ix. When the City or its duly authorized agent determines that the listed Subcontractor is not a responsible contractor.
- b) Permit a Contract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original Subcontractor, Supplier listed in the original Bid without the consent of the City, or its duly authorized officer.
 - c) Other than in the performance of "Change Orders" causing changes or deviations from the Contract, sublet or subcontract any portion of the Work, or contract for materials or supplies in excess of 0.5% of your total bid or \$10,000, whichever is greater, as to which his or her original Bid did not designate a Subcontractor or Supplier.
8. Following receipt of notice from you of the proposed substitution of a Subcontractor or Supplier, the listed Subcontractor or Supplier who has been so notified shall have 5 Working Days within which to submit written objections to the substitution to the Contract Specialist with a copy to the Engineer. Failure to file these written objections shall constitute the listed Subcontractor or Supplier's consent to the substitution. If written objections are filed, the City shall give notice in writing of at least 5 Working Days to the listed Subcontractor or Supplier of a hearing by the City on your request for substitution.

I. PROMPT PAYMENT.

- 1. You or your Subcontractors shall pay to any subcontractor, not later than 7 Calendar Days of receipt of each progress payment, unless otherwise agreed to in writing, the respective amounts allowed you on account of the Work performed by the Subcontractors, to the extent of each Subcontractor's interest therein. In cases of Subcontractor performance deficiencies, you shall make written notice of any withholding to the Subcontractor with a copy to the Contracts Specialist. Upon correction of the deficiency, you shall pay the Subcontractor the amount previously withheld within 14 Calendar Days after payment by the City.
- 2. Any violation of California Business and Professions Code, §7108.5 concerning prompt payment to Subcontractors shall subject the violating Contractor or

Subcontractor to the penalties, sanctions, and other remedies of that section. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by the Prime Contractor, deficient subcontract performance, or noncompliance by a Subcontractor.

J. PROMPT PAYMENT OF FUNDS WITHHELD TO SUBCONTRACTORS.

1. The City will hold retention from you and will make prompt and regular incremental acceptances of portions, as determined by the Engineer, of the Work and pay retention to you based on these acceptances.
2. You or your Subcontractors shall return all monies withheld in retention from a Subcontractor within 30 Calendar Days after receiving payment for Work satisfactorily completed and accepted including incremental acceptances of portions of the Work by the City.
3. Federal law (49CFR26.29) requires that any delay or postponement of payment over 30 Calendar Days may take place only for good cause and with the City's prior written approval. Any violation of this provision by you or your Subcontractor shall subject you or your Subcontractor to the penalties, sanctions, and other remedies specified in §7108.5 of the Business and Professions Code.
4. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by you, deficient subcontract performance, or noncompliance by a Subcontractor.

K. CERTIFICATION.

1. The City accepts certifications of DBE, DVBE, MBE, SMBE, SWBE, or WBE by any of the following certifying agencies:
 - a) Current certification by the State of California Department of Transportation (CALTRANS) as DBE, SMBE, or SWBE.
 - b) Current MBE, WBE, or DVBE certification from the California Public Utilities Commission.
 - c) DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
 - d) Current certification by the City of Los Angeles as DBE, WBE, or MBE.
 - e) Subcontractors' valid proof of certification status (copies of MBE, WBE, DBE, or DVBE certifications) shall be submitted as required.

L. CONTRACT RECORDS AND REPORTS.

1. You shall maintain records of all subcontracts and invoices from your Subcontractors and Suppliers for work on this project. Records shall show

name, telephone number including area code, and business address of each Subcontractor, Supplier, and joint venture partner, and the total amount actually paid to each firm. Project relevant records, regardless of tier, may be periodically reviewed by the City.

2. You shall retain all records, books, papers, and documents pertinent to the Contract for a period of not less than 5 years after Notice of Completion and allow access to said records by the City's authorized representatives.
3. You shall submit the following reports using the City's web-based contract compliance (Prism® portal):
 - a. **Monthly Payment.** You shall submit Monthly Payment Reporting by the 10th day of the subsequent month. Incomplete and/or delinquent reporting may cause payment delays, non-payment of invoices, or both.
4. The records maintained under item 1, described above, shall be consolidated into a Final Summary Report, certified as correct by an authorized representative of the Contractor. The Final Summary Report shall include all subcontracting activities and be sent to the EOCP Program Manager prior to Acceptance. Failure to comply may result in assessment of liquidated damages or withholding of retention. The City will review and verify 100% of subcontract participation reported in the Final Summary Report prior to approval and release of final retention to you. In the event your Subcontractors are owed money for completed Work, the City may authorize payment to subcontractor via a joint check from the withheld retention.

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION B - SLBE-ELBE SUBCONTRACTING REQUIREMENTS

THESE SPECIAL PROVISIONS SUPPLEMENT THE POLICIES AND REQUIREMENTS ESTABLISHED BY THE CITY OF SAN DIEGO EQUAL OPPORTUNITY CONTRACTING PROGRAM SPECIFIED IN THE CITY'S GENERAL EOCP REQUIREMENTS.

A. GENERAL.

1. It is the City's policy to encourage greater availability, capacity development, and contract participation by SLBE and ELBE firms in City contracts. This policy is, in part, intended to further the City's compelling interest to stimulate economic development through the support and empowerment of the local community, ensure that it is neither an active nor passive participant in marketplace discrimination, and promote equal opportunity for all segments of the contracting community.
2. The City is committed to maximizing subcontracting opportunities for all qualified and available firms.
3. This policy applies to City-funded construction contracts. Bidders shall be fully informed of this policy as set forth in these specifications. Mandatory or voluntary subcontracting percentages, Bid Discounts, and restricted competitions are specified in the Contract Documents.
4. You shall make subcontracting opportunities available to a broad base of qualified Subcontractors and shall achieve the minimum SLBE-ELBE Subcontractor participation identified for your project.
5. Failure to subcontract the specified minimum (mandatory) percentages of the Bid to qualified available SLBE-ELBE Subcontractors will cause a Bid to be rejected as non-responsive unless the Bidder has demonstrated compliance with the affirmative steps as specified in the City's document titled "Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL" and has submitted documentation showing that all required positive efforts were made prior to the Bid submittal due date. The required Good Faith Effort (GFE) documentation shall be submitted to the Contract Specialist. The instructions for completing the good faith effort submittal can be found on the City's website:
<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbegfeinst.pdf>
6. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<https://www.sandiego.gov/eoc/programs/slbe>
7. These requirements may be waived, at the City's sole discretion, on projects deemed inappropriate for subcontracting participation.

B.

DEFINITIONS.

1. The following definitions shall be used in conjunction with these specifications:

- a) **Bid Discount** – Additional inducements or enhancements in the bidding process that are designed to increase the chances for the selection of SLBE firms in competition with other firms.
- b) **Commercially Useful Function** – An SLBE-ELBE performs a commercially useful function when it is responsible for the execution of the Work and is carrying out its responsibilities by actually performing, managing, and supervising the Work involved. To perform a commercially useful function, the SLBE-ELBE shall also be responsible, with respect to materials and supplies used on the Contract, for negotiating price, determining quantity and quality, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether an SLBE-ELBE is performing a commercially useful function, an evaluation will be performed of the amount of Work subcontracted, normal industry practices, whether the amount the SLBE-ELBE firm is to be paid under the contract is commensurate with the Work it is actually performing and the SLBE-ELBE credit claimed for its performance of the Work, and other relevant factors. Specifically, an SLBE-ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE-ELBE participation, when in similar transactions in which SLBE-ELBE firms do not participate, there is no such role performed.

- c) **Good Faith Efforts (GFE)** – Documentation of the Bidder's intent to comply with SLBE Program goals and procedures included in the City's SLBE Program, Instructions for Completing Good Faith Effort Submittal available from the City's EOCP website or the Contract Specialist.
- d) **Independently Owned, Managed, and Operated** – Ownership of a SLBE-ELBE firm shall be direct, independent, and by individuals only. Business firms that are owned by other businesses or by the principals or owners of other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements shall not be eligible to participate in the Program. Moreover, the day-to-day management of the SLBE-ELBE firm shall be direct and independent of the influence of any other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements.
- e) **Joint Venture** – An association of two or more persons or business entities that is formed for the single purpose of carrying out a single defined business enterprise for which purpose they combine their

capital, efforts, skills, knowledge, or property. Joint ventures shall be established by written agreement to qualify for this program.

- f) **Local Business Enterprise (“LBE”)** – A firm having a Principal Place of Business and a Significant Employment Presence in San Diego County, California that has been in operation for 12 consecutive months and a valid business tax certificate. This definition is subsumed within the definition of Small Local Business Enterprise.
- g) **Minor Construction Program** – A program developed for bidding exclusively among SLBE-ELBE Construction firms.
- h) **Principal Place of Business** – A location wherein a firm maintains a physical office and through which it obtains no less than 50% of its overall customers or sales dollars.
- i) **Protégé** – A firm that has been approved and is an active participant in the City’s Mentor-Protégé Program and that has signed the required program participation agreement and has been assigned a mentor.
- j) **Significant Employee Presence** – No less than 25% of a firm’s total number of employees are domiciled in San Diego County.

C. SUBCONTRACTOR PARTICIPATION.

- 1. For the purpose of satisfying subcontracting participation requirements, only 1st tier SLBE–ELBE Subcontractors will be recognized as participants in the Contract according to the following criteria:
 - a) For credit to be allowed toward a respective participation level, all listed SLBE-ELBE firms shall have been certified by the Bid due date.
 - b) The Subcontractor shall perform a commercially useful function for credit to be allowed toward subcontractor participation levels. The Subcontractor shall be required by you to be responsible for the execution of a distinct element of the Work and shall carry out its responsibility by actually performing and supervising its own workforce.
 - c) If the Bidder is seeking the recognition of materials, supplies, or both towards achieving any mandatory subcontracting participation level, the Bidder shall indicate on Form AA40 – Named Equipment/Material Supplier List with the Bid the following:
 - i. If the materials or supplies are obtained from a SLBE-ELBE manufacturer, the Bidder will receive 100% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation, a manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the Contract and of the general character described by the specifications.

- ii. If the materials or supplies are obtained from a SLBE-ELBE supplier, the Bidder will receive 60% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation a Supplier is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a supplier, the firm shall be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a supplier in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the person both owns and operates distribution equipment for the products. Any supplementing of the suppliers' own distribution equipment shall be by a long-term lease agreement and shall not be on an ad hoc or contract-by-contract basis.
 - iii. If the materials or supplies are obtained from a SLBE-ELBE, which is neither a manufacturer nor a supplier, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, fees or transportation charges for the delivery of materials or supplies required on a job site will be counted toward SLBE-ELBE participation, provided the fees are reasonable and not excessive as compared with fees customarily allowed for similar services. No portion of the cost of the materials and supplies themselves will be counted toward SLBE-ELBE participation.
- d) If the Bidder is seeking the recognition of SLBE-ELBE Trucking towards achieving any mandatory subcontracting participation level, the Bidder shall indicate it on Form AA35 - List of Subcontractors with the Bid. The following factors will be evaluated in determining the credit to be allowed toward the respective participation level:
- i. The SLBE-ELBE shall be responsible for the management and supervision of the entire trucking operation for which it is getting credit on a particular Contract and there shall not be a contrived arrangement for the purpose of counting SLBE-ELBE participation.
 - ii. The SLBE-ELBE shall itself own and operate at least 1 fully licensed, insured, and operational truck used on the Contract.

- iii. The SLBE-ELBE receives credit for the total value of the transportation services it provides on the Contract using trucks it owns, insures, and operates using drivers it employs.
- iv. The SLBE-ELBE may lease trucks from another SLBE-ELBE firm including an owner-operator who is certified as a SLBE-ELBE. The SLBE-ELBE who leases trucks from another SLBE-ELBE receives credit for the total value of the transportation services the lessee SLBE-ELBE provides on the contract.
- v. The SLBE-ELBE may also lease trucks from a non-SLBE-ELBE firm, including an owner-operator. The SLBE-ELBE who leases trucks from a non-SLBE-ELBE is entitled to credit for the total value of transportation services provided by non-SLBE-ELBE lessees not to exceed the value of transportation services provided by SLBE-ELBE owned trucks on the contract. Additional participation by non-SLBE-ELBE lessees receive credit only for the fee or commission it receives as a result of the lease arrangement.
- vi. A lease shall indicate that the SLBE-ELBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the SLBE-ELBE so long as the lease gives the SLBE-ELBE absolute priority for use of the leased truck.

D. SLBE-ELBE SUBCONTRACTOR PARTICIPATION PERCENTAGES.

- 1. Contracts valued at \$1,500,000 and above will be considered Major Public Works Contracts and will include a mandatory Subcontractor participation requirement for SLBE-ELBE firms.
 - a) The Bidder shall achieve the mandatory Subcontractor participation requirement or demonstrate GFE.
 - b) The Bidders shall indicate the participation on Forms AA35 - List of Subcontractors and AA40 - Named Equipment/Material Supplier List as applicable regardless of the dollar value.
 - c) An SLBE-ELBE Bidder may count its own participation toward achieving the mandatory goal as long as the SLBE-ELBE Bidder performs 51% of the Contract Price.
- 2.. Contracts Valued over \$1,000,000 and under \$1,500,000 will also be considered Major Public Works Contracts and will include the mandatory subcontractor participation requirements described above and the following:
 - a) 5% bid discount for SLBE-ELBE firms.
 - b) Non-certified Contractor will receive 5% bid discount if they achieve the specified mandatory Subcontracting participations.
 - c) Bid discounts shall not apply if the award will result in a total contract cost of \$50,000 in excess of the apparent lowest Bid.

- d) In the event of a tie bid between a SLBE-ELBE Bidder and a non-SLBE-ELBE Bidder, the SLBE-ELBE Bidder will be awarded the Contract.
 - e) In the event of a tie bid between a discounted Bid and a non-discounted Bid, the discounted Bid will be awarded the Contract.
- 3. Contracts valued over \$500,000 up to \$1,000,000 will be considered Minor Public Works Contracts and will be awarded through a competitive Bid process open only to City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and will be subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.
 - 4. Contracts valued at \$500,000 and below will also be considered Minor Public Works Contracts and will be awarded through a competitive bid process open only to City certified ELBEs unless there are less than 2 firms available at which it will be awarded through a competitive process open only to the City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.

E. JOINT VENTURES.

- 1. The City may allow for Joint Venture bid discounts on some Contracts. Contracts that allow for Joint Venture bid discounts will be designated in Bid documents. A firm that is bidding or competing for City Contracts may partner with a certified SLBE or ELBE to compete for Contracts as a Joint Venture.
- 2. A Joint Venture shall be between two entities with the same discipline or license as required by the City. Joint ventures will receive bid discounts depending on the SLBE or ELBE percentage of participation. To be eligible for a discount, a Joint Venture Agreement shall be approved by the City at the time of Bid submittal. The maximum allowable discount shall be 5%. The parties shall agree to enter in the relationship for the life of the projects.
- 3. Joint Venture shall submit a Joint Venture Management Plan, a Joint Venture Agreement, or both at least 2 weeks prior to the Bid due date. Copies of the Joint Venture applications are available upon request to the Contract Specialist. Each agreement or management plan shall include the following:
 - a) Detailed explanation of the financial contribution for each partner.
 - b) List of personnel and equipment used by each partner.
 - c) Detailed breakdown of the responsibilities of each partner.
 - d) Explanation of how the profits and losses will be distributed.
 - e) Description of the bonding capacity of each partner.
 - f) Management or incentive fees available for any one of the partners (if any).

4. Each Joint Venture partner shall perform a Commercially Useful Function. An SLBE or ELBE that relies on the resources and personnel of a non-SLBE or ELBE firm will not be deemed to perform a Commercially Useful Function.
5. Each Joint Venture partner shall possess licenses appropriate for the discipline for which a proposal is being submitted. If a Joint Venture is bidding on a single trade project, at the time of bid submittal, each Joint Venture partner shall possess the requisite specialty license for that trade bid.
6. The SLBE or ELBE partner shall clearly define the portion of the Work to be performed. This Work shall be of the similar type of Work the SLBE or ELBE partner performs in the normal course of its business. The Joint Venture Participation Form shall specify the Bid items to be performed by each individual Joint Venture partner. Lump sum Joint Venture participation shall not be acceptable.
7. Responsibilities of the SLBE or ELBE Joint Venture Partner:
 - a) The SLBE or ELBE partner shall share in the control, management responsibilities, risks and profits of the Joint Venture in proportion with the level of participation in the project.
 - b) The SLBE or ELBE partner shall perform Work that is commensurate with its experience.
 - c) The SLBE or ELBE partner shall use its own employees and equipment to perform its portion of the Work.
 - d) The Joint Venture as a whole shall perform Bid items that equal or exceed 50% of the Contract Price, excluding the cost of manufactured items, in order to be eligible for a Joint Venture discount.

F. MAINTAINING PARTICIPATION LEVELS.

1. Credit and preference points are earned based on the level of participation proposed prior to the award of the Contract. Once the Project begins you shall achieve and maintain the SLBE-ELBE participation levels for which credit and preference points were earned. You shall maintain the SLBE-ELBE percentages indicated at the Award of Contract and throughout the Contract Time.
2. If the City modifies the original Scope of Work, you shall make reasonable efforts to maintain the SLBE-ELBE participation for which creditor preference points were earned. If participation levels will be reduced, approval shall be received from the City prior to making changes.
3. You shall notify and obtain written approval from the City in advance of any reduction in subcontract scope, termination, or substitution for a designated SLBE-ELBE Subcontractor. Failure to do so shall constitute a material breach of the Contract.
4. If you fail to maintain the SLBE-ELBE participation listed at the time the Contract is awarded and have not received prior approval from the City, the City may declare you in default and will be considered grounds for debarment under Chapter 2, Article 2, Division 8, of the San Diego Municipal Code.

G. SUBCONTRACTING EFFORTS REVIEW AND EVALUATION.

1. Documentation of your subcontracting efforts will be reviewed by EOCP to verify that you made subcontracting opportunities available to a broad base of qualified Subcontractors, negotiated in good faith with interested Subcontractors, and did not reject any bid for unlawful discriminatory reasons. The EOCP review is based on the federal "Six Good Faith Efforts" model.
2. The GFEs are required methods to ensure that all ELBE and SLBE firms have had the opportunity to compete for the City's Public Works procurements. The Six Good Faith Efforts, also known as affirmative steps, attract and utilize ELBE and SLBE firms:
 - a) Ensure ELBE firms are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities.
 - b) Make information of forthcoming opportunities available to SLBE-ELBE firms and arrange time for Contracts and establish delivery schedules, where requirements permit, in a way that encourages and facilitates participation by SLBE-ELBE firms in the competitive process. This includes posting solicitations for Bids or proposals to SLBE-ELBE firms for a minimum of 10 Working Days before the Bid or Proposal due date.
 - c) Consider in the contracting process whether firms competing for large Contracts could subcontract with SLBE-ELBE firms.
 - d) Encourage contracting with a consortium of ELBE-SLBE firms when a Contract is too large for one of these firms to handle individually.
 - e) Use the services and assistance of the City's EOC Office and the SLBE-ELBE Directory.
 - f) If you award subcontracts, require your Subcontractors to take the steps listed above.

H. GOOD FAITH EFFORT DOCUMENTATION.

1. If the specified SLBE-ELBE Subcontractor participation percentages are not met, you shall submit information necessary to establish that adequate GFEs were taken to meet the Contract Subcontractor participation percentages. See the City's document titled "Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL." The instructions for completing the good faith effort submittal can be found on the City's website:

<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbegfeinst.pdf>

I. SUBCONTRACTOR SUBSTITUTION.

1. Evidence of fraud or discrimination in the substitution of Subcontractors will result in sanctions including assessment of penalty fines, termination of Contract, or debarment. This section does not replace applicable California Public Contract Code.

J. FALSIFICATION OF SUB-AGREEMENT AND FRAUD.

1. Falsification or misrepresentation of a sub-agreement as to company name, Contract amount or actual Work performed by Subcontractors, or any falsification or fraud on the part your submission of documentation and forms pursuant to this program, will result in sanctions against you including assessment of penalty fines, termination of the Contract, or debarment. Instances of falsification or fraud which are indicative of an attempt by you to avoid subcontracting with certain categories of Subcontractors on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability shall be referred to the Equal Opportunity Contracting Program’s Investigative Unit for possible violations of Article 2, Division 35 of the City Administrative Code, §§22.3501 et seq. (Nondiscrimination in Contracting).

K. RESOURCES.

1. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City’s EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe>
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ATTACHMENT D
PREVAILING WAGE

PREVAILING WAGE

1. **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.
 - 1.1. **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.
 - 1.1.1. 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.
 - 1.1.2. 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.
 - 1.2. **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. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.

- 1.3. 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.

 - 1.3.1.** Contractor and their subcontractors shall also furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 1.4. 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 is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 1.5. Working Hours.** Contractor and their 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 contractors 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.
- 1.6. 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, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 1.7. 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."
- 1.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 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. For questions or assistance, please contact the City of San Diego's Prevailing Wage Unit at 858-627-3200.

- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A contractor or subcontractor shall not be qualified to bid on, be listed in a bid or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.
- 1.9.1.** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
- 1.9.2.** By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.
- 1.10. Stop Order.** For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.
- 1.11. List of all Subcontractors.** The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.
- 1.12. Exemptions for Small Projects.** There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

- 1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1).
- 1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).
- 1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11. above. (Labor code section 1773.3).

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

1. The **2021 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2021 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), including the following:
 - a) General Provisions (A) for all Construction Contracts.

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

1-2 TERMS AND DEFINITIONS. To the "WHITEBOOK":

To item 47, "Holiday", ADD the following:

Holiday	Observed On
Juneteenth	June 19

To item 55, "Normal Working Hours", DELETE in its entirety and SUBSTITUTE with the following:

Normal Working Hours: Normal Working Hours shall be **7:30 AM to 3:30 PM, Monday through Friday**, inclusive. Saturdays, Sundays, and City Holidays are excluded. Unless otherwise specified on the Traffic Control Permits.

The **Night Working Hours** are **09:00 PM to 05:00 AM** for any work along the POMERADO RD & RIOS RD and RANCHO BERNARDO RD & MEANDRO DR.

SECTION 3 – CONTROL OF THE WORK

3-2 SELF-PERFORMANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall perform, with your own organization, Contract Work amounting to at least **50%** of the Base Bid.

3-8.4 Supporting Information. To the "WHITEBOOK", ADD the following:

4. You shall collect and submit rehabilitation data spreadsheets along with monthly invoices for the following rehabilitation Work (see **Appendix G** –

Rehabilitation Data Collection – Sample Sewer Mains, Laterals, Manholes Data Template).

- a) Laterals
- b) Sewer Mains
- c) Manholes

3-12.8.3 Equipment. To the "WHITEBOOK", item 4, DELETE in its entirety and SUBSTITUTE with the following:

- 4. The approved dewatering system shall include a suitably sized pipeline to transport extracted groundwater from the Work Site to the indicated point of discharge as applicable under the dewatering permit in force during the dewatering operations. The alignment of this pipeline shall be subject to the approval by the Engineer. Where the pipeline is allowed to cross roadways or parking areas, you shall be required to install a conduit below the traveled surface. The installation shall provide protection for the temporary pipeline and a smooth transition across the in accordance with Standard Drawing SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation" or a concrete trench cap in accordance with Standard Drawing SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation" as included in **Appendix I – Standard Drawings**.

3-15.3 Coordination. To the "WHITEBOOK", ADD the following:

- 2. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of Rancho Bernardo Improv 1. **See Appendix F – Adjacent Projects Map** for the approximate location. Coordinate the Work with the adjacent projects as listed below:
 - a) Gatewood Hills Pump Station, Julie Adam, 619-533-7412.
 - b) SLURRY SEAL GROUP 2324, Kevin Yacoub, 619-527-8034.

SECTION 4 - CONTROL OF MATERIALS

4-6 TRADE NAMES. To the "WHITEBOOK", ADD the following:

- 11. You shall submit your list of proposed substitutions for an "equal" item **no later than 5 Working Days after the issuance of the Notice of Intent to Award** and on the City's Product Submittal Form available at:

<https://www.sandiego.gov/ecp/edocref/>

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-4 **INSURANCE.** To the “GREENBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

5-4 **INSURANCE.**

1. The insurance provisions herein shall not be construed to limit your indemnity and defense duties set forth in the Contract.

5-4.1 **Policies and Procedures.**

1. You shall procure the insurance described below, at your 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 shall maintain this insurance as required by this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your duties under the Contract, including your indemnity obligations, are not limited to the insurance coverage required by this Contract.
4. If you maintain broader coverage or higher limits than the minimums shown below, City requires and shall be entitled to the broader coverage or the higher limits maintained by you. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.
5. Your payment for insurance shall be included in the Contract Price you bid. You are not entitled to any additional payment from the City to cover your insurance, unless the City specifically agrees to payment in writing. Do not begin any Work under this Contract or allow any Subcontractors to begin work, until you have provided, and the City has approved, all required insurance.
6. Policies of insurance shall provide that the City is entitled to 30 days advance written notice of cancellation or non-renewal of the policy or 10 days advance written notice for cancellation due to non-payment of premium. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage and to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

5-4.2 Types of Insurance.

5-4.2.1 General Liability Insurance.

1. Commercial General Liability Insurance shall 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 shall 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 shall be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You shall maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense shall be outside the policy limits. Policy coverage shall 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	\$10,000,000
Products/Completed Operations Aggregate Limit	\$10,000,000
Personal Injury Limit	\$5,000,000
Each Occurrence	\$5,000,000

5-4.2.2 Commercial Automobile Liability Insurance.

1. You shall 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 shall be outside the limits of the policy.

5-4.2.3 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of California Labor Code section 3700, you shall 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 this requirement.

2. Statutory Limits shall be provided for Workers' Compensation Insurance as required by the state of California, and Employer's Liability Insurance with limits of no less than \$1,000,000 per accident for bodily injury or disease.
3. By signing and returning the Contract, you certify that you are aware of the provisions of California's Workers' Compensation laws, including Labor Code section 3700, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance, and that you will comply with these provisions before commencing the Work..

5-4.2.4 Contractors Pollution Liability Insurance.

1. You shall procure and maintain at your expense or require your Subcontractor, as described below, to procure and maintain Contractors Pollution Liability Insurance applicable to the Work being performed, with a limit no less than \$2,000,000 per claim or occurrence and \$4,000,000 aggregate per policy period of one year.
2. All costs of defense shall be outside the limits of the policy.
3. You shall obtain written approval from the City for any insurance provided by your Subcontractor instead of you.
4. For approval of a substitution of your Subcontractor's insurance, you shall 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 shall not exceed \$25,000 per claim unless the City has provided prior, written approval.
5. Occurrence based policies shall be procured before the Work commences. Claims Made policies shall be procured before the Work commences, shall be maintained for the Contract Time, and shall include a 12-month extended Claims Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract shall 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 of California, and that have been approved by the City.

5-4.3.1 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 of California and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers shall be subject to all of the requirements for policies of insurance provided by admitted carriers described in this Contract.

5-4.4 Evidence of Insurance. You shall furnish the City with original Certificates of Insurance, including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause), prior to your commencement of Work under this Contract. In addition, The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements, required by these specifications, at any time.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- i. Ongoing operations performed by you or on your behalf,
- ii. your products,
- iii. your work, e.g., your completed operations performed by you or on your behalf, or
- iv. premises owned, leased, controlled, or used by you.

5-4.5.1.2 Primary and Non-Contributory Coverage. The policy shall 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 shall provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.1.3 Project General Aggregate Limit. The policy or policies shall 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 shall reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit shall be in addition to the aggregate limit provided for the products-completed operations hazard.

5-4.5.2 Workers' Compensation Insurance and Employers Liability Insurance.

5-4.5.2.1 Waiver of Subrogation. The policy or policies shall 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.

5-4.5.3 Contractors Pollution Liability Insurance Endorsements.

5-4.5.3.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional 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.

5-4.5.3.2 Primary and Non-Contributory Coverage. The policy or policies shall 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 shall be in excess of your insurance and shall not contribute to it.

5-4.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies shall provide that your insurance shall 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 shall provide cross-liability coverage.

5-4.6 Deductibles and Self-Insured Retentions. You shall disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided. The City may require you to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

5-4.7 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.

5-4.8 Notice of Changes to Insurance. You shall notify the City, in writing, 30 days prior to any material change to the policies of insurance provided under this Contract. This written notice is in addition to the requirements of paragraph 6 of Section 5-4.1.

5-4.9 Excess Insurance. Policies providing excess coverage shall follow the form of the primary policy or policies, including, all endorsements.

**ADD:
5-10.3.2**

Weekly Updates Recipients.

1. Submit a weekly correspondence with updates, traffic control issues and locations, lane closures, and any other pertinent information (with additional contact names given during award process) to the following recipients:

Jaime Ramos-Bañuelos, Senior Engineer, jramosbanuel@sandiego.gov

Pedro Melo Rodriguez, Project Engineer, pmelorodrigu@sandiego.gov

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1.1 Construction Schedule. To the "WHITEBOOK", ADD the following:

3. Refer to the Sample City Invoice materials in **Appendix D – Sample City Invoice with Cash Flow Forecast** and use the format shown.

6-2.1 Moratoriums. To the "WHITEBOOK", ADD the following:

3. Do not Work in the areas where there is currently a moratorium. issued by the City. The areas subject to moratorium are shown on **Appendix K – Moratoriums Map** and are listed here:
 - a) In the vicinity of Rancho Bernardo Improv 1 from [6/10/2022] to [6/10/2025] (inclusive).
 - b) In the vicinity of Rancho Bernardo Improv 1 from [6/13/2022] to [6/13/2025] (inclusive).
 - c) In the vicinity of Rancho Bernardo Improv 1 from [7/21/2020] to [7/21/2025] (inclusive).
 - d) In the vicinity of Rancho Bernardo Improv 1 from [6/9/2022] to [6/9/2025] (inclusive).
 - e) In the vicinity of Rancho Bernardo Improv 1 from [6/8/2022] to [6/8/2025] (inclusive).
 - f) In the vicinity of Rancho Bernardo Improv 1 from [6/3/2022] to [6/3/2025] (inclusive).

6-3.1 General. To the "WHITEBOOK", item 3, subitem d, DELETE in its entirety and SUBSTITUTE with the following:

- d) 30 Calendar Days for full depth asphalt final mill and resurfacing work required per SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation" as included in **Appendix I – Standard Drawings**.

**ADD:
6-6.1.1**

Environmental Document.

1. The City of San Diego has prepared a **Notice of Exemption** for **Rancho Bernardo Improvements 1 (Rancho Bernardo Improv 1)**, Project No. **B-23042.02.06**, as referenced in the Contract Appendix. You shall comply with all requirements of the **Notice of Exemption** as set forth in **Appendix A**.
2. Compliance with the City's environmental document shall be included in the Contract Price, unless separate bid items have been provided.

6-9

LIQUIDATED DAMAGES. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. The execution of the Contract shall constitute agreement between you and the City that the liquidated damage amount described in the table below is the value of the damage caused by your failure to complete the Work within the allotted time. Such sum shall not be construed as a penalty and may be deducted from your payments if such delay occurs.

Contract Value	Liquidated Damages Daily Amount
Less than \$200,001	\$1,000
\$200,001 to \$500,000	\$1,500
\$500,001 to \$1,000,000	\$2,000
\$1,000,001 to \$2,000,000	\$2,500
\$2,000,001 to \$5,000,000	\$3,000
\$5,000,001 to \$10,000,000	\$5,500
\$10,000,001 to \$20,000,000	\$6,500
Greater Than \$20,000,000	\$7,000

SECTION 7 – MEASUREMENT AND PAYMENT

7-3.2.2.1 Progress Payment for Pipelines. To the "WHITEBOOK", item 4, DELETE in its entirety and SUBSTITUTE with the following:

4. In asphalt-surfaced streets, the City shall pay 15% for hydrostatic and bacterial testing, Wayneball and Mandrelling (where necessary), for water and sewer utility constructions respectively, and operational testing for storm drains, including the trench cap and cleanup. The City shall pay the remaining 5% after completing the asphalt wearing surface, Trench Capping per SDG-107 "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation", and final cleanup as included in **Appendix I – Standard Drawings**.

7-3.9 Field Orders. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. If the cumulative total of Field Order items of Work does not exceed the "Field Orders" Bid Item, the City shall pay those Field Orders as shown below:

**TABLE 7-3.9
FIELD ORDER LIMITS**

Contract Price	Maximum Each Field Order Work Amount
Less than \$1,000,001	\$10,000
\$1,000,001 to \$5,000,000	\$20,000
\$5,000,001 to \$10,000,000	\$25,000
\$10,000,001 to \$30,000,000	\$40,000
Greater than \$30,000,000	\$70,000

7-3.11 Compensation Adjustments for Price Index Fluctuations. To the "WHITEBOOK", ADD the following:

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

SECTION 301 – SUBGRADE PREPARATION, TREATED MATERIALS, AND PLACEMENT OF BASE MATERIALS

301-1.6 Preparatory Repair Work. To the “WHITEBOOK”, DELETE in their entirety and SUBSTITUTE with the following:

1. Prior to the placement of any asphalt concrete or application of slurry, you shall complete all necessary preparation and repair Work and shall obtain approval by the Resident Engineer.
2. No preparatory asphalt Work shall be done when the atmospheric temperature is below 50° F (10° C) or during unsuitable weather.
3. Preparatory Work shall include tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, cold milling, hump removal, lump removal, subgrade preparation and subgrade or base repair, removal of raised pavement markers, removal of pavement markings, location of public and private utilities and appurtenances, all Concrete works, and all other necessary works as specified in the Special Provisions and Contract Documents or as directed by the Engineer.
4. After the completion of the preparatory work, you shall install compacted asphalt concrete pavement according to the thickness specified in the Special Provisions and Contract Documents or a minimum of 2 inches (50.8 mm) for residential streets and a minimum of 3 inches (76.2 mm) for all other streets or as directed by the Engineer.
5. You shall identify the location of all utilities vaults, valves, and other appurtenances not included in the project scope requiring relocation or adjustment to grade by other agencies/companies by marking the face of the curb closest to the utility appurtenance as follows:
 1. Offset distance of the appurtenance from the curb face
 2. The limits of the appurtenance or corners of the vault/box
6. The quantities shown in the appendices are based on a street assessment survey and may vary. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents.
7. You shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2 inches (50.8 mm) for residential streets and a minimum depth of 3 inches (76.2 mm) for all others except where specified otherwise in the Special Provisions and Contract Documents or as directed by the Engineer to expose firm and unyielding pavement as specified.

8. If, in order to achieve the minimum specified depth, the base material or native subgrade is exposed, you shall notify the Engineer the material shall be compacted to 95% relative compaction.
9. Compaction tests shall be made to ensure compliance with the specifications.
10. The QCP shall establish location and timing of compaction testing and shall be subject to approval by the Engineer. You shall reimburse the City for the cost of retesting failing compaction tests conducted as part of the City of San Diego Quality Assurance testing.
11. If additional base material is required, you shall use Class 2 Aggregate base in accordance with 200-2.9.1, "Class 2 Aggregate base (Scheduled, 5 Inch)" and "Class 2 Aggregate base (unscheduled, 5 Inch)" or as directed by the Engineer.
12. Prior to placement of compacted asphalt concrete pavement, you shall prepare the subgrade as needed and install a minimum of 2 or 3 inches as specified in the contract documents and special provisions, of compacted asphalt concrete pavement over native material as directed by the Engineer.
13. Areas of damaged asphalt requiring base repair work including excavation, placement of asphalt concrete, asphalt concrete base, and class 2 aggregate base, have been identified in the appendices as "DO", Dig Out, also called Base Repairs.
14. The areas and quantities shown in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids. You shall identify any new areas that require repair prior to paving in order to construct a smooth and stable pavement surface. Upon approval by the engineer, the repair locations shall be incorporated into scope of work and shall not be considered extra work. You shall mark the pavement area as "DO" or as directed by the Engineer.
15. 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".
16. When milling and/or grinding asphalt pavement for base repair and the contractor encounters level and unyielding PCC trench caps or appurtenance collars before reaching the minimum depth of 2 inches, then the You shall place enough asphalt concrete pavement to bring the surface to be level with the adjacent roadway. Asphalt Concrete Base shall be Type III-B3-PG 64-10 and Asphalt Concrete Pavement shall be Type III-C2-PG 64-10 as directed by the Engineer.
17. You shall install new asphalt within the repair area or for patches in accordance with 302-5, "ASPHALT CONCRETE PAVEMENT". Asphalt concrete shall be Type III-C2-PG 64-10 in compliance with 203-6.3.1 "General".

18. Recycled base material shall conform to Class 2 Aggregate Base material in accordance with 200-2.4, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)".
19. Following the asphalt placement, you 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, you shall seal all finished edges with a 4 inch (101.6 mm) wide continuous band of SS-1H.
20. Materials removed, regardless of removal method, shall be disposed of at a legal site.
21. The minimum dimensions for each individual repair shall be 4 feet by 4 feet (1.2 m by 1.2 m) 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. Base repairs shall have a minimum depth of 10".
 - c. You shall repair the areas shown in the appendices of distressed asphalt concrete to remove damaged areas of pavement in accordance with 404-1, to expose firm and unyielding pavement, base, or native soils, regardless of materials encountered. Unyielding pavement will have no visible cracks and unyielding base, or native soils will be properly compacted, as determined by the Engineer. If cracks are visible, then pavement is not unyielding and shall require additional depth be removed as directed by the Engineer. The Contractor shall prepare subgrade as needed and install a maximum of 5" compacted asphalt concrete pavement over the compacted base material to be level with the adjacent roadway surface.
 - d. When additional base material is required, then you shall use Class 2 Aggregate Base in accordance with 200-2.4, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" or as directed by the Engineer.
 - e. Recycled base material shall conform to Class 2 Aggregate base material in accordance with 200-2.4, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)".
 - f. You 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.
 - g. 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 pavement. Please refer to Appendix J – Estimated Asphalt Construction Quantities.

- h. Base repair areas where failed pavement is removed either by cold milling or by excavation shall be restored to existing pavement grade with "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" at 5 inches, and 5 inches of "Asphalt Concrete Base" shall be placed atop the layer of "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" unless otherwise directed by the Engineer. These areas have been identified in the appendices as "DO". The Crushed Miscellaneous Base shall be in accordance with 200-2.9, "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)" The asphalt concrete base shall be Type III-B3-PG 64-10 as specified in 203-6, "ASPHALT CONCRETE". "General" Preliminary quantities are identified in the Contract appendix but may need to be increased and approved by the Engineer at the time of construction. Base Repairs shall not exceed 15% RAP in content.
- i. Base repair with asphalt concrete base areas where failed pavement is removed either by cold milling or by excavation shall be restored to existing pavement grade with Asphalt Concrete Base at 8 inch (203.2mm) and a minimum of 2 or 3 inches of asphalt concrete shall be placed atop the layer of Asphalt Concrete Base unless otherwise directed by the Engineer. The asphalt concrete base shall be Type III-B3-PG 64-10 as specified in 203-6, "ASPHALT CONCRETE." The asphalt concrete shall be Type III-C2-PG 64-10 as specified in 203-6, "General." Base Repairs shall not exceed 15% RAP in content. Base Repairs with Asphalt Concrete Base shall not be performed except where directed by the Engineer.
- j. A Base repair identified prior to initiation of the preparatory work shall be considered scheduled.
- k. A base repair is considered unscheduled when it is not identified in the appendices as "DO" prior to initiation of preparatory work or when you are directed by the Engineer to perform an unscheduled base repair for the proper placement of an asphalt overlay.
- l. At the end of each day the Contractor shall submit to the Engineer an itemized list of the asphalt pavement and base repair work completed. The list shall include but not be limited to the location of the work, the exact square footage of the repair, cubic yards of excavation, tons of asphalt concrete base placed, and tons of Class 2 Aggregate Base material placed or as directed by the Engineer.

301-1.7

Payment. To the "WHITEBOOK", DELETE in their entirety and SUBSTITUTE with the following:

1. The demolition, removal, and disposal of various types of existing hardscape in parkway areas, such as colored concrete, bricks, flagstone in the parkway or right-of-way, shall be included under the lump sum Bid items or for the Contract Unit Prices for which hardscape removal is required. When required, hardscape in parkways shall be replaced with Class A Top Soil or as directed by the Engineer.
2. The payment for the preparatory works shall be included in the lump sum Bid Items and Contract Unit Prices for which preparation works are performed, unless it is specified as a separate Bid Item.
3. The areas and quantities shown in the 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 prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary. No payment shall be made for areas of over excavation as determined by the Engineer.
4. Asphalt pavement subgrade repair, and base repair dig-outs, shall be paid at the Contract unit price for "Excavate and Export (Scheduled, 10 Inch)" and "Excavation and Export (Unscheduled, 10 Inch)", "Asphalt Concrete Base (Scheduled, 5 Inch)" and "Asphalt Concrete Base (Unscheduled, 5 Inch)", "Class 2 Aggregate Base (Scheduled, 5 Inch)" and "Class 2 Aggregate Base (Unscheduled, 5 Inch)". No Payment shall be made for areas of over excavation as determined by the Engineer.
5. When Cold Milling is used as a method for excavation for subgrade or base repair for pavement, Cold Milling shall be included in the Contract Unit Price for "Excavate and Export (Scheduled, 10 Inch)" or "Excavation and Export (Unscheduled, 10 Inch)".
6. The payment for Excavation shall be paid at the Contract Unit Price for "Excavate and Export (Scheduled, 10 Inch)" or "Excavation and Export (Unscheduled, 10 Inch)" for each bank cubic yard of material removed. Proof of proper disposal and/or recycling at a legal site for quantities excavated shall be required in advance of payment as directed by the Engineer and shall be subject to approval by the Engineer for payment. No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.
7. No additional payment shall be made for milling, grinding, saw cutting, stockpiling, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

301-2.4 Measurement and Payment. To the "GREENBOOK", ADD the following:

1. Payment for Class 2 Aggregate base material installed shall be made at the Contract Unit Price for "Class 2 Aggregate Base (Scheduled, 5 Inch) and "Class 2 Aggregate Base (Unscheduled, 5 Inch) per ton and includes all necessary works such as hauling, placement, and compaction as directed by the Engineer.

SECTION 302 – ROADWAY SURFACING

302-5.2 Pavement Restoration Adjacent to Trench. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

302-5.2 Pavement Restoration Adjacent to Trench Influence Zone

The Work for pavement restoration shall include the replacement of existing pavement outside of the trench influence zone in accordance with SECTION 302 – ROADWAY SURFACING and as shown on the Plans.

1. Prior to the commencement of the Work, you shall meet with the Engineer and determine the limits of the pavement to be replaced.
2. Existing pavement shall be removed in accordance with SECTION 404 – COLD MILLING, and as shown on the Plans.
3. Areas of damaged pavement requiring base repair Work shall be restored in accordance with Section 301-1.6 "Preparatory Repair Work", and as shown on the Plans.

302-5.2.1 Measurement and Payment. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. The payment for asphalt concrete pavement restoration outside of the trench influence zone shall be made on a tonnage basis in accordance with Section 302-5.9 "Measurement and Payment", and paid for under Bid Item "Asphalt Concrete Overlay (2 inch)", unless separate Bid items have been provided. The following shall be included in the payment for "Asphalt Concrete Overlay (2 inch)":
 - a) Saw-cutting existing edges.
 - b) Applying tack coat.
 - c) Placement, curing, and protection of new pavement.
2. The payment for removal of existing asphalt concrete pavement shall be made on square foot basis in accordance with Section 404-12 "Payment", and paid for under Bid Item "Cold Milling (2 inch)".
3. The payment for base repair Work shall be made in accordance with Section 301-1.7 "Payment".

302-6.1 **General.** To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. The thickness of the new concrete pavement shall be in accordance with Standard Drawing SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation" as included in **Appendix I – Standard Drawings**.

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

306-1 **GENERAL.** To the "GREENBOOK", ADD the following:

1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings as included in **Appendix I – Standard Drawings**.
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

306-3.3.4 **Payment.** To the "WHITEBOOK", ADD the following:

12. The payment for pavement restoration including influence area shall be included in the Bid items for the associated abandonment Work.

306-15 **PAYMENT.** To the "GREENBOOK", ADD the following:

1. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.

306-15.1 **General.** To the "WHITEBOOK", item 1, subitem n, DELETE in its entirety and SUBSTITUTE with the following:

- n. Permanent resurfacing. See **306-1 General** for permanent pavement restoration requirements.

306-15.6 **Hydrants.** To the "WHITEBOOK", ADD the following:

5. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
6. See **306-1 General** for permanent resurfacing requirements.

306-15.7 Buried Structures. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

306-15.7 Buried Structures. To the "GREENBOOK", sentence (3), DELETE in its entirety and SUBSTITUTE with the following:

The Contract Unit Price shall include excavation, backfill, disposal of all excess excavation, constructing inverts, furnishing and installing castings, restoration of the street surface (See **306-1 General** for permanent resurfacing requirements) and improvements including but not limited to sidewalk panel, and all other Work, excluding temporary resurfacing, necessary to construct the buried structure, complete in-place.

306-15.8 Pipeline Appurtenances. To the "WHITEBOOK", ADD the following:

10. Payment for pipeline appurtenances will be made at the contract unit price for each appurtenance of the size including permanent resurfacing requirements. See **306-1 General** for permanent resurfacing requirements.

306-16.6 Payment. To the "WHITEBOOK", ADD the following:

6. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.

a. See **306-1 General** for permanent resurfacing requirements.

306-17.2 Payment. To the "WHITEBOOK", ADD the following:

12. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.

13. See **306-1 General** for permanent resurfacing requirements.

SECTION 307 - JACKING AND TUNNELING

307-1 JACKING OPERATIONS. To the "GREENBOOK", ADD the following:

1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.

a. SDG-105, "Pavement Restoration General Notes"

b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"

c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"

- d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
- e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

307-1.7 Payment. To the "WHITEBOOK", ADD the following:

- 2. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.
- 3. See **307-1 JACKING OPERATIONS** for permanent resurfacing requirements.

SECTION 308 - MICROTUNNELING

308-1 GENERAL. To the "GREENBOOK", ADD the following:

- 1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

308-10 RESTORATION OF SURFACE IMPROVEMENTS. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

See Section **308 -1 GENERAL** for permanent resurfacing requirements.

308-12 PAYMENT. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. The payment for microtunneling, including casing, carrier pipes, and surface improvement restoration, shall be included in the Bid item for **"Sewer Main by Microtunneling with Steel Casing"**.

SECTION 315 - HORIZONTAL DIRECTIONAL DRILLING

315-1 GENERAL. To the "WHITEBOOK", ADD the following:

2. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

315-14 MEASUREMENT AND PAYMENT. To the "WHITEBOOK", ADD the following:

3. See Section **315-1 GENERAL** for permanent resurfacing requirements.

SECTION 316 – PIPE BURSTING

316-1 GENERAL. To the "WHITEBOOK", ADD the following:

2. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

316-9 MEASUREMENT AND PAYMENT. To the "WHITEBOOK", ADD the following:

3. See Section **316-1 GENERAL** for permanent resurfacing requirements.

SECTION 317 – PIPE FUSION

317-1 PIPE FUSION FOR SEWER MAINS. To the "WHITEBOOK", ADD the following:

1. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.
2. SDG-105, "Pavement Restoration General Notes"
3. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
4. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
5. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
6. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

317-1.10 Payment. To the "WHITEBOOK", ADD the following:

3. See Section 317-1 PIPE FUSION FOR SEWER MAINS for permanent resurfacing requirements.

317-2.12 Payment. To the "WHITEBOOK", ADD the following:

3. See Section 317-1 PIPE FUSION FOR SEWER MAINS for permanent resurfacing requirements.

SECTION 400 – PROTECTION AND RESTORATION

400-1 GENERAL. To the "WHITEBOOK", ADD the following:

6. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"

- c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
- d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
- e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

SECTION 401 – REMOVAL

401-3.1 Concrete Pavement. To the "WHITEBOOK", ADD the following:

- 4. See Section **400 -1 GENERAL** for permanent resurfacing requirements.

401-3.2 Concrete Curb, Walk, Gutters, Cross Gutters, Curb Ramps, Driveway, and Alley Intersections. To the "WHITEBOOK", ADD the following:

- 7. See Section **400 -1 GENERAL** for permanent resurfacing requirements.

SECTION 402 – UTILITIES

402-1.1 General. To the "GREENBOOK", paragraph 5, DELETE in its entirety and SUBSTITUTE with the following:

The Contractor shall complete excavation, backfill, and placement of temporary resurfacing on the same Day. Backfill shall conform to 306-12. Temporary resurfacing shall conform to 306-13.1. Permanent resurfacing shall be placed within 10 Working Days unless otherwise specified in the Special Provisions or directed by the Engineer. See Section **400-1 GENERAL** for permanent resurfacing requirements.

To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTUTE with the following:

- 2. You shall fill all potholes on the same day of potholing if no trenching is to be performed within 10 Working Days of the excavation. Fully restore all potholes and any damaged surrounding areas to their original condition unless otherwise specified by the Engineer. Permanent resurfacing shall conform to SDG-123, "36-Inch and Smaller Pothole and Exploratory Excavation" as included in **Appendix I – Standard Drawings**.

402-6 COOPERATION. To the "WHITEBOOK", ADD the following:

- 1. Notify SDG&E at least **15 Working Days** prior to excavating within 10 feet of SDG&E Underground High Voltage Transmission Power Lines (69 KV and higher).

402-8 PAYMENT. To the "WHITEBOOK", ADD the following:

- 6. Payment for pavement restoration, including influence area, shall be included in the associated Bid items pertinent to the Work.

SECTION 404 – COLD MILLING

404-1 GENERAL. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Excessive asphalt concrete pavement adjacent to Type "G" and "H" curb and gutter lines and concrete cross gutters shall be milled in accordance with the City of San Diego Standard Drawing SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation" or as shown on the Plans as included in **Appendix I – Standard Drawings**.

SECTION 500 – PIPELINE REHABILITATION

500-1 GENERAL. To the "WHITEBOOK", ADD the following:

5. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I – Standard Drawings**.
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

500-4.7 Payment. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The point repair Work shall be measured and paid for in the Bid Item for each **"Point Repair for Existing Sewer Main"**. Measurement shall be made at the pipe and shall be based on the length of pipe repaired. You shall be paid for 1 point repair for each repair 8 ft (2.43 m) or less in length. Any continuous point repair greater than 8 ft (2.43 m), shall be paid linearly proportioned to bid item **"Point Repair for Existing Sewer Main"**. This payment shall include all necessary labor, materials, and equipment to clean, repair, excavate, inspect the Point Repair, backfill and restore pavement. See **500-1 General** for permanent pavement restoration requirements.

SECTION 503 – SERVICE LATERAL REHABILITATION

503-1 GENERAL. To the "WHITEBOOK", ADD the following:

7. All Work under this section shall be subject to the applicable permanent resurfacing restoration requirements in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including

influence area, shall be included in the associated Bid items pertinent to the Work as included in **Appendix I – Standard Drawings**.

- a. SDG-105, "Pavement Restoration General Notes"
- b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
- c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
- d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
- e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

503-6 **PAYMENT.** To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. The point repair Work for sewer laterals shall be in accordance with 500-4, "PIPELINE POINT REPAIR AND/OR REPLACEMENT" and shall be included in the Bid Item for each "**Point Repair for Existing Sewer Lateral**". Measurement shall be made at the pipe and shall be based on the length of pipe repaired. You shall be paid for 1 point repair for each repair 8 ft (2.43 m) or less in length. Any continuous point repair greater than 8 ft (2.43 m), shall be paid linearly proportioned to bid item "Point Repair for Existing Sewer Main". This payment shall include all necessary labor, materials, and equipment to clean, repair, excavate, inspect the Point Repair, backfill, pavement restoration (and influence area) including sidewalks, driveways and any other above ground improvements.

SECTION 700 - MATERIALS

700-1.3 **(86-1.02B) Conduit.** To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. When approved by the Engineer, conduit runs shown on the plans to be located behind curbs may be installed in the street, within 4 feet of and parallel to the curb, by narrow trenching. All pull boxes shall be located behind the curb or at locations shown on the plans. Narrow trenching shall be performed in accordance with the latest City Standards. Any changes in conduit location shall be approved in advance by the Engineer. All narrow trenching shall conform to the City of San Diego Standard Drawings SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation", SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation" and be inspected prior to backfill. Trenches behind sidewalks shall be compacted using compaction tools to ensure no sinking of trench will

occur. Trenches wider than 6 inch (15.2 cm) shall conform to the City of San Diego Standard Drawings SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation", SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation", and SDG-119, "Trench Types G, H & I Backfill for Dry Utility". A 3-inch (7.6 mm) bed of fine soil or sand shall be placed in the trench.

SECTION 701 - CONSTRUCTION

701-2 PAYMENT. To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. The payment for the trenching and pavement restoration, including influence areas, is included in the payment for the associated Work.

SECTION 901 - INSTALLATION AND CONNECTION

901-1.1.2.3 High-lining Removed by the Contractor. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. After removing all high-lining construction material and debris, you shall restore streets, curbs, gutters, sidewalks, fire hydrants, and other disturbed facilities in accordance with PART 4 - EXISTING IMPROVEMENTS. Street resurfacing shall be restored in accordance with the SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation", SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation". -

901-2.4 Pavement Restoration. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. After the final connection is completed, you shall remove all temporary resurfacing, compact sub-grade and restore affected area with permanent resurfacing in accordance with the following City of San Diego Standard Drawings. Payment for pavement restoration, including influence area, shall be included in the associated Bid Items pertinent to the Work as included in **Appendix I - Standard Drawings.**
 - a. SDG-105, "Pavement Restoration General Notes"
 - b. SDG-107, "Pavement Restoration for Asphalt Concrete Surfaced Streets - Major Excavation"
 - c. SDG-108, "Pavement Restoration for Concrete Surfaced Streets and Alleys - Major Excavation"
 - d. SDG-117, "Pavement Restoration for Asphalt Concrete Surface Streets - Minor Excavation"
 - e. SDG-118, "Pavement Restoration for Concrete Surface Streets and Alleys - Minor Excavation"

901-2.5 **Payment.** To the "WHITEBOOK", item 1, subitem g, and item 3, DELETE in their entirety and SUBSTITUTE with the following:

g. Pavement Restoration including influence area.

3. Traffic Control, saw cutting the trench area, trench caps, and other spot repairs in the vicinity of the disturbed area at each restored connection shall be included in the square foot Bid Item for "**Pavement Restoration for Final Connection**". Asphalt Overlay Work shall be paid for under separate Bid items.

SECTION 1001 – CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)

1001-1 **GENERAL.** To the "WHITEBOOK", ADD the following:

8. Based on a preliminary assessment by the City, this Contract is subject to **WPCP**.

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

TO: Recorder/County Clerk
P.O. Box 1750, MS A-33
1600 Pacific Hwy, Room 260
San Diego, CA 92101-2400

FROM: City of San Diego
Engineering & Capital Projects Department
525 B Street, Suite 750, MS 908A
San Diego, CA 92101

Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

Project Name: Rancho Bernardo Improvements 1

WBS No.: B-23042.02.06

Project Location-Specific: The project is located along portions of the following streets and City easements within the Rancho Bernardo Community Planning Area (Council District 5): Santiago West Road, Dominican Drive, Bellota Drive, Bellota Place, Acena Drive, Diego Drive, Callado Court, Acebo Place, Obispo Lane, Obispo Road, Acebo Drive, Pinata Drive, Bernardo Oaks Drive, Pastoral Road, Casero Place, Calle de Maria, Callado Road, Tomas Court, Casero Road, Juarez Drive, San Tomas Drive, San Tomas Court, Ramada Drive, Rios Road, Rancho Bernardo Road, Santiago East Road, Meandro Drive, Meandro Court, Meandro Road, Roca Drive, Orilla Drive, Sambroso Place, Pomerado Road, Pipo Road, Senda Place, Horado Court, Horado Road, Diaz Drive, Mantilla Road, Relindo Court, Niego Lane, Antonio Drive, Sonora Road, Parish Road, Sarape Drive, Jardin Road, Pamero Drive, Matanza Road, Garbada Road, Hispano Drive, Pablo Drive, Palero Cresta Drive, Palero Road, Alondra drive, and private streets.

Project Location-City/County: San Diego/San Diego

Description of nature and purpose of the Project:

The project will rehabilitate via trenchless construction approximately 22,743 LF (4.31 miles) of existing 8-inch sewer mains, including rehabilitation of manholes, external point repairs requiring open trench, installation of new cleanouts and new manholes, and rehabilitation of laterals with cleanouts. New sewer lateral cleanouts will be installed to complete the lateral lining work. Minor landscaping disturbance and revegetation to accommodate installing clean outs at property lines and/or within City right-of-way would be required. Trenching areas within the streets will be resurfaced.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: City of San Diego
Engineering and Capital Projects Department
Contact: Nicholas Ferracone, Senior Planner
Email/Phone: NWFerracone@sandiego.gov / 619-533-4182
525 B Street, Suite 750 (MS 908A), 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 (b), (c), and (d) [Existing Facilities]; 15302 (c) [Replacement or Reconstruction]; 15303 (d) [New Construction]; and 15304 (f) [Minor Alterations to Land]
- Statutory Exemptions:

Reasons why project is exempt: The City of San Diego conducted an environmental review which determined that the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Sections 15301 (b), (c), and (d) [Existing Facilities], which allows for repair, maintenance and minor alteration of existing public facilities and topographical features involving negligible or no expansion of existing use, including rehabilitation and repair of sewer mains, laterals, and manholes as well as street resurfacing; 15302 (c) [Replacement or Reconstruction], which allows for replacement or reconstruction of existing structures and facilities, including rehabilitation and repair of sewer mains, laterals, and manholes as well as street resurfacing; Section 15303 (d) [New Construction or Conversion of Small Structures], which consists of construction and location of limited numbers of new, small facilities or structures, including installing new manholes and new cleanouts; 15304 (f) [Minor Alterations to Land], which allows for minor public alterations in the condition of land which do not involve removal of healthy, mature, scenic trees, including minor trenching and backfilling where the surface is restored associated with the point repairs, new manholes, and new cleanouts along with their associated minor vegetation disturbance in landscaped areas; and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Nicholas Ferracone

Telephone: 619-533-4182

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

Carrie Purcell
 Carrie Purcell, Deputy Director

9/5/23
 Date

Check One:

- Signed By Lead Agency
- Signed by Applicant

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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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 2 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

- 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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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 3 OF 10	EFFECTIVE DATE October 15, 2002
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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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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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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).

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>	T.B.	G.B. (CITY USE)
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:	
<small>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</small>			

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 WITH CASH FLOW FORECAST

WBS #:	B18108
Date Submitted:	10/10/2018
NTP Date:	3/23/2018
Final Statement of WD Date:	5/23/2020
Contract #:	K-XX-XXXX-XXX-X
Contract Amount:	\$5,617,000

Construction Cash Flow Forecast
 "Sewer and Water Group Job 965 (W)"

Year	January	February	March	April	May	June	July	August	September	October	November	December
2018				15,000	25,000	52,000	52,000	100,000	10,000	100,000	100,000	100,000
2019	10,000	10,000	85,000	58,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	1,000,000
2020	100,000	100,000	100,000	1,000,000	1,000,000							
2021												
2022												
2023												
2024												
2025												

SAMPLE REFERENCE

APPENDIX E
LOCATION MAP

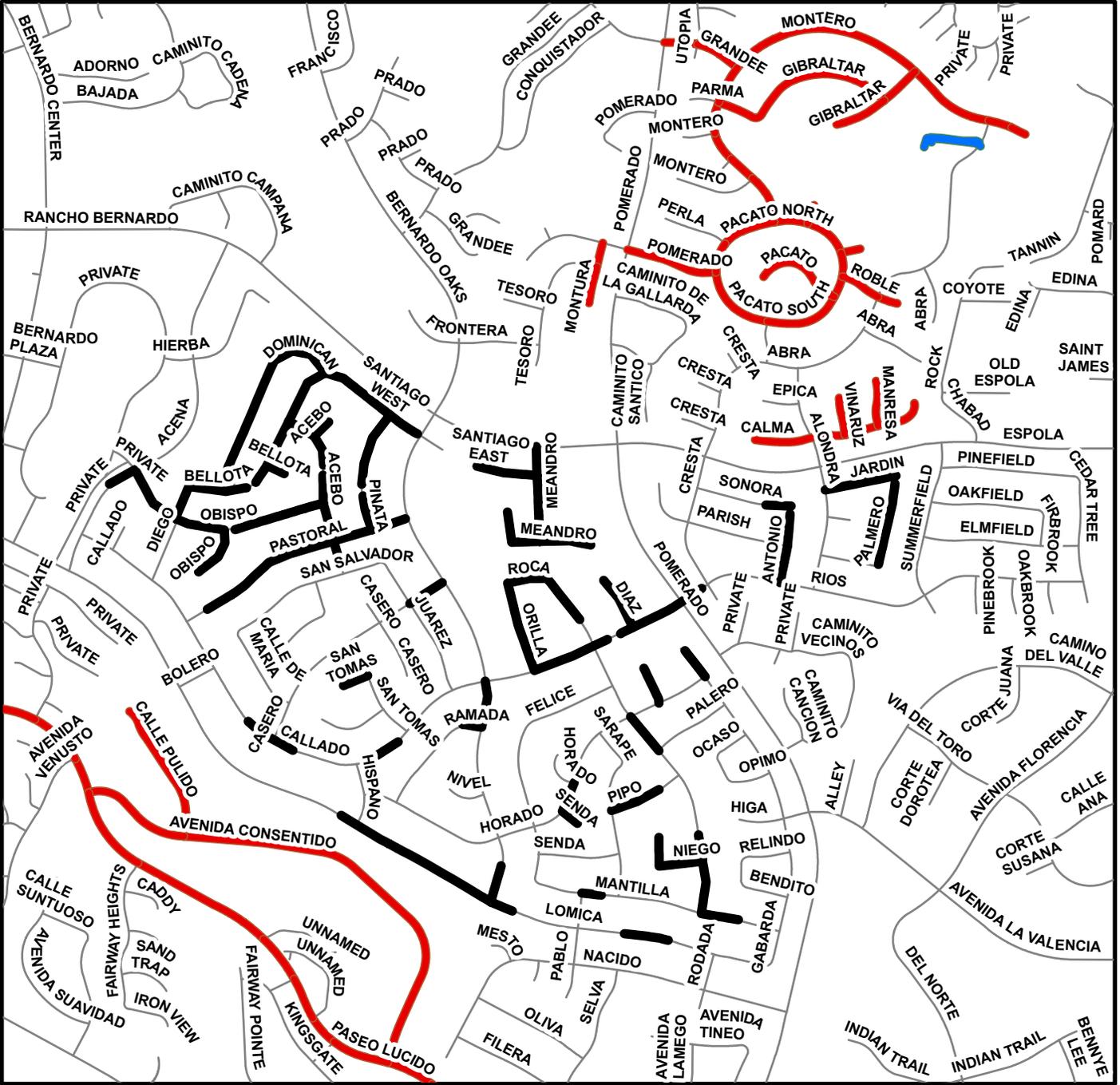
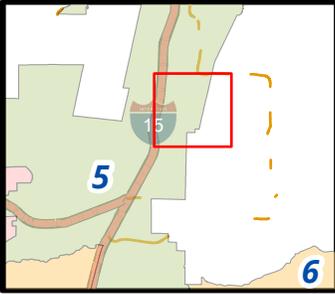
APPENDIX F
ADJACENT PROJECTS MAP

RANCHO BERNARDO IMPROV 1 - Adjacent Projects

SENIOR ENGINEER
 Jaime Ramos-Bañuelos
 619-533-5103

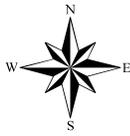
PROJECT MANAGER
 Pedro Melo Rodriguez
 619-346-0225

PROJECT ENGINEER
 Ahmad Edris Taha
 619-533-5224



Legend	Project Name	Project Manager	Contact #	Status	Construction Start Date	Construction End Date
	GATEWOOD HILLS PUMP STATION	Julie Adam	619-533-7412	Design	12/4/2025	7/15/2027
	SLURRY SEAL GROUP 2324	Kevin Yacoub	619-527-8034	Cancelled	10/29/2023	4/1/2024

B23042 RANCHO BERNARDO IMPROV 1



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APPENDIX G

**REHABILITATION DATA COLLECTION – SAMPLE SEWER MAINS, LATERALS, MANHOLES
SAMPLE DATA TEMPLATE**

APPENDIX H
SAMPLE OF PUBLIC NOTICE



CONSTRUCTION NOTICE

PROJECT TITLE

Work on your street will begin within one week to replace the existing water mains servicing your community.

The work will consist of:

- Saw-cutting and trench work on Ingulf Street from Morena Boulevard to Galveston Street to install new water mains, water laterals and fire hydrants.
- Streets where trenching takes place will be resurfaced and curb ramps will be upgraded to facilitate access for persons with disabilities where required.
- This work is anticipated to be complete in your community by December 2016.

How your neighborhood may be impacted:

- Water service to some properties during construction will be provided by a two-inch highline pipe that will run along the curb. To report a highline leak call 619-515-3525.
- Temporary water service disruptions are planned. If planned disruptions impact your property, you will receive advance notice.
- Parking restrictions will exist because of the presence of construction equipment and materials.
- "No Parking" signs will be displayed 72 hours in advance of the work.
- Cars parked in violation of signs will be TOWED.

Hours and Days of Operation:

Monday through Friday X:XX AM to X:XX PM.

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX



CONSTRUCTION NOTICE

PROJECT TITLE

Work on your street will begin within one week to replace the existing water mains servicing your community.

The work will consist of:

- Saw-cutting and trench work on Ingulf Street from Morena Boulevard to Galveston Street to install new water mains, water laterals and fire hydrants.
- Streets where trenching takes place will be resurfaced and curb ramps will be upgraded to facilitate access for persons with disabilities where required.
- This work is anticipated to be complete in your community by December 2016.

How your neighborhood may be impacted:

- Water service to some properties during construction will be provided by a two-inch highline pipe that will run along the curb. To report a highline leak call 619-515-3525.
- Temporary water service disruptions are planned. If planned disruptions impact your property, you will receive advance notice.
- Parking restrictions will exist because of the presence of construction equipment and materials.
- "No Parking" signs will be displayed 72 hours in advance of the work.
- Cars parked in violation of signs will be TOWED.

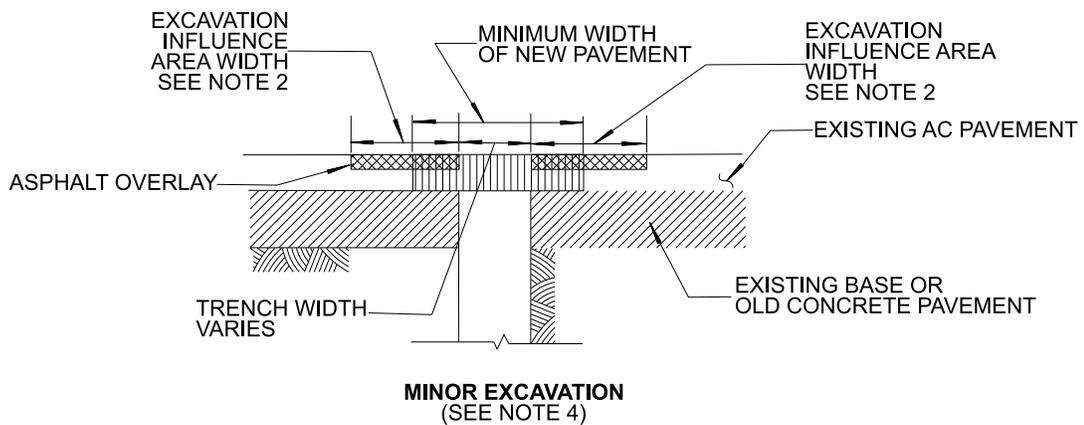
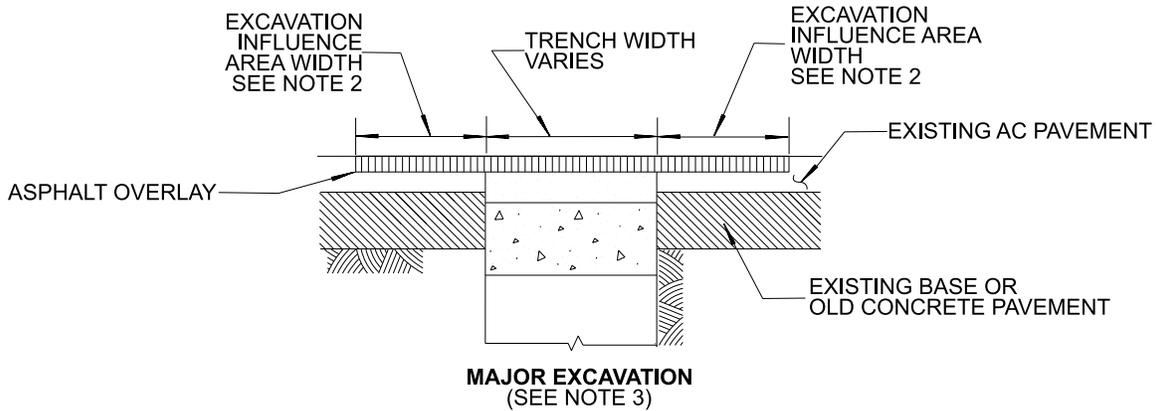
Hours and Days of Operation:

Monday through Friday X:XX AM to X:XX PM.

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX

APPENDIX I
STANDARD DRAWINGS



NOTES:

1. EXCAVATION INFLUENCE AREA MEANS THE AREA THAT IS IMPACTED BY THE EXCAVATION AS DETERMINED BY THE ENGINEER AND EXTENDS AROUND THE PERIMETER OF THE EXCAVATION AS SET FORTH IN THE TABLE 62-12A IN SECTION 62.1209 OF SAN DIEGO MUNICIPAL CODE.
2. THE EXCAVATION INFLUENCE AREA EXTENDS AROUND THE PERIMETER OF THE EXCAVATION AS SHOWN IN TABLE 1.

TABLE 1. EXCAVATION INFLUENCE AREA WIDTH

STREET CLASSIFICATION	WET UTILITIES	DRY UTILITIES
ARTERIAL STREETS	62 INCHES	51 INCHES
MAJOR STREETS	71 INCHES	55 INCHES
COLLECTOR STREETS	82 INCHES	43 INCHES
RESIDENTIAL STREETS	74 INCHES	46 INCHES

3. MAJOR EXCAVATION MEANS AN EXCAVATION INVOLVING A TRENCH GREATER THAN 6 INCHES IN WIDTH OR GREATER THAN 3 FEET IN DEPTH.
4. MINOR EXCAVATION MEANS AN EXCAVATION INVOLVING A TRENCH 6 INCHES OR LESS IN WIDTH AND 3 FEET OR LESS IN DEPTH.

SHEET 1 OF 2

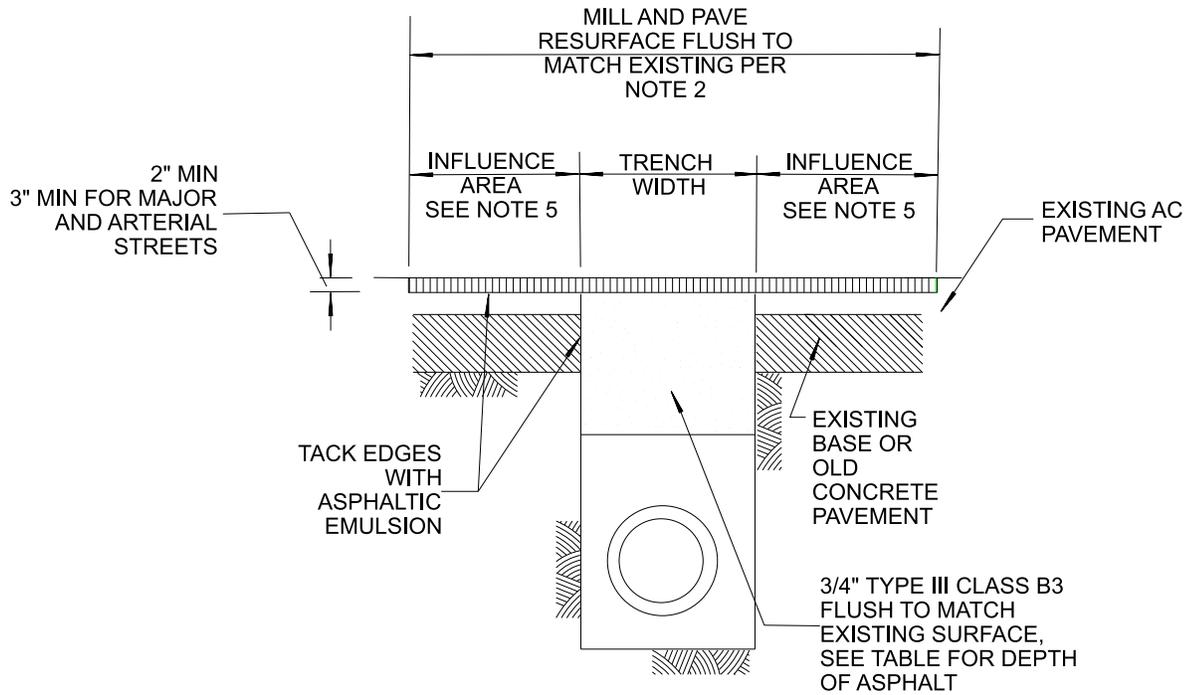
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		R. AMEN	09/23		
				PAVEMENT RESTORATION GENERAL NOTES	DRAFT
					COORDINATOR R.C.E. 81047 DATE
					DRAWING NUMBER SDG-105

NOTES (CONTINUED):

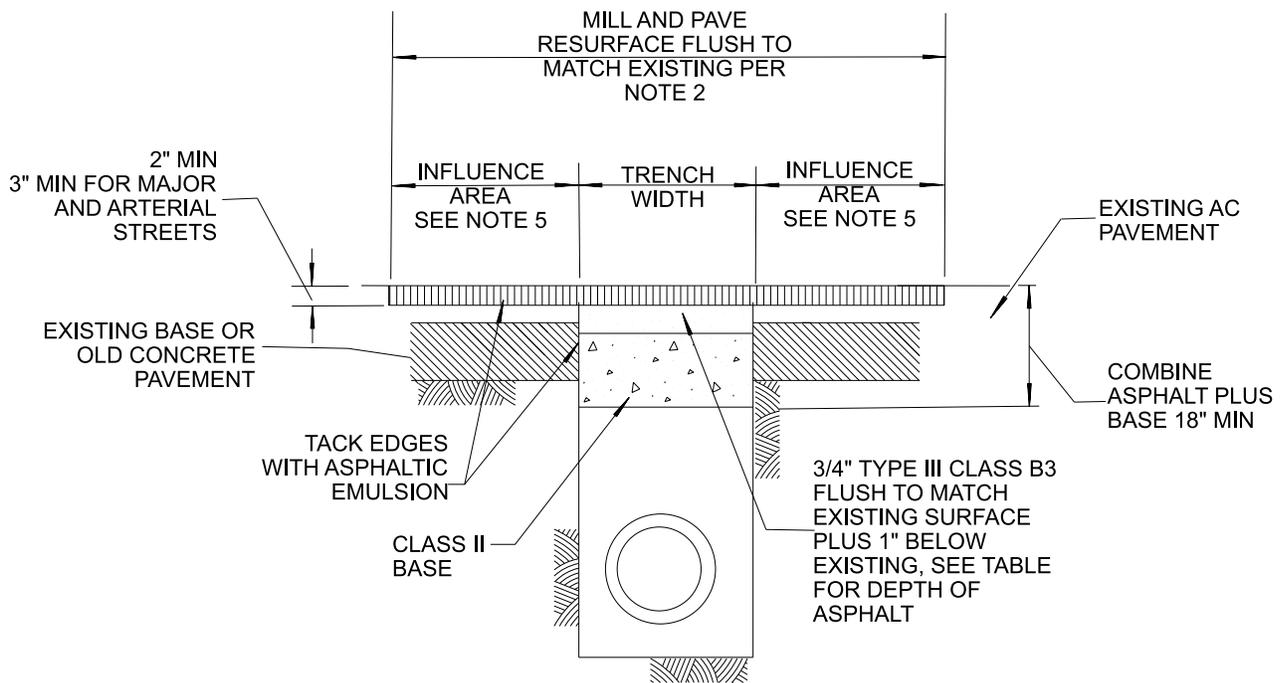
5. ADDITIONAL REPAIRS FOR MAJOR EXCAVATIONS AND MINOR EXCAVATIONS (FOR WET AND DRY UTILITIES): THE PURPOSE OF THE ADDITIONAL PAVEMENT REPAIRS, INCLUDING BUT NOT LIMITED TO BASE AND SUB-BASE REPAIRS, DIG-OUTS, INLAYS, IS TO RESTORE THE SURFACE PAVEMENT TO ITS ORIGINAL CONDITION AND TO ENSURE PUBLIC SAFETY.
6. REPAIRS TO THE EXISTING PAVEMENT WITH OBSERVABLE FAILURES WITHIN THE EXCAVATION INFLUENCE AREA PER TABLE 1 SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER. THE EXCAVATION INFLUENCE AREA IS MEASURED FROM THE OUTER EDGE OF THE TRENCH CUT EXCAVATION AND MUST BE RESURFACED REGARDLESS OF THE EXISTENCE OF OBSERVABLE FAILURE.
7. FOR ALTERNATIVE COMPLIANCE, PAVEMENT RESTORATION (MILL AND PAVE) MAY EXTEND TO THE FULL WIDTH OF OF THE IMPACTED TRAVEL LANE(S) WHERE THE STREET DAMAGE FEE WILL BE WAIVED. FOR UNMARKED TRAVEL LANES, THE CENTERLINE OF THE STREET OR INTERSECTION WILL BE CONSIDERED AS A REFERENCE FOR THE EXTENT OF THE LANE WIDTH TO CURB LINE OR POINT OF CURB RETURN (PCR).

SHEET 2 OF 2

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		R. AMEN	09/23		DRAFT
				PAVEMENT RESTORATION GENERAL NOTES	COORDINATOR R.C.E. 81047 DATE
					DRAWING NUMBER SDG-105



TYPE 1



TYPE 2

SHEET 1 OF 2

REVISION	BY	APPROVED	DATE
ORIGINAL		J.P. CASEY	12489
UPDATED	KA	J. NAGELVOORT	4/13
UPDATED	BB	J. NAGELVOORT	1/14
UPDATED	LS	J. NAGELVOORT	02/16
UPDATED	JN	J. NAGELVOORT	11/17
REDRAFTED	CD	J. NAGELVOORT	09/18
UPDATED	ED	R. AMEN	09/23

CITY OF SAN DIEGO - STANDARD DRAWING

**PAVEMENT RESTORATION FOR
ASPHALT CONCRETE SURFACED STREETS -
MAJOR EXCAVATION**

RECOMMENDED BY THE CITY
OF SAN DIEGO STANDARDS COMMITTEE

DRAFT

COORDINATOR R.C.E. 81047 DATE

DRAWING NUMBER **SDG-107**

TABLE 1

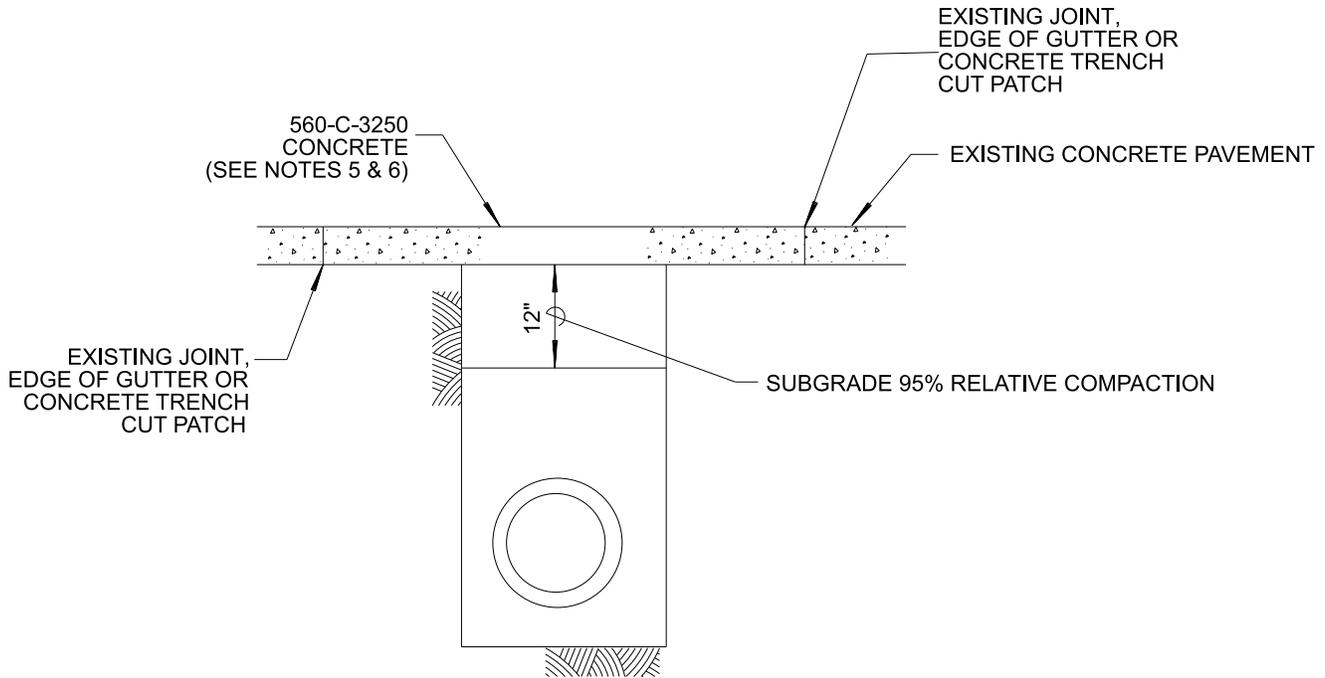
	TYPE 1	TYPE 2
	ASPHALT	ASPHALT PLUS BASE
MIX DESIGN	3/4" TYPE III CLASS B3	3/4" TYPE III CLASS B3 PLUS CLASS II BASE
ALLEYS	8.0"	ASPHALT THICKNESS TO EQUAL
LOCAL THROUGH 4 LANE COLLECTORS	10.0"	EXISTING PLUS 1", MIN 4" TO MAX. 9".
MAJOR	12.0"	COMBINED ASPHALT PLUS BASE 18" MIN.

NOTES:

1. ANY STREET TRENCH 7 FEET IN WIDTH OR GREATER AND LONGER THAN 100 FEET IN OVERALL LENGTH SHALL BE RECONSTRUCTED WITH THE PAVEMENT SECTION FOR THE STREET CLASSIFICATION PER SCHEDULE "J" (SDG-113).
2. IN STREETS NOT RECEIVING A FULL WIDTH OVERLAY PRIOR TO ACCEPTANCE, ASPHALT TRENCH CAPS SHALL BE MILLED AS SHOWN AND RESURFACED WITH 1/2" TYPE III CLASS C2 ASPHALT NO LESS THAN 30 CALENDAR DAYS AFTER INITIAL ASPHALT PLACEMENT.
3. IF THE STREET IS NOT SUBJECT TO CURB TO CURB ASPHALT OVERLAY, IT MUST COMPLETE FINAL STREET RESTORATION WITHIN 180 CALENDAR DAYS OF THE TRENCH CAP.
4. WHEN DIRECTED BY CITY ENGINEER OR SHOWN ON THE PLANS, CONCRETE PER SDG-108 (NOTE #5) MAY BE PLACED; A 1/8" - 1/4" WEARING SURFACING OF TYPE III CLASS F ASPHALT CONCRETE WILL BE REQUIRED.
5. ASPHALT OVERLAY THE ENTIRE LENGTH OF THE TRENCH INCLUDING THE INFLUENCE AREA AROUND THE PERIMETER OF THE EXCAVATION PER TABLE 1 IN SDG-105.
 - A. IF THE TRENCH OR EXCAVATION INFLUENCE AREA ENTERS A BICYCLE LANE, THE ENTIRE WIDTH OF THE BICYCLE SHALL BE ASPHALT OVERLAYED AND RESTRIPEDED FOR THE LENGTH OF THE TRENCH INCLUDING EXCAVATION INFLUENCE AREA. REPLACE IN KIND ANY EXISTING DELINEATORS.
6. EXCAVATOR SHALL ASPHALT OVERLAY IN MORATORIUM STREETS UNDER MORATORIUM DUE TO NEW CONSTRUCTION, RECONSTRUCTION, OR ASPHALT OVERLAY WITHIN 180 WORKING DAYS AFTER THE ENGINEER APPROVES THE TRENCH REPAIR.

SHEET 2 OF 2

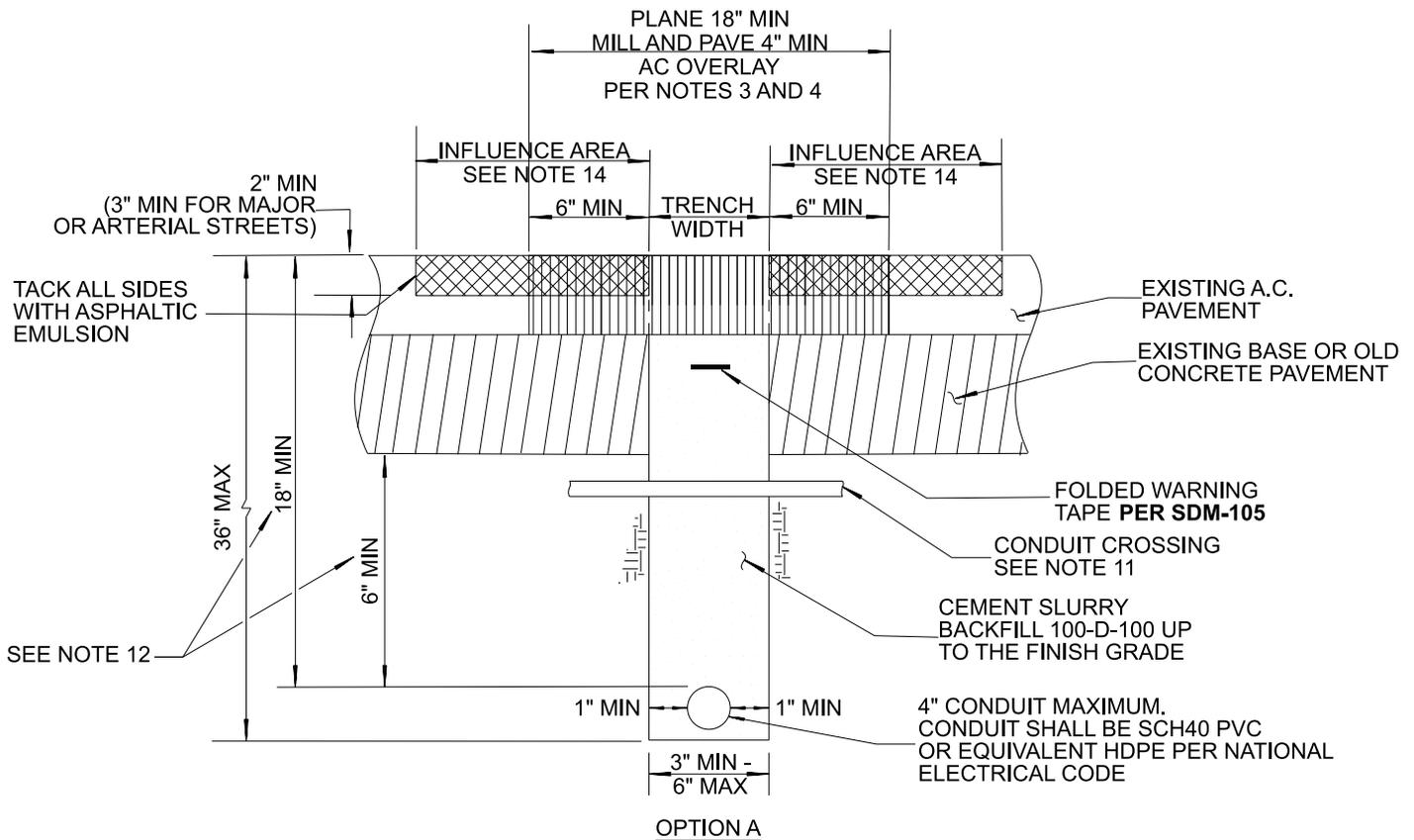
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL		J.P. CASEY	12489			
UPDATED	KA	J. NAGELVOORT	4/13	PAVEMENT RESTORATION FOR ASPHALT CONCRETE SURFACED STREETS - MAJOR EXCAVATION	DRAFT	
UPDATED	BB	J. NAGELVOORT	1/14			COORDINATOR R.C.E. 81047 DATE
UPDATED	LS	J. NAGELVOORT	02/16		DRAWING	SDG-107
UPDATED	JN	J. NAGELVOORT	11/17		NUMBER	
REDRAFTED	CD	J. NAGELVOORT	09/18			
UPDATED	ED	R. AMEN	10/23			



NOTES:

1. CONCRETE PAVEMENT RESTORATION SHALL EXTEND BEYOND THE EDGE OF THE TRENCH CUT TO THE NEAREST JOINT (FULL WIDTH OF CONCRETE PANEL, JOINT TO JOINT AROUND THE PERIMETER OF THE EXCAVATION) OR TO THE EDGE OF THE GUTTER. IF NO GUTTER IS PRESENT, EXTEND THE RESTORATION TO THE NEAREST CURB.
 - A. FOR CONCRETE PAVEMENT WITH EXISTING TRENCH CUT PATCHES THAT ARE 4'-0" OR LESS FROM THE EDGE OF THE EXCAVATION, CONCRETE PAVEMENT RESTORATION SHALL INCLUDE REMOVING THE EXISTING TRENCH CUT PATCHES AND REPLACING IT WITHIN THE NEW PCC CONSTRUCTION FOR THE NEW PANEL.
 - B. IF TRENCH CUT IS IN ALLEY APRON, CONCRETE RESTORATION SHALL BE TO THE NEAREST JOINT OR REPLACE ENTIRE ALLEY APRON IF NO JOINT. FOR NON-STANDARD ALLEY, INSTALL NEW CONCRETE PAVEMENT AS NEW JOINTS CAN BE INSTALLED TO THE EXTENTS OF THE RIGHT-OF-WAY.
2. PRIOR TO PLACING CONCRETE, PAVEMENT EDGES SHALL BE TRIMMED TO NEAT HORIZONTAL AND VERTICAL LINES.
3. UNLESS OTHERWISE SPECIFIED, CONCRETE TRENCH COVER SHALL BE A MINIMUM OF 5 1/2" FOR ALLEYS, 7" FOR LOCAL THROUGH FOUR LANE COLLECTOR STREETS AND 9" THICK FOR ALL MAJOR OR GREATER STREET CLASSIFICATIONS.
4. ANY STREET TRENCH 7'-0" IN WIDTH OR GREATER AND LONGER THAN 100'-0" IN LENGTH SHALL BE RECONSTRUCTED WITH THE PAVEMENT SECTION FOR THE STREET CLASSIFICATION **PER SCHEDULE "J" (SDG-113)**. STREET TRENCH SECTIONS 7'-0" IN WIDTH OR GREATER BUT LESS THAN 100'-0" IN OVERALL LENGTH SHALL BE RESURFACED TO A THICKNESS OF 1" GREATER THAN REQUIRED BY NOTE 3 ABOVE.
5. 560-C-3250 CONCRETE TREATED WITH A MINIMUM 2% CALCIUM CHLORIDE SOLUTION IN ACCORDANCE WITH 201-1 OR 650-CW-4000 (W/O CC) CONCRETE MAY BE OPENED TO TRAFFIC 3 DAYS AFTER IT IS PLACED. 650-CW-4000 CONCRETE TREATED IN SAME MANNER (W/CC) MAY BE OPENED TO TRAFFIC 24 HOURS AFTER IT IS PLACED. CONCRETE SPECIFIED BY ALTERNATE CLASS OR OTHERWISE CONTAINING FLY ASH IS NOT ALLOWED.
6. IN FOUR-LANE MAJOR OR GREATER STREETS, AN APPROVED SET ACCELERATING ADMIXTURE SUCH AS CALCIUM CHLORIDE, SHALL BE USED IN THE CONCRETE.
7. FINAL STREET RESTORATION SHALL BE COMPLETED WITHIN 180 CALENDAR DAYS AFTER COMPLETION OF THE TRENCH WORK WITHIN A STREET SEGMENT.

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL		J.CASEY	01/89		PAVEMENT RESTORATION FOR CONCRETE SURFACED STREETS AND ALLEYS - MAJOR EXCAVATION	DRAFT
UPDATED	KA	J. NAGELVOORT	01/12	COORDINATOR		R.C.E. 81047
UPDATED	BB	J. NAGELVOORT	01/14	DATE		
UPDATED	BB	J. NAGELVOORT	03/15	DRAWING		
REDRAFTED	CD	J. NAGELVOORT	09/18	NUMBER		SDG-108
UPDATED	FM	R. AMEN	09/23			



NOTES (OPTION A):

1. NEW TRENCH LOCATION SHALL BE 36 INCHES MINIMUM AND 72 INCHES MAXIMUM FROM LIP OF GUTTER, AND AT LEAST 36 INCHES CLEAR FROM ANY CITY UNDERGROUND FACILITIES.
 - A. THE CONTRACTOR SHALL CONTACT THE ENGINEER TO INSPECT AND APPROVE THE TRAFFIC CONTROL PLAN PRIOR TO START OF EXCAVATION IN A BICYCLE LANE. ENSURE ADEQUATE PROVISIONS HAVE BEEN INCLUDED FOR BICYCLE TRAFFIC INCLUDING BICYCLE DETOURS, IF APPLICABLE.
 - B. WHEN THE TRENCH AND/OR INFLUENCE AREA IS LOCATED WITHIN THE BICYCLE LANE, THE CONTRACTOR MUST PAVE THE FULL WIDTH OF THE BICYCLE LANE TO THE FACE OF CURB (I.E. GRIND AND OVERLAY) WITHIN SEVEN (7) CALENDAR DAYS OF AFTER THE INITIAL EXCAVATION. AT NO TIME SHALL A PARALLEL CUT OR SEAM EXIST IN THE BICYCLE LANE AS A FINAL RESTORATION.
 - C. THE CONTRACTOR SHALL PERFORM TRENCHING IN THE BICYCLE LANE IN ROAD SEGMENTS NOT TO EXCEED 500 LINEAR FEET PER SEGMENT. THE CONTRACTOR SHALL FULLY COMPLETE THE WORK ON EACH SEGMENT PRIOR TO STARTING THE NEXT SEGMENT.
2. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, HAVE A MAXIMUM SLUMP OF 4 INCHES. FLY ASH MEETING THE REQUIREMENTS OF 201-1.2.5.3 MAY BE ADDED (NOT AS A SUBSTITUTE) TO THE MINIMUM CEMENT REQUIREMENTS. SLURRY COMBINED GRADING SHALL MEET REQUIREMENTS OF 201-1.3.2 (A) GRADING D.
3. BALL DROP TEST PER ASTM D6024 SHALL BE PERFORMED ON SLURRY AND ACHIEVE A MAXIMUM INDENTATION DIAMETER OF 3 INCHES PRIOR TO PLACEMENT OF ASPHALT CONCRETE. SLURRY PLACED IN NARROW TRENCHES WHERE BALL DROP TEST CANNOT BE PERFORMED SHALL BE CURED A MINIMUM OF 48 HOURS PRIOR TO PLACEMENT OF ASPHALT CONCRETE. PERMANENT RESURFACING SHALL BE COMPLETED IN NO MORE THAN 7 DAYS AFTER PLACEMENT OF CEMENT SLURRY.

SEE ADDITIONAL NOTES ON SHEET 2

SHEET 1 OF 6

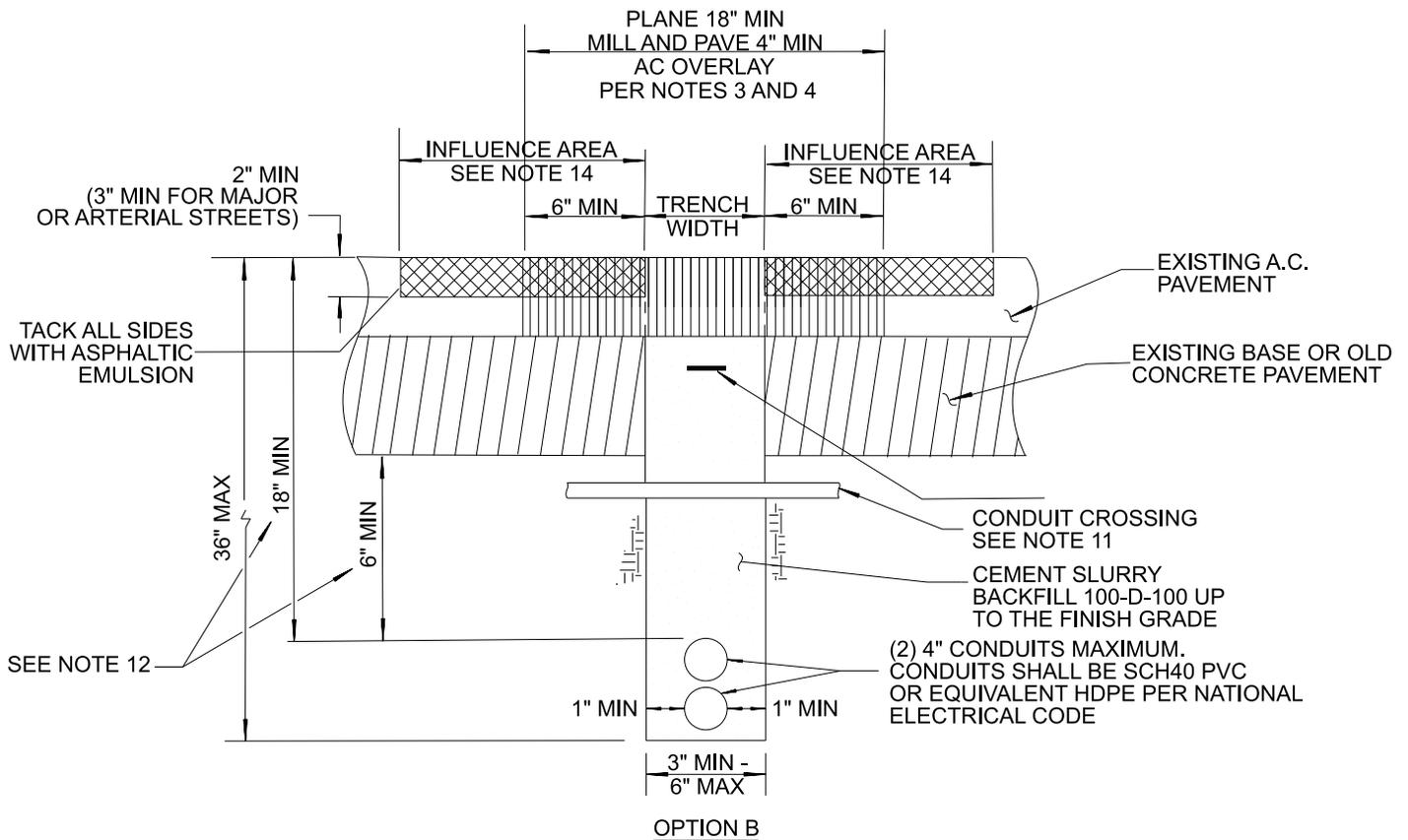
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		BAHMANIAN	04/86	PAVEMENT RESTORATION FOR ASPHALT CONCRETE SURFACED STREETS - MINOR EXCAVATION OPTION A - ONE CONDUIT	DRAFT COORDINATOR R.C.E. 81047 DATE
UPDATED	AA	J. NAGELVOORT	02/16		
UPDATED	LS	M. GIBSON	05/17		
REDRAFTED	CD	J. NAGELVOORT	09/18		
UPDATED	LS	J. NAGELVOORT	04/21		
UPDATED	RC	R. AMEN	10/23		

NOTES (CONTINUED FOR OPTION A):

4. DURING PLACEMENT, CONCAVE SLURRY SURFACE WITH A SHOVEL TO 1/2 INCH - 1 INCH DEPTH.
5. MINIMUM SPECIFIED SEPARATIONS MUST BE MAINTAINED UNTIL SLURRY HAS FULLY CURED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE CONDUIT DOES NOT SHIFT HORIZONTALLY OR FLOAT VERTICALLY IN THE TRENCH DURING THE APPLICATION OF THE SLURRY. SPOT POUR ONE SACK SLURRY OVER CONDUIT AT 25 FOOT INTERVALS TO PREVENT CONDUIT FROM FLOATING.
6. CUTS SHALL BE STRAIGHT. EXISTING A.C. PAVEMENT WILL NOT REQUIRE SAW CUTTING WHEN USING ROCKWHEEL FOR EXCAVATION PROVIDED THAT A SMOOTH SURFACE IS PRODUCED.
7. TRENCH SHALL BE MILLED TO A DEPTH OF 4 INCHES A MINIMUM OF 18 INCHES WIDE OR 12 INCHES WIDER THAN TRENCH WIDTH, WHICHEVER IS GREATER, AND RESURFACED WITH 1/2 INCH TYPE III CLASS C2 ASPHALT.
8. WHEN PCC TRENCH RESURFACING IS DIRECTED BY CITY ENGINEER, SHOWN ON THE PLANS, OR REQUIRED FOR A PCC SURFACED STREET, FOR ASPHALT STREETS SEE SDG-107 (NOTE #3) AND FOR CONCRETE SURFACED STREETS SEE SDG-108.
9. SDG-117A SHALL BE USED FOR THE PLACEMENT OF ONE CONDUIT. FOR THE PLACEMENT OF TWO CONDUITS USE SDG-117B AND FOR PLACEMENT OF THREE OR MORE CONDUITS USE SDG-117C OR SDG-119.
10. ALLOW THREE HOURS MINIMUM FOR ONE SACK SLURRY TRENCH BACKFILL CURE TIME FOR TRENCHES PARALLEL TO THE STREET BEFORE OPENING TO TRAFFIC.
11. SLEEVE EXISTING CONDUITS AT CROSSING.
12. TOP OF CONDUIT SHALL BE 18 INCHES MINIMUM FROM TOP OF PAVEMENT OR 6 INCHES MINIMUM FROM BOTTOM OF PAVEMENT SECTION, WHICHEVER IS GREATER.
13. CLEARANCE SEPARATIONS BETWEEN DRY AND WET UTILITIES PER CALIFORNIA PUBLIC UTILITY CODE GENERAL ORDER 128 SHALL BE MAINTAINED.
14. ASPHALT OVERLAY THE ENTIRE LENGTH OF THE TRENCH INCLUDING THE INFLUENCE AREA AROUND THE PERIMETER OF THE EXCAVATION PER TABLE 1 IN SDG-105.
 - A. IF THE TRENCH OR EXCAVATION INFLUENCE AREA ENTERS A BICYCLE LANE, THE ENTIRE WIDTH OF THE BICYCLE SHALL BE ASPHALT OVERLAYED AND RESTRIPEDED FOR THE LENGTH OF THE TRENCH INCLUDING EXCAVATION INFLUENCE AREA. REPLACE IN KIND ANY EXISTING DELINEATORS.

SHEET 2 OF 6

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING PAVEMENT RESTORATION FOR ASPHALT CONCRETE SURFACED STREETS - MINOR EXCAVATION OPTION A - ONE CONDUIT	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE DRAFT
ORIGINAL		BAHMANIAN	04/86		
UPDATED	AA	J. NAGELVOORT	02/16		DRAWING
UPDATED	LS	M. GIBSON	05/17		NUMBER
REDRAFTED	CD	J. NAGELVOORT	09/18		SDG-117A
UPDATED	LS	J. NAGELVOORT	04/21		
UPDATED	RC	R. AMEN	10/23		



NOTES (OPTION B):

1. NEW TRENCH LOCATION SHALL BE 36 INCHES MINIMUM AND 72 INCHES MAXIMUM FROM LIP OF GUTTER, AND AT LEAST 36 INCHES CLEAR FROM ANY CITY UNDERGROUND FACILITIES.
 - A. THE CONTRACTOR SHALL CONTACT THE ENGINEER TO INSPECT AND APPROVE THE TRAFFIC CONTROL PLAN PRIOR TO START OF EXCAVATION IN A BICYCLE LANE. ENSURE ADEQUATE PROVISIONS HAVE BEEN INCLUDED FOR BICYCLE TRAFFIC INCLUDING BICYCLE DETOURS, IF APPLICABLE.
 - B. WHEN THE TRENCH AND/OR INFLUENCE AREA IS LOCATED WITHIN THE BICYCLE LANE, THE CONTRACTOR MUST PAVE THE FULL WIDTH OF THE BICYCLE LANE TO THE FACE OF CURB (I.E. GRIND AND OVERLAY) WITHIN SEVEN (7) CALENDAR DAYS OF AFTER THE INITIAL EXCAVATION. AT NO TIME SHALL A PARALLEL CUT OR SEAM EXIST IN THE BICYCLE LANE AS A FINAL RESTORATION.
 - C. THE CONTRACTOR SHALL PERFORM TRENCHING IN THE BICYCLE LANE IN ROAD SEGMENTS NOT TO EXCEED 500 LINEAR FEET PER SEGMENT. THE CONTRACTOR SHALL FULLY COMPLETE THE WORK ON EACH SEGMENT PRIOR TO STARTING THE NEXT SEGMENT.
2. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, HAVE A MAXIMUM SLUMP OF 4 INCHES. FLY ASH MEETING THE REQUIREMENTS OF 201-1.2.5.3 MAY BE ADDED (NOT AS A SUBSTITUTE) TO THE MINIMUM CEMENT REQUIREMENTS. SLURRY COMBINED GRADING SHALL MEET REQUIREMENTS OF 201-1.3.2 (A) GRADING D.
3. BALL DROP TEST PER ASTM D6024 SHALL BE PERFORMED ON SLURRY AND ACHIEVE A MAXIMUM INDENTATION DIAMETER OF 3 INCHES PRIOR TO PLACEMENT OF ASPHALT CONCRETE. SLURRY PLACED IN NARROW TRENCHES WHERE BALL DROP TEST CANNOT BE PERFORMED SHALL BE CURED A MINIMUM OF 48 HOURS PRIOR TO PLACEMENT OF ASPHALT CONCRETE. PERMANENT RESURFACING SHALL BE COMPLETED IN NO MORE THAN 7 DAYS AFTER PLACEMENT OF CEMENT SLURRY.

SEE ADDITIONAL NOTES ON SHEET 4

SHEET 3 OF 6

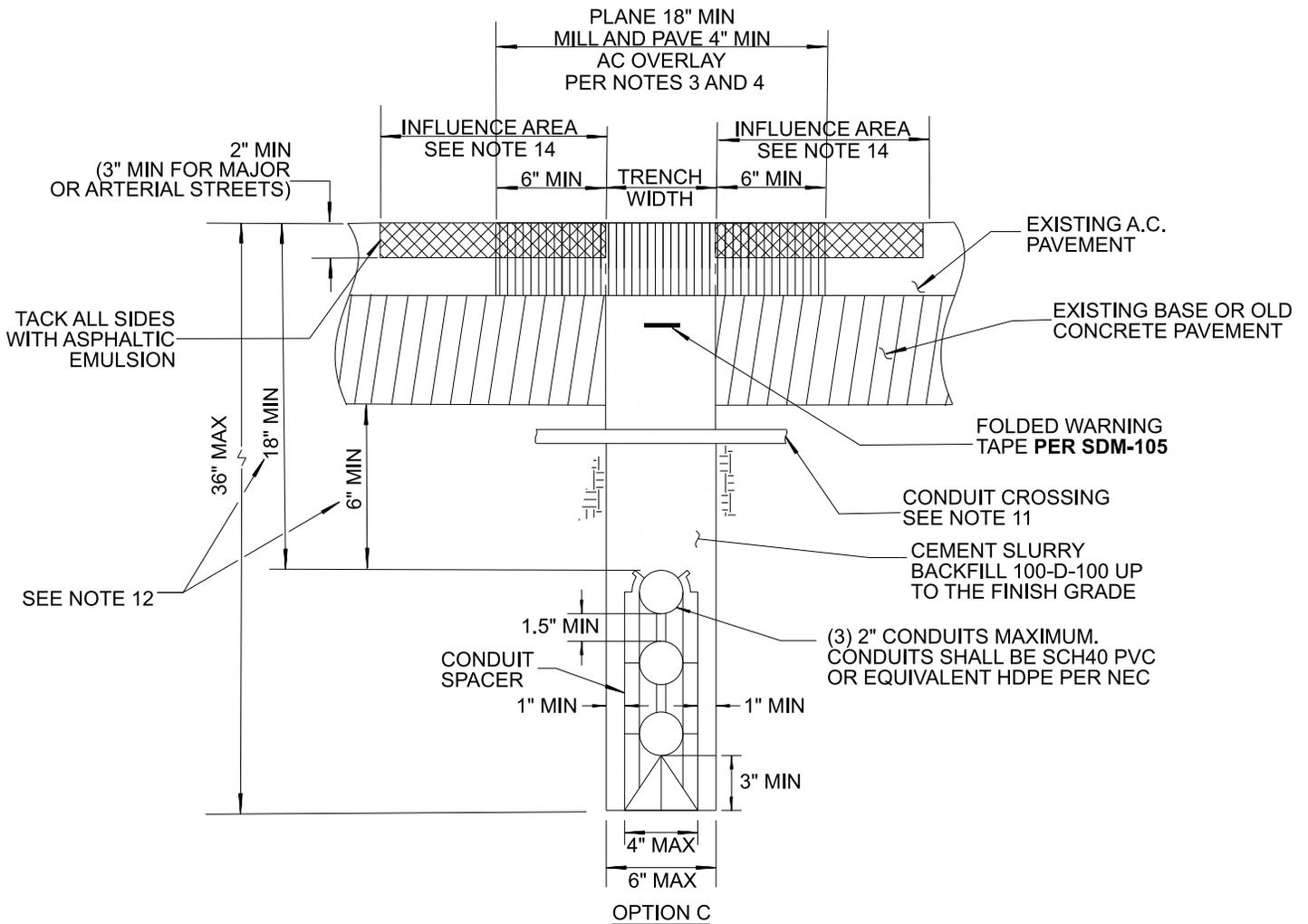
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		BAHMANIAN	04/86		
UPDATED	AA	J. NAGELVOORT	02/16		
UPDATED	LS	M. GIBSON	05/17		
REDRAFTED	CD	J. NAGELVOORT	09/18		
UPDATED	LS	J. NAGELVOORT	04/21		
UPDATED	RC	R. AMEN	10/23		
				DRAWING NUMBER	SDG-117B

NOTES (CONTINUED FOR OPTION B):

4. DURING PLACEMENT, CONCAVE SLURRY SURFACE WITH A SHOVEL TO 1/2 INCH - 1 INCH DEPTH.
5. MINIMUM SPECIFIED SEPARATIONS MUST BE MAINTAINED UNTIL SLURRY HAS FULLY CURED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE CONDUIT DOES NOT SHIFT HORIZONTALLY OR FLOAT VERTICALLY IN THE TRENCH DURING THE APPLICATION OF THE SLURRY. SPOT POUR ONE SACK SLURRY OVER CONDUIT AT 25 FOOT INTERVALS TO PREVENT CONDUIT FROM FLOATING.
6. CUTS SHALL BE STRAIGHT. EXISTING A.C. PAVEMENT WILL NOT REQUIRE SAW CUTTING WHEN USING ROCKWHEEL FOR EXCAVATION PROVIDED THAT A SMOOTH SURFACE IS PRODUCED.
7. TRENCH SHALL BE MILLED TO A DEPTH OF 4 INCHES AND A MINIMUM OF 18 INCHES WIDE OR 12 INCHES WIDER THAN TRENCH WIDTH, WHICHEVER IS GREATER, AND RESURFACED WITH 1/2 INCH TYPE III CLASS C2 ASPHALT.
8. WHEN PCC PAVEMENT RESTORATION IS DIRECTED BY CITY ENGINEER, SHOWN ON THE PLANS, OR REQUIRED FOR A PCC SURFACED STREET, FOR ASPHALT STREETS SEE SDG-107 (NOTE #3) AND FOR CONCRETE SURFACED STREETS SEE SDG-108.
9. SDG-117A SHALL BE USED FOR THE PLACEMENT OF ONE CONDUIT. FOR THE PLACEMENT OF TWO CONDUITS USE SDG-117B AND FOR PLACEMENT OF THREE OR MORE CONDUITS USE SDG-117C OR SDG-119.
10. ALLOW THREE HOURS MINIMUM FOR ONE SACK SLURRY TRENCH BACKFILL CURE TIME FOR TRENCHES PARALLEL TO THE STREET BEFORE OPENING TO TRAFFIC.
11. SLEEVE EXISTING CONDUITS AT CROSSING.
12. TOP OF CONDUIT SHALL BE 18 INCHES MINIMUM FROM TOP OF PAVEMENT OR 6 INCHES MINIMUM FROM BOTTOM OF PAVEMENT SECTION, WHICHEVER IS GREATER.
13. CLEARANCE SEPARATIONS BETWEEN DRY AND WET UTILITIES PER CALIFORNIA PUBLIC UTILITY CODE GENERAL ORDER 128 SHALL BE MAINTAINED.
14. ASPHALT OVERLAY THE ENTIRE LENGTH OF THE TRENCH INCLUDING THE INFLUENCE AREA AROUND THE PERIMETER OF THE EXCAVATION PER TABLE 1 IN SDG-105.
 - A. IF THE TRENCH OR EXCAVATION INFLUENCE AREA ENTERS A BICYCLE LANE, THE ENTIRE WIDTH OF THE BICYCLE SHALL BE ASPHALT OVERLAYED AND RESTRIPEDED FOR THE LENGTH OF THE TRENCH INCLUDING EXCAVATION INFLUENCE AREA. REPLACE IN KIND ANY EXISTING DELINEATORS.

SHEET 4 OF 6

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING PAVEMENT RESTORATION FOR ASPHALT CONCRETE SURFACE STREETS - MINOR EXCAVATION OPTION B - TWO CONDUITS	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		BAHMANIAN	0486		DRAFT
UPDATED	AA	J. NAGELVOORT	02/16		COORDINATOR R.C.E. 81047 DATE
UPDATED	LS	M. GIBSON	05/17		SDG-117B
REDRAFTED	CD	J. NAGELVOORT	0918		
UPDATED	LS	J. NAGELVOORT	0421		
UPDATED	RC	R. AMEN	1023		



NOTES (OPTION C):

1. NEW TRENCH LOCATION SHALL BE 36 INCHES MINIMUM AND 72 INCHES MAXIMUM FROM LIP OF GUTTER, AND AT LEAST 36 INCHES CLEAR FROM ANY CITY UNDERGROUND FACILITIES.
 - A. THE CONTRACTOR SHALL CONTACT THE ENGINEER TO INSPECT AND APPROVE THE TRAFFIC CONTROL PLAN PRIOR TO START OF EXCAVATION IN A BICYCLE LANE. ENSURE ADEQUATE PROVISIONS HAVE BEEN INCLUDED FOR BICYCLE TRAFFIC INCLUDING BICYCLE DETOURS, IF APPLICABLE.
 - B. WHEN THE TRENCH AND/OR INFLUENCE AREA IS LOCATED WITHIN THE BICYCLE LANE, THE CONTRACTOR MUST PAVE THE FULL WIDTH OF THE BICYCLE LANE TO THE FACE OF CURB (I.E. GRIND AND OVERLAY) WITHIN SEVEN (7) CALENDAR DAYS OF AFTER THE INITIAL EXCAVATION. AT NO TIME SHALL A PARALLEL CUT OR SEAM EXIST IN THE BICYCLE LANE AS A FINAL RESTORATION.
 - D. THE CONTRACTOR SHALL PERFORM TRENCHING IN THE BICYCLE LANE IN ROAD SEGMENTS NOT TO EXCEED 500 LINEAR FEET PER SEGMENT. THE CONTRACTOR SHALL FULLY COMPLETE THE WORK ON EACH SEGMENT PRIOR TO STARTING THE NEXT SEGMENT.
2. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, HAVE A MAXIMUM SLUMP OF 4 INCHES. FLY ASH MEETING THE REQUIREMENTS OF 201-1.2.5.3 MAY BE ADDED (NOT AS A SUBSTITUTE) TO THE MINIMUM CEMENT REQUIREMENTS. SLURRY COMBINED GRADING SHALL MEET REQUIREMENTS OF 201-1.3.2 (A) GRADING D.

SEE ADDITIONAL NOTES ON SHEET 6

SHEET 5 OF 6

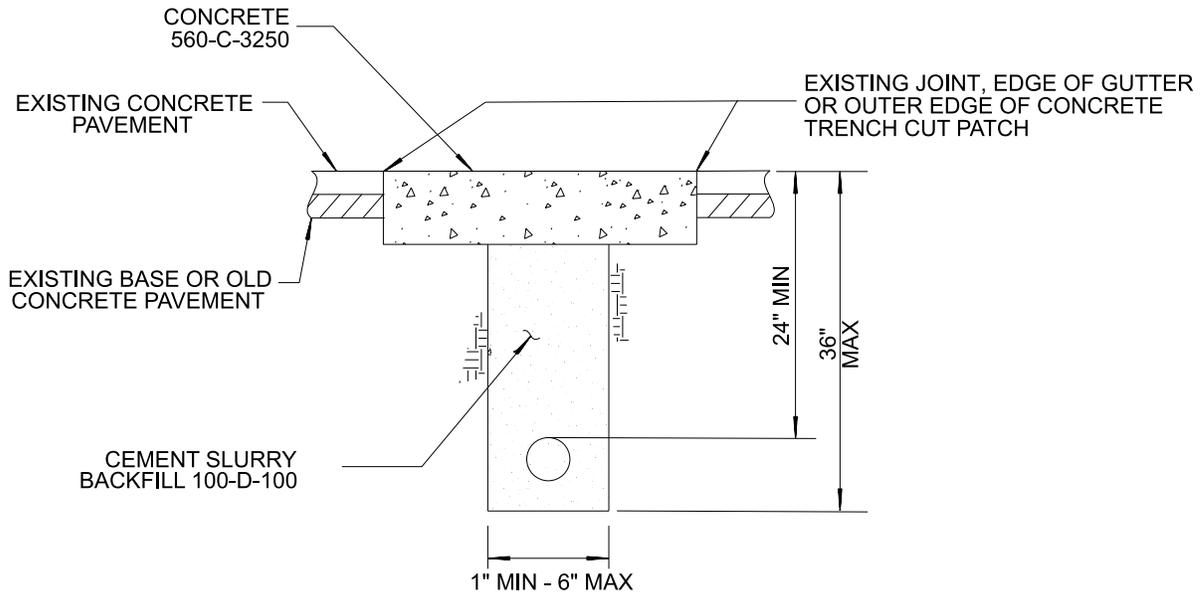
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING		RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		BAHMANIAN	04/86	PAVEMENT RESTORATION FOR ASPHALT CONCRETE SURFACED STREETS - MINOR EXCAVATION OPTION C - THREE CONDUITS		DRAFT
UPDATED	AA	J. NAGELVOORT	02/16			COORDINATOR R.C.E. 81047 DATE
UPDATED	LS	M. GIBSON	05/17			
REDRAFTED	CD	J. NAGELVOORT	09/18			
UPDATED	LS	J. NAGELVOORT	04/21			
UPDATED	RC	R. AMEN	10/23			
				DRAWING NUMBER		SDG-117C

NOTES (CONTINUED FOR OPTION C):

3. BALL DROP TEST PER ASTM D6024 SHALL BE PERFORMED ON SLURRY AND ACHIEVE A MAXIMUM INDENTATION DIAMETER OF 3 INCHES PRIOR TO PLACEMENT OF ASPHALT CONCRETE. SLURRY PLACED IN NARROW TRENCHES WHERE BALL DROP TEST CANNOT BE PERFORMED SHALL BE CURED A MINIMUM OF 48 HOURS PRIOR TO PLACEMENT OF ASPHALT CONCRETE. PERMANENT RESURFACING SHALL BE COMPLETED IN NO MORE THAN 7 DAYS AFTER PLACEMENT OF CEMENT SLURRY.
4. DURING PLACEMENT, CONCAVE SLURRY SURFACE WITH A SHOVEL TO 1/2 INCH - 1 INCH DEPTH.
5. MINIMUM SPECIFIED SEPARATIONS MUST BE MAINTAINED UNTIL SLURRY HAS FULLY CURED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE CONDUIT DOES NOT SHIFT HORIZONTALLY OR FLOAT VERTICALLY IN THE TRENCH DURING THE APPLICATION OF THE SLURRY. SPOT POUR ONE SACK SLURRY OVER CONDUIT AT 25 FOOT INTERVALS TO PREVENT CONDUIT FROM FLOATING.
6. CUTS SHALL BE STRAIGHT. EXISTING A.C. PAVEMENT WILL NOT REQUIRE SAW CUTTING WHEN USING ROCKWHEEL FOR EXCAVATION PROVIDED THAT A SMOOTH SURFACE IS PRODUCED.
7. TRENCH SHALL BE MILLED TO A DEPTH OF 4 INCHES AND A MINIMUM OF 18 INCHES WIDE OR 12 INCHES WIDER THAN TRENCH WIDTH, WHICHEVER IS GREATER, AND RESURFACED WITH 1/2 INCH TYPE III CLASS C2 ASPHALT.
8. WHEN PCC TRENCH RESURFACING IS DIRECTED BY CITY ENGINEER, SHOWN ON THE PLANS, OR REQUIRED FOR A PCC SURFACED STREET, FOR ASPHALT STREETS **SEE SDG-107** (NOTE #3) AND FOR CONCRETE SURFACED STREETS **SEE SDG-108**.
9. FOR PLACEMENT OF ADDITIONAL CONDUITS THAT EXCEED THE MAXIMUM ALLOWABLE TRENCH DIMENSIONS IN **SDG-117C** USE **SDG-119**.
10. ALLOW THREE HOURS MINIMUM FOR ONE SACK SLURRY TRENCH BACKFILL CURE TIME FOR TRENCHES PARALLEL TO THE STREET BEFORE OPENING TO TRAFFIC.
11. SLEEVE EXISTING CONDUITS AT CROSSING.
12. TOP OF CONDUIT SHALL BE 18" MINIMUM FROM TOP OF PAVEMENT OR 6" MINIMUM FROM BOTTOM OF PAVEMENT SECTION, WHICHEVER IS GREATER.
13. CONDUIT DUCT SPACERS SHALL BE USED TO MAINTAIN A 3 INCH MINIMUM SEPARATION FROM THE BOTTOM OF THE TRENCH AND 1 INCH SEPARATIONS FROM THE SIDES OF THE TRENCH TO INSURE SLURRY ENCAPSULATION OF THE CONDUIT PACKAGE.
14. SPACERS SHALL BE PLACED EVERY 6 FEET ON CENTER ALONG THE ALIGNMENT OF THE CONDUIT.
15. CLEARANCE SEPARATIONS BETWEEN DRY AND WET UTILITIES PER CALIFORNIA PUBLIC UTILITY CODE GENERAL ORDER 128 SHALL BE MAINTAINED.
16. ASPHALT OVERLAY THE ENTIRE LENGTH OF THE TRENCH INCLUDING THE INFLUENCE AREA AROUND THE PERIMETER OF THE EXCAVATION PER TABLE 1 IN SDG-105.
 - A. IF THE TRENCH OR EXCAVATION INFLUENCE AREA ENTERS A BICYCLE LANE, THE ENTIRE WIDTH OF THE BICYCLE SHALL BE ASPHALT OVERLAYED AND RESTRIPEDED FOR THE LENGTH OF THE TRENCH INCLUDING EXCAVATION INFLUENCE AREA. REPLACE IN KIND ANY EXISTING DELINEATORS.

SHEET 6 OF 6

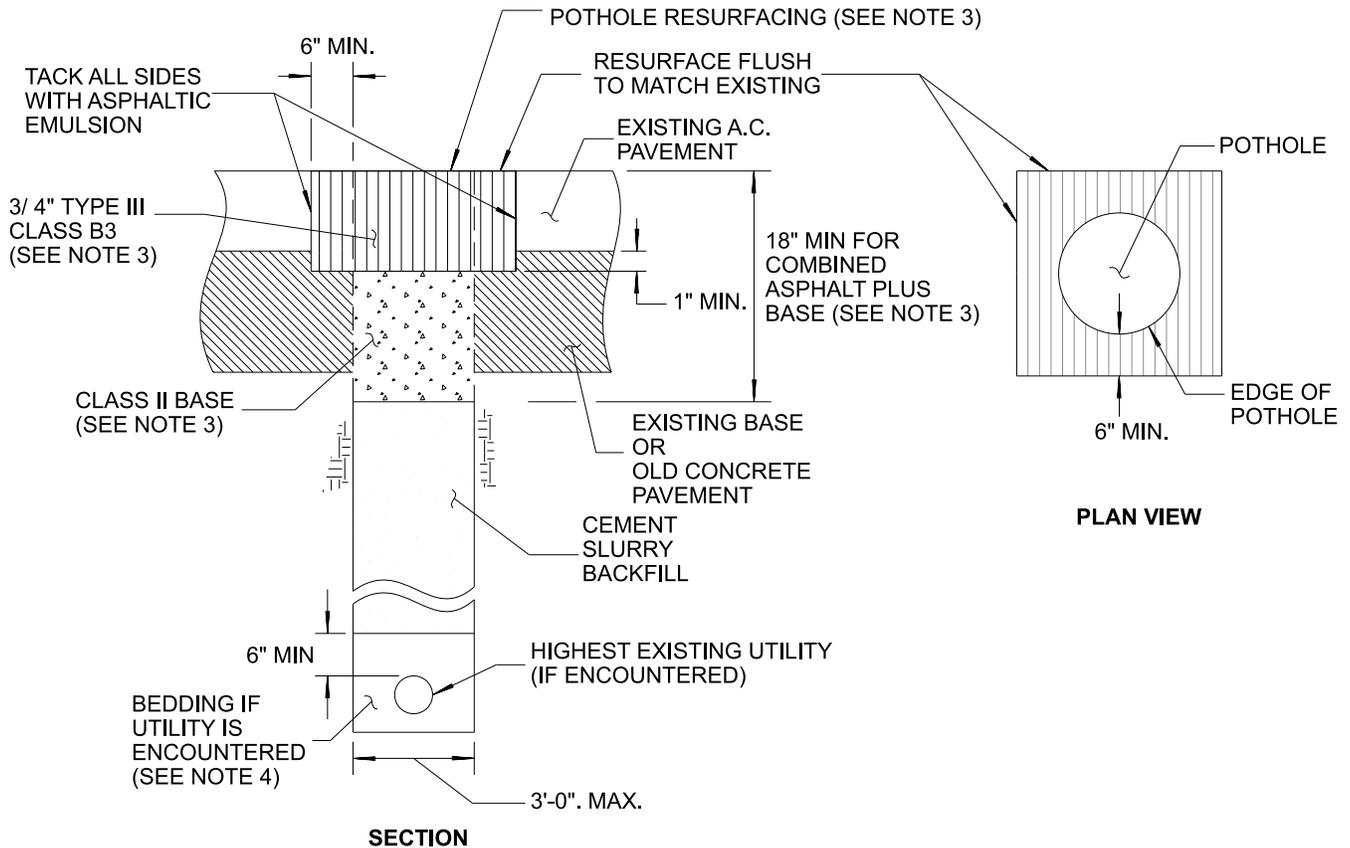
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING PAVEMENT RESTORATION FOR ASPHALT CONCRETE SURFACED STREETS - MINOR EXCAVATION OPTION C - THREE CONDUITS	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL		BAHMANIAN	0486		DRAFT
UPDATED	AA	J. NAGELVOORT	02/16		COORDINATOR R.C.E. 81047 DATE
UPDATED	LS	M. GIBSON	05/17		DRAWING NUMBER SDG-117C
REDRAFTED	CD	J. NAGELVOORT	09/18		
UPDATED	LS	J. NAGELVOORT	04/21		
UPDATED	RC	R. AMEN	10/23		



NOTES:

1. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, HAVE A MAXIMUM SLUMP OF 4 INCHES, AND MAY CONTAIN 30% MAXIMUM 3/8" ROCK.
2. CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH 306-6. CONCRETE MAY BE PLACED IMMEDIATELY FOLLOWING SLURRY BACKFILL
3. CONCRETE TRENCH COVER SHALL BE A MINIMUM OF 5 1/2" THICK IN ALLEY OR LOCAL RESIDENTIAL STREETS AND 7" THICK IN ALL OTHER STREETS. **SEE NOTE #5 IN SDG-108** FOR CONCRETE CLASS OPTIONS AND CURING REQUIREMENTS.
4. EXISTING CONCRETE PAVEMENT WILL REQUIRE SAW CUTTING.
5. FOR ELECTRICAL SUPPLY CABLES, SEE CALIFORNIA PUBLIC UTILITY COMMISSION GENERAL ORDER NO. 128, RULE 33.4 CLEARANCES AND DEPTHS.
6. FOR DRY UTILITIES (ELECTRICAL, COMMUNICATION, GAS, ETC.) **SEE SDG-119**.
7. CONCRETE PAVEMENT RESTORATION SHALL EXTEND BEYOND THE EDGE OF THE TRENCH CUT TO THE NEAREST JOINT (FULL WIDTH OF CONCRETE PANEL, JOINT TO JOINT AROUND THE PERIMETER OF THE EXCAVATION).
 - A. FOR CONCRETE PAVEMENT WITH EXISTING TRENCH CUT PATCHES, CONCRETE PAVEMENT RESTORATION SHALL INCLUDE THE EXISTING TRENCH CUT PATCHES, IF THOSE PATCHES ARE WITHIN 4'-0" OF THE PROPOSED CONCRETE PANEL.
 - B. IF THE TRENCH CUT IS IN ALLEY APRON, CONCRETE RESTORATION SHALL BE TO THE NEAREST JOINT OR REPLACE ENTIRE ALLEY APRON IF NO JOINT. FOR NON-STANDARD ALLEY, INSTALL NEW CONCRETE PAVEMENT AS NEW JOINT CAN BE INSTALLED TO THE EXTEND OF THE RIGHT-OF-WAY.
8. FINAL STREET RESTORATION SHALL BE COMPLETED WITHIN 180 CALENDAR DAYS AFTER COMPLETION OF TRENCH WORK WITHIN A STREET SEGMENT.

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL		BAHMANIAN	04/06		PAVEMENT RESTORATION FOR CONCRETE SURFACED STREETS AND ALLEYS - MINOR EXCAVATION	DRAFT
UPDATED	KA	J. NAGELVOORT	08/13	COORDINATOR		R.C.E. 81047
UPDATED	AB	J. NAGELVOORT	02/16	DATE		
REDRAFTED	CD	J. NAGELVOORT	09/18	DRAWING		SDG-118
UPDATED	HE	R. AMEN	10/23	NUMBER		



NOTES:

1. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, AND HAVE A MAXIMUM SLUMP OF 4 INCHES. FLY ASH MEETING THE REQUIREMENTS OF 201-1.2.5.3 MAY BE ADDED (NOT AS A SUBSTITUTE) TO THE MINIMUM CEMENT REQUIREMENTS. SLURRY COMBINED GRADING SHALL MEET REQUIREMENTS OF 201-1.3.2 GRADING D. CEMENT SLURRY BACKFILL SHALL BE 100-D-100.
2. SLURRY SHALL BE CURED A MINIMUM OF 48 HOURS PRIOR TO PLACEMENT OF CLASS II BASE AND ASPHALT CONCRETE. RESURFACING SHALL BE COMPLETED IN NO MORE THAN 7 DAYS AFTER PLACEMENT OF CEMENT SLURRY.
3. ALL ASPHALT STREET RESURFACING SHALL EXTEND A MINIMUM OF 6 INCHES BEYOND EDGE OF POTHOLE OR EXPLORATORY EXCAVATION, AS SHOWN. ASPHALT THICKNESS TO EQUAL EXISTING AC PAVEMENT PLUS 1 INCH (4 INCHES MINIMUM TO 9 INCHES MAXIMUM). COMBINED ASPHALT PLUS BASE SHALL BE 18 INCHES MINIMUM.
4. IF UTILITY IS ENCOUNTERED, AS LISTED BELOW, PLACE BEDDING A MINIMUM OF 6 INCHES ABOVE UTILITY.
 - A. WATER UTILITY: SE 50 SAND
 - B. SEWER UTILITY: 3/ 8" MAXIMUM AGGREGATE
 - C. DRY UTILITY: SE 50 SAND
5. FOR PCC SURFACED STREETS, **SEE SDG-108** FOR RESURFACING. FOR POTHOLE AND EXPLORATORY EXCAVATION LARGER THAN 3'-0" ON ASPHALT CONCRETE SURFACED STREETS, SEE SDG-107 FOR RESURFACING.
6. POTHOLE OR EXPLORATORY EXCAVATION IN BIKE LANES SHALL BE APPROVED BY THE CITY. IF APPROVED, THE ENTIRE WIDTH OF THE BIKE LANE SHALL BE RESURFACED, AT A MINIMUM LENGTH OF 6 FEET.
7. TEMPORARY RESURFACING IS ALLOWED IF CONSTRUCTION WILL BE PERFORMED WITHIN 60 DAYS AFTER POTHOLING WORK, IF POTHOLE OR EXPLORATORY EXCAVATION IS WITHIN THE NEW TRENCH LIMITS, AND **IF APPROVED BY THE CITY**. MATERIAL FOR TEMPORARY RESURFACING **SHALL BE APPROVED BY THE CITY**. SEE NOTE 3 FOR LIMITS AND DEPTH.
8. PAVEMENT CORES SHALL NOT BE GREATER THAN 3'-0" IN DIAMETER, AND SHALL NOT BE SPACED CLOSER THAN 3 FEET BETWEEN CORES, EDGE TO EDGE.
9. SEE SHEET 2 FOR TYPE B - KEYHOLE METHOD.

SHEET 1 OF 2

REVISION	BY	APPROVED	DATE
ORIGINAL	CD	J. NAGELVOORT	11/17
UPDATED	CD	J. NAGELVOORT	09/18
UPDATED	FM	R. AMEN	09/23

CITY OF SAN DIEGO – STANDARD DRAWING

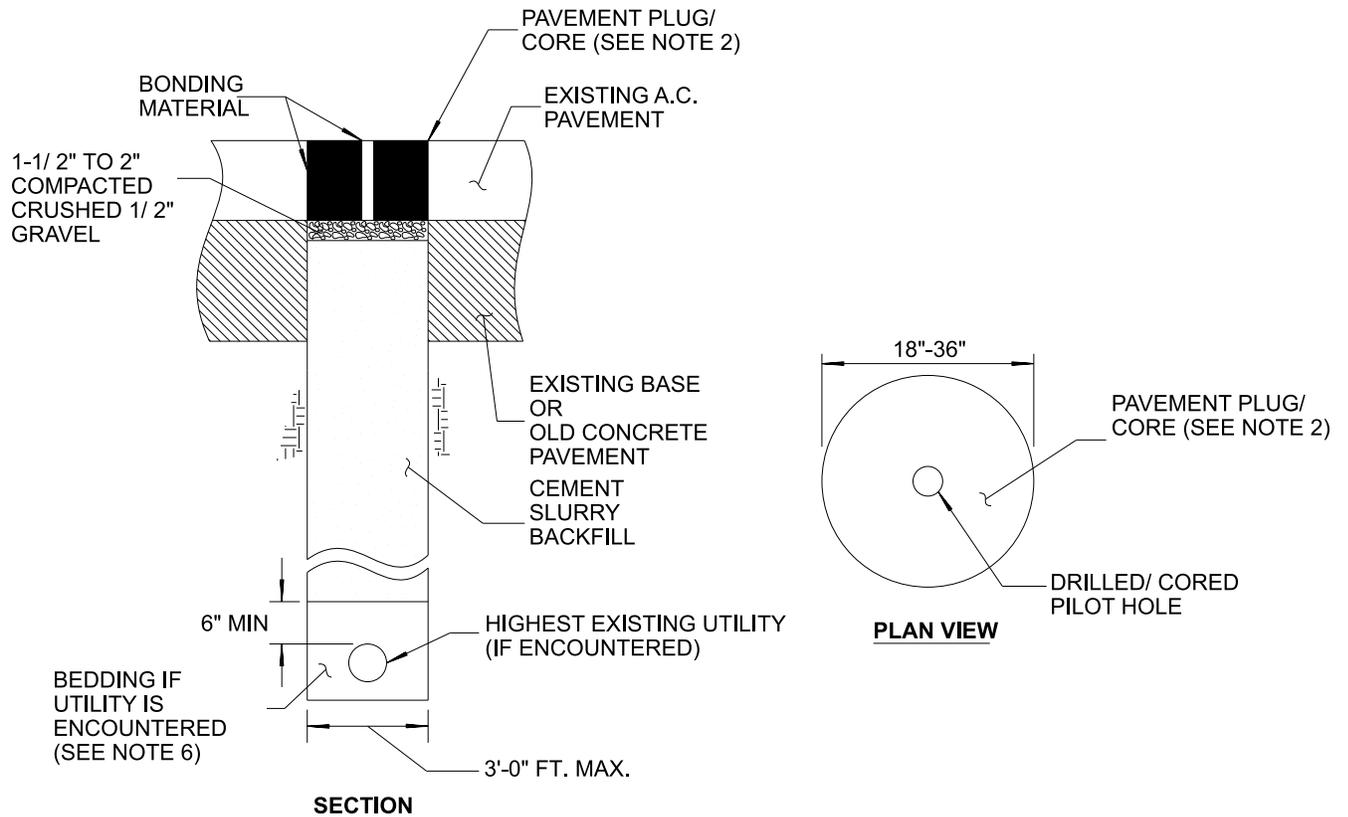
36" AND SMALLER POTHOLE AND EXPLORATORY EXCAVATION - TYPE A PAVEMENT REPAIR

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

DRAFT

COORDINATOR R.C.E. 81047 DATE

DRAWING NUMBER **SDG-123**



NOTES:

1. PAVEMENT CORE TO BE REINSTATED SHALL BE A MINIMUM OF 4 INCHES THICK AND SHALL NOT CONTAIN JOINTS OR CRACKS WHICH MAY CAUSE IT TO BREAK AND SPALL. OTHERWISE, TYPE "A" PER SHEET 1 SHALL BE USED **AS DIRECTED BY CITY ENGINEER.**
2. CUT, REMOVE, AND REINSTATE PAVEMENT CORE, FLUSH WITH EXISTING PAVEMENT. THE REMOVED PAVEMENT CORE/ PLUG WITH ASPHALT AND CONCRETE BASE SHALL BE UTILIZED AND REINSTALLED IN GOOD CONDITION.
3. BONDING MATERIAL SHALL BE AS SPECIFIED **PER CITY APPROVED MATERIALS LIST.**
4. CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED, AND HAVE A MAXIMUM SLUMP OF 4 INCHES. FLY ASH MEETING THE REQUIREMENTS OF 201-1.2.5.3 MAY BE ADDED (NOT AS A SUBSTITUTE) TO THE MINIMUM CEMENT REQUIREMENTS. SLURRY COMBINED GRADING SHALL MEET REQUIREMENTS OF 201-1.3.2 GRADING D. CEMENT SLURRY BACKFILL SHALL BE 100-D-100.
5. SLURRY SHALL BE CURED A MINIMUM OF 48 HOURS PRIOR TO PLACEMENT OF CLASS II BASE AND ASPHALT CONCRETE. RESURFACING SHALL BE COMPLETED IN NO MORE THAN 7 DAYS AFTER PLACEMENT OF CEMENT SLURRY.
6. IF UTILITY IS ENCOUNTERED, AS LISTED BELOW, PLACE BEDDING A MINIMUM OF 6 INCHES ABOVE UTILITY.
 - A. WATER UTILITY: SE 50 SAND
 - B. SEWER UTILITY: 3/ 8" MAXIMUM AGGREGATE
 - C. DRY UTILITY: SE 50 SAND
7. FOR CONCRETE SURFACED STREETS, **SEE SDG-108** FOR RESURFACING. FOR POTHOLE AND EXPLORATORY EXCAVATION LARGER THAN 3'-0" ON ASPHALT CONCRETE SURFACED STREETS, SEE SDG-107 FOR RESURFACING.
8. POTHOLE OR EXPLORATORY EXCAVATION IN BIKE LANES **SHALL BE APPROVED BY THE CITY.**
9. PAVEMENT CORES SHALL NOT BE GREATER THAN 3'-0" INCHES IN DIAMETER, AND SHALL NOT BE SPACED CLOSER THAN 3 FEET BETWEEN CORES, EDGE TO EDGE.

SHEET 2 OF 2

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL	CD	J. NAGELVOORT	11/17		36" AND SMALLER EXPLORATORY EXCAVATION POTHOLE - TYPE B KEYHOLE METHOD	DRAFT
UPDATED	CD	J. NAGELVOORT	0918	COORDINATOR		R.C.E. 81047
UPDATED	FM	R. AMEN	0923	DATE		
				DRAWING NUMBER		SDG-123

NOTES:

1. CLEARANCE SEPARATIONS BETWEEN DRY AND WET UTILITIES SHALL BE MAINTAINED PER WATER, SEWER, AND DRAINAGE DESIGN GUIDELINES, VARIANCES WILL REQUIRE DEVIATION FROM STANDARDS.
2. **PERMITTING REQUIREMENTS:** ALL MICROTRENCH PERMITS REQUIRE A DEVELOPMENT SERVICES DEPARTMENT DIGITAL SUBMISSION WITH A GEOSPATIAL ALIGNMENT PER DEVELOPMENT SERVICES DEPARTMENT FORMAT REQUIREMENTS.
3. **CONDUIT ANCHORING:** CONTRACTOR MUST PROVIDE THEIR METHOD OF WEIGHING / ANCHORING DOWN CONDUITS IN THEIR PERMIT. TO PREVENT CONDUITS FROM FLOATING, AND TO MAINTAIN REQUIRED DEPTH FOR TOP OF CONDUIT.
4. **MICROTRENCHING USAGE:** MICROTRENCHING PER SDG-165A AND / OR SDG-165B SHALL BE ON ASPHALT STREETS ONLY. MICROTRENCHING SHALL NOT BE PERMITTED IN OR THROUGH EXISTING CONCRETE PAVED STREETS, PARKWAYS, CURB, GUTTER, CROSS GUTTER, BUS PAD, SIDEWALK, FLOATING CURB EXTENSION, BUS BULB, TRUCK PILLOW, RAISED CROSSWALK, ISLAND, MINI- ROUNDABOUT, OR SIMILAR ELEMENTS. MICROTRENCHING MAY BE PERMITTED, AT THE CITY'S DISCRETION, IN OR THROUGH EXISTING IMPROVEMENTS AND SPECIAL PAVEMENTS (SUCH AS DECORATIVE ASPHALT PAVING, AND PERPENDICULAR TO SPEED BUMPS). EXISTING IMPROVEMENTS AND SPECIAL PAVEMENTS SHALL BE RESTORED IN KIND AS APPROVED BY THE CITY.
5. **DAMAGE TO EXISTING IMPROVEMENTS:** CONNECTION TO SERVICE LATERALS, JUNCTION BOXES, ETC. SHALL BE DONE SUCH THAT EXISTING IMPROVEMENTS ARE NOT DISTURBED, SETTLED, OR DAMAGED. ANY DAMAGE TO EXISTING IMPROVEMENTS BY PARALLEL OR PERPENDICULAR MICROTRENCHING ACTIVITIES SHALL BE RESTORED IN KIND AS APPROVED BY THE CITY. DAMAGE TO CONCRETE CURB, GUTTER, SIDEWALK, AND PAVEMENT SHALL BE REMOVED AND RESTORED IN ACCORDANCE WITH **SDG-156**.
6. **TRENCH CUTS:** CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO ACHIEVE STRAIGHT AND UNIFORM CUTS WITH NEAT EDGES. SELECTION OF CUTTING WHEEL SHALL BE SUCH THAT IT MINIMIZES DAMAGE TO THE ADJACENT AC SURFACE. RADII TRENCH CUTS SHALL HAVE NO MORE THAN 3 CUTS.
7. **MICROTRENCH WIDTH:** MICROTRENCH WIDTH SHALL BE A MINIMUM OF 1 INCH AND A MAXIMUM OF 2 ½ INCHES. TRENCHES WITH WIDTH GREATER THAN 2 ½ INCHES MUST FOLLOW **SDG-117** (NARROW TRENCH RESURFACING FOR ASPHALT CONCRETE SURFACE STREETS), WHICH REQUIRES A DIFFERENT BACKFILL MATERIAL. THE CITY MAY CHANGE THE PERMIT TO **SDG-117** BY AN AS-BUILT CHANGE IF THE TRENCH EXCEEDS 2 ½ INCHES IN CONSTRUCTION.
8. **MICROTRENCH ALIGNMENT OFFSET TO AN ADJACENT MICROTRENCH:** NO MICROTRENCHING SHALL BE LESS THAN 2 FEET FROM ADJACENT MICROTRENCHES (EDGE TO EDGE). THIS MAY REQUIRE THE CONTRACTOR TO POTHOLE TO VERIFY PARALLEL UTILITIES SIZE AND TRENCH WIDTH TO ENSURE PROPER SEPARATION.
9. **CONDUIT PLACEMENT IN TRENCH:** THE TOP OF HIGHEST CONDUIT SHALL BE 12 INCHES MINIMUM FROM TOP OF PAVEMENT OR 4 INCHES FROM BOTTOM OF PAVEMENT SECTION TO INCLUDE ASPHALT, BASE AND CTB, WHICHEVER IS GREATER.
10. **CONDUIT SIZE:** 2 INCH MAXIMUM CONDUIT SIZE SCH 40 PVC OR EQUIVALENT HDPE PER NATIONAL ELECTRICAL CODE.
11. **TRENCH IDENTIFICATION:** INSTALL FOLDED WARNING / IDENTIFICATION TAPE WARNING TAPE **PER SDM-105**. EACH TRENCH SHALL BE IDENTIFIED WITH A CALLOUT ON THE PULLBOX / VAULT / JUNCTION BOX LID WITH THE NAME OF THE OWNER OF THE MICROTRENCH.
12. **MICROTRENCH BACKFILL AND REQUIREMENTS TO OPEN THE STREET TO TRAFFIC:** ALL MICROTRENCHES SHALL BE COMPLETELY BACKFILLED WITH A CEMENT SAND SLURRY 2000 PSI MINIMUM AND 2% CALCIUM CHLORIDE TO FINISH GRADE. THIS IS AN INTERIM CONDITION AND CONTRACTOR SHALL FOLLOW CURING TIME REQUIREMENTS (PER NOTE 14) TO OPEN THE STREET TO TRAFFIC PRIOR TO COMPLETING PAVING REQUIREMENTS FOR FINAL RESTORATION.
13. **SLURRY VOID REDUCTION:** CONTRACTOR SHALL USE A VIBRATOR TO ENSURE SLURRY FILL WITHOUT VOIDS.
14. **SLURRY CURE TIME:** ALLOW A MINIMUM OF THREE HOURS FOR SLURRY TRENCH BACKFILL CURE TIME FOR TRENCHES PARALLEL TO THE STREET BEFORE OPENING TO TRAFFIC.

SEE ADDITIONAL NOTES ON SHEET 2

SHEET 1 OF 4

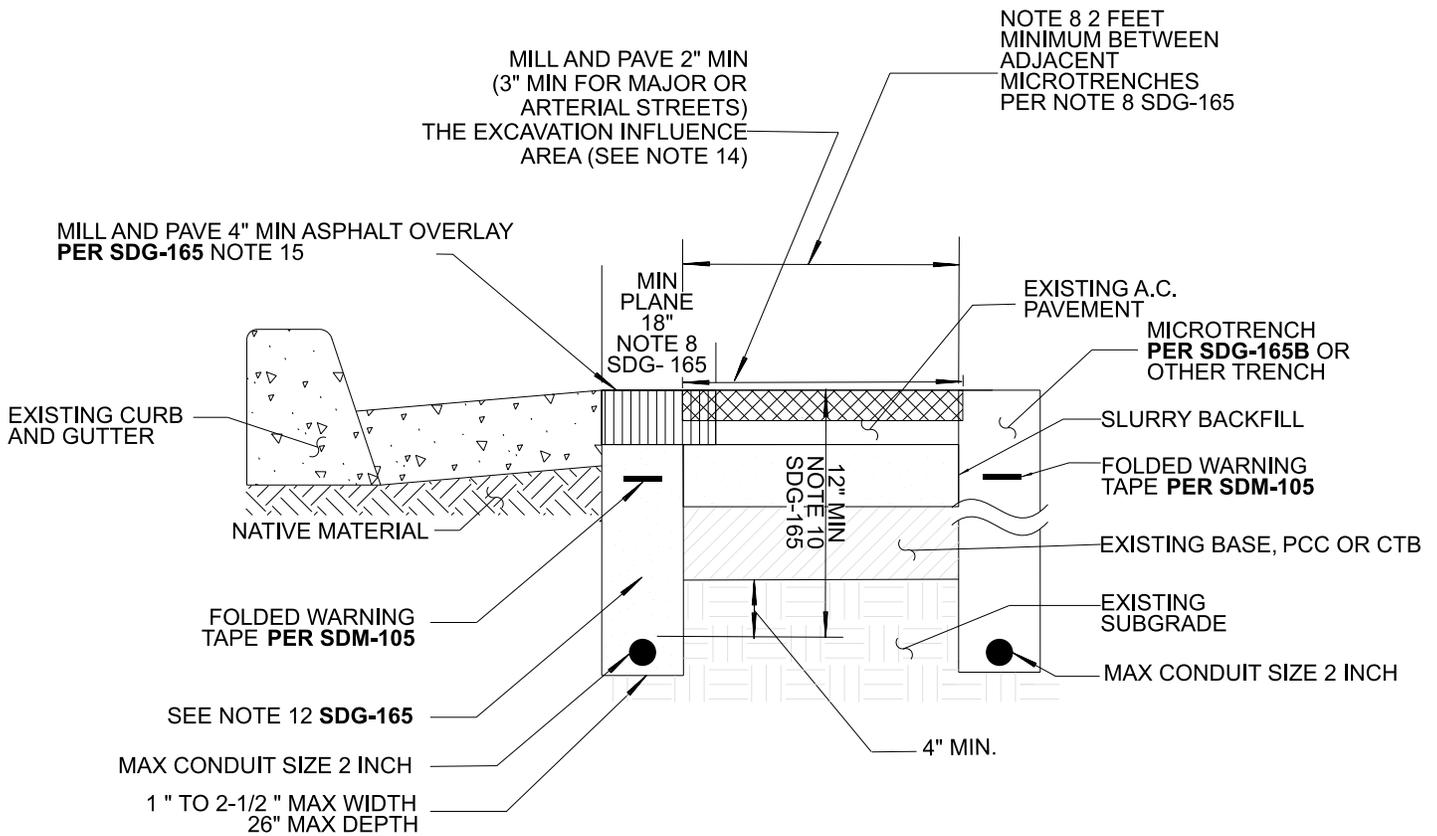
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING GENERAL MICROTRENCH NOTES	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE DRAFT _____ COORDINATOR R.C.E. 81047 DATE
ORIGINAL	HY	M. GIBSON	05/17		
REDRAFTED	CD	J. NAGELVOORT	09/18		
UPDATED	RC	R. AMEN	10/22		
UPDATED	FM	R. AMEN	09/23		
					DRAWING NUMBER SDG-165

NOTES (CONTINUED):

- 15. **FINAL MICROTRENCH RESTORATION:** WITHIN 7 DAYS OF PLACING THE SLURRY BACKFILL TO GRADE, MILL THE SLURRY BACKFILL AND EXISTING PAVEMENT A MINIMUM WIDTH OF 18 INCHES INCLUDING THE EXCAVATION INFLUENCE AREA PER TABLE 1 IN SDG-105 TO A DEPTH OF 4 INCHES AND RESURFACE WITH 1/2 INCH TYPE III CLASS C2 ASPHALT. TACK ALL EDGES OF THE MILLED AREA WITH ASPHALTIC EMULSION.
- 16. **FINAL MICROTRENCH RESTORATION WHEN ADJACENT TO ANOTHER MICROTRENCH:** WHEN RESTORING A MICROTRENCH SEPARATED BY 2 FEET (EDGE TO EDGE) FROM ANY ADJACENT MICROTRENCH THE MICROTRENCH RESTORATION SHALL FOLLOW NOTE 15 FOR TRENCH RESTORATION AND **SDG-107** FOR FULL LIMITS OF THE PERMITTED ALIGNMENT TO MAINTAIN INFLUENCE AREA INTEGRITY.
- 17. **MICROTRENCHING IN BIKE LANES:** FOR THE WORK IN THE BIKE LANE, CONTRACTOR SHALL PROVIDE A POTHOLING PLAN FOR REVIEW WITH THE ENGINEER FOLLOWING PRE-CONSTRUCTION MEETING. THE BIKE LANE SHALL BE FULLY CLOSED AND APPROPRIATE TRAFFIC CONTROL PLAN AND SIGNAGE USED. MICROTRENCHING IN THE BIKE LANE REQUIRES THAT SLURRY BACKFILL BE COMPLETED BEFORE END OF APPROVED WORKDAY WITH CURING TIME PER NOTE 14. RESTORATION TO THE TRENCH SHALL BE PER NOTE 15.
- 18. **FINAL MICROTRENCH RESTORATION IN BIKE LANES:** THE CONTRACTOR SHALL RESTORE FULL WIDTH OF BIKE LANE TO THE FACE OF CURB AND PLACE 2 INCHES MIN OR 3 INCHES MIN (MAJOR OR ARTERIAL STREETS) THICKNESS OF ASPHALT PER **SDG-107**.

SHEET 2 OF 4

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING GENERAL MICROTRENCH NOTES	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE DRAFT _____ COORDINATOR R.C.E. 81047 DATE
ORIGINAL	HY	M. GIBSON	05/17		
REDRAFTED	CD	J. NAGELVOORT	09/18		
UPDATED	RC	R. AMEN	10/22		
UPDATED	FM	R. AMEN	09/23		
					DRAWING NUMBER SDG-165



LEGEND ON PLANS:

— MTC — MICROTRENCH CONDUIT (MTC)

NOTES:

1. APPLICABLE WHERE CONCRETE GUTTER IS VISIBLE OR EXPOSED.
2. SHALL NOT BE APPLICABLE AT STREET INTERSECTIONS OR ALONG MEDIAN CURBS.
3. TRENCH LOCATION SHALL BE AT THE EDGE OF CURB.

SHEET 3 OF 4

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO – STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL	HY	M. GIBSON	05/17			
REDRAFTED	CD	J. NAGELVOORT	09/18	MICROTRENCH FOR DRY UTILITIES AT EDGE OF CURB AND GUTTER	DRAFT	
UPDATED	ED	R. AMEN	10/22			COORDINATOR R.C.E. 81047 DATE
UPDATED	FM	R. AMEN	09/23		DRAWING NUMBER	SDG-165A

APPENDIX J
SCHEMATIC DESIGN PACKAGE

I. TABLE OF CONTENTS

TABLE OF CONTENTS	
NO.	DESCRIPTION
I	TABLE OF CONTENTS
II	WORKS TO BE DONE & CONTRACTOR'S RESPONSIBILITIES
III	KEY MAP
IV	VICINITY MAP
V	GIS SITE MAPS
VI	SEWER LATERALS SPREADSHEET
VII	SEWER MANHOLE SPREADSHEET
VIII	SEWER MAIN SPREADSHEET
IX	SURVEY MONUMENTS

II. WORK TO BE DONE & CONTRACTOR'S RESPONSIBILITIES

WORK TO BE DONE

THIS PROJECT CONSISTS OF THE INSTALLING OF APPROXIMATELY 410 LF OF 8-INCH PVC SEWER MAIN AND THE TRENCHLESS REHABILITATION OF APPROXIMATELY REHABILITATES 22,743 LF (4.31 MILES) OF EXISTING 8-INCH SEWER MAINS, INCLUDING APPROXIMATELY 105 MANHOLES, 11 EXTERNAL POINT REPAIRS, INSTALLATION OF 26 CLEANOUTS AND 2 MANHOLES, 485 SEWER LATERAL REHABILITATION WITH CLEANOUTS, REHABILITATION OF ALL ASSOCIATED SEWER LATERALS (APPROXIMATELY 485) FROM THE SEWER MAIN TO THE PROPERTY LINE AND INSTALLATION OF SEWER LATERAL CLEANOUTS AS NEEDED TO COMPLETE THE LATERAL LINING WORK.

CONTRACTOR'S RESPONSIBILITIES

1. PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
2. NOTIFY SDG&E AT LEAST 15 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (69 KV & HIGHER)
3. ALL SEWER LATERALS LOCATIONS AS SHOWN ON THE MAPS ARE APPROXIMATE ONLY. LATERAL RECORDS ARE AVAILABLE TO THE CONTRACTOR AT THE WATER DEPARTMENT, 2797 CAMINITO CHOLLAS.
4. THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
5. STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
6. UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. THE CONTRACTOR SHALL POT HOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 402-UTILITIES.
7. EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.

8. ALL ADVANCE METERING INFRASTRUCTURE (AMI) DEVICES ATTACHED TO THE WATER METER OR LOCATED IN OR NEAR WATER METER BOXES, COFFINS, OR VAULTS SHALL BE PROTECTED AT ALL TIMES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
9. FOR COORDINATION OF THE SHUTDOWN OF MAINS, PLEASE CONTACT THE FOLLOWING:
 TRANSMISSION MAINS (16 INCHES AND LARGER) - JESUS RAMOS (619-527-7438)
 DISTRIBUTION MAINS (LESS THAN 16 INCHES) - TISA AGUERO (619-527-3143) WATER FACILITIES - TATYANA FIKHMAN (619-527-7465) AND JESUS RAMOS (619-527-7438).

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA (ACRES): .020
 HYDROLOGIC UNIT & WATERSHED: SAN DIEGUITO HU/SAN DIEGUITO RIVER WMA
 HYDROLOGIC SUBAREA NAME & NO. : GREEN HSA – 905.22
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:
 - MINOR WPCP
 THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100.
 - WPCP
 THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100.
 - SWPPP
 THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWQ AS AMENDED BY ORDER 2010-0014-DWQ AND 2012-0006-DWQ.

TRADITIONAL: RISK LEVEL 1 2 3

LUP: RISK TYPE 1 2 3
3. CONSTRUCTION SITE PRIORITY
 - ASBS HIGH MEDIUM LOW

PERMANENT STORM WATER BMP CATEGORY:

- PRIORITY DEVELOPMENT PROJECT
- STANDARD DEVELOPMENT PROJECT
- PDP EXEMPT
- NOT SUBJECT TO PERMANENT STORM WATER REQUIREMENTS

III. KEY MAP

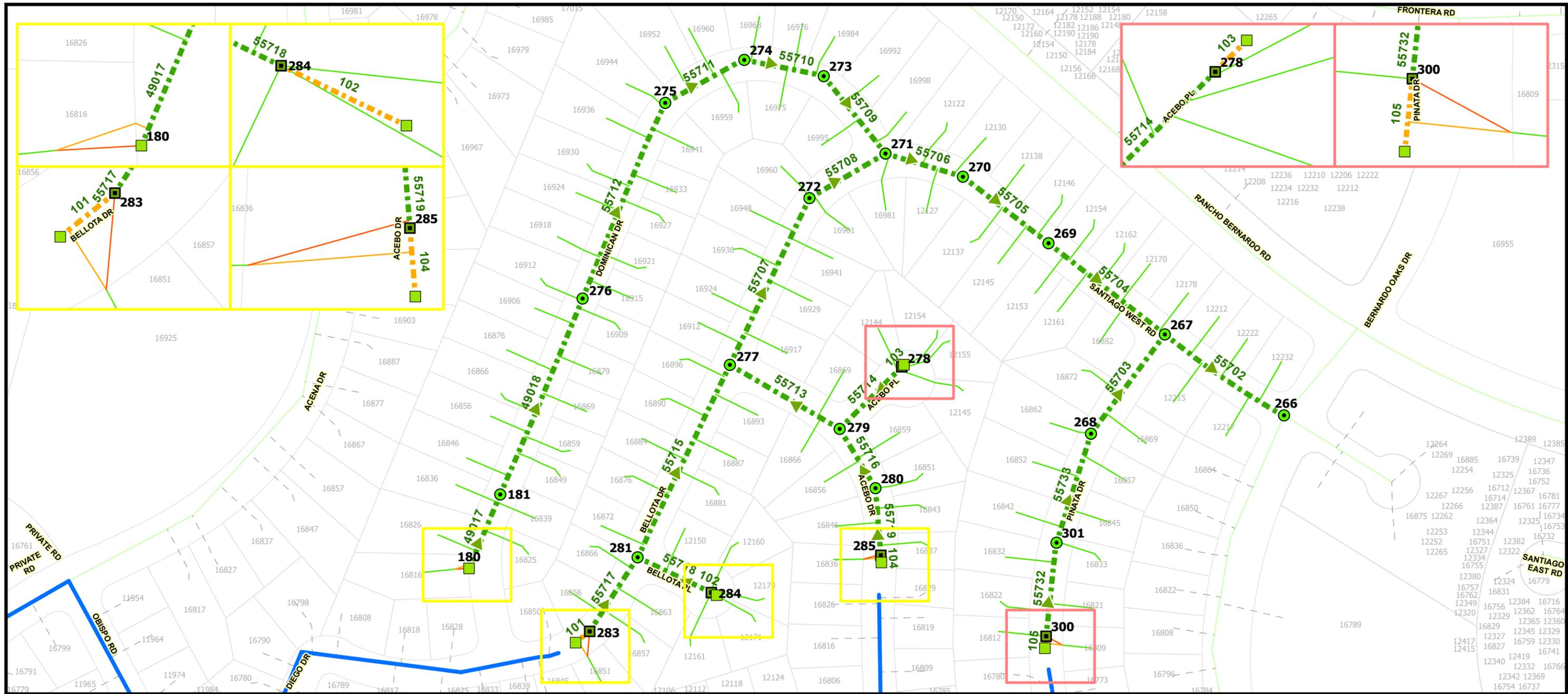
IV. VICINITY MAP

Vicinity Map

Not to Scale



V. GIS SITE MAPS



WBS# B23042 - RANCHO BERNARDO IMPROV 1

- ▶ Sewer Flow Direction
- - - Proposed Rehab Existing Lateral
- - - Existing Mains
- 8" VC - Proposed Sewer Main Rehab
- Manhole Rehab
- - - Existing Laterals
- - - 8" PVC - Proposed New Sewer Main
- Install New Cleanout
- 123** Manhole / Cleanout ID#
- - - Abandon Lateral
- Remove Plugs
- 12345** FSN (Facility Sequence Number)
- - - Proposed New Lateral
- - - Map #2

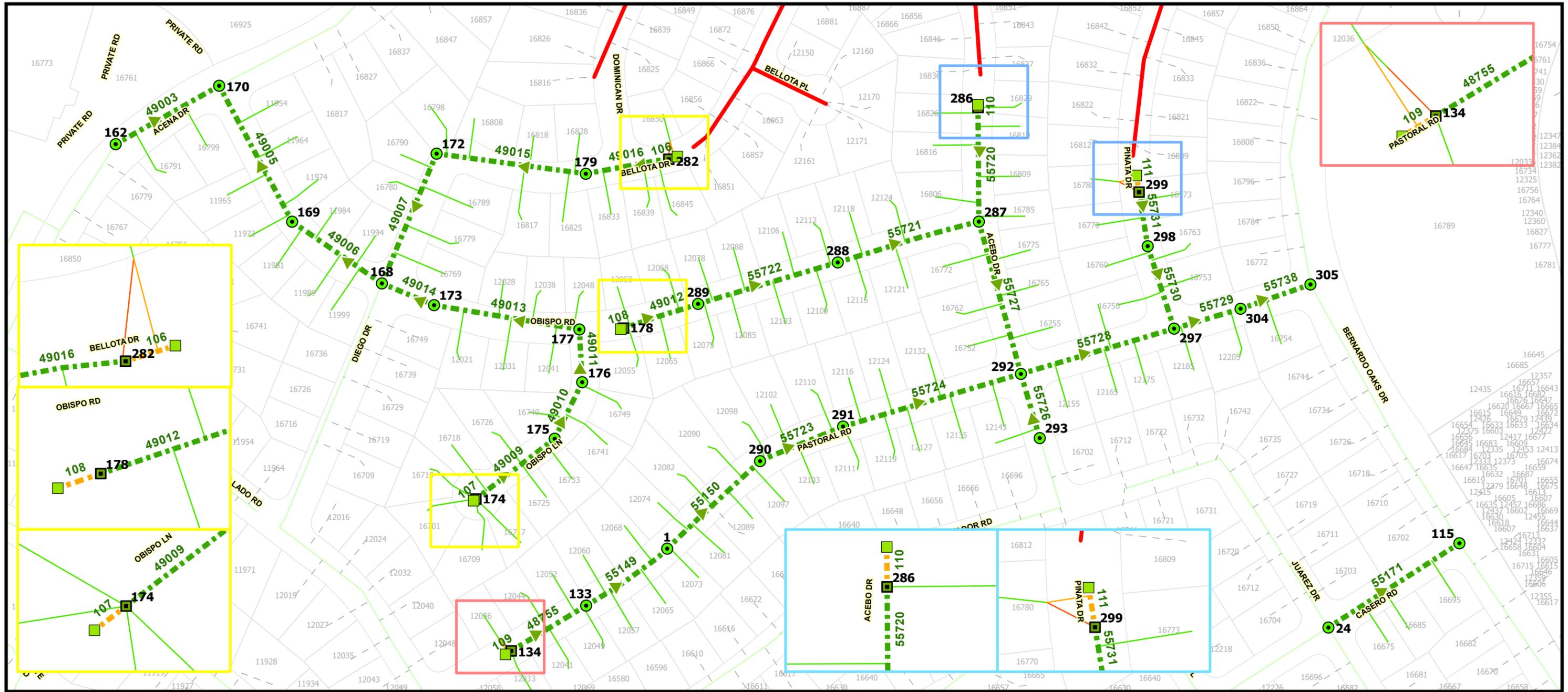
The City of
SAN DIEGO
Engineering & Capital Projects



MAP NO: 1 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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WBS# B23042 - RANCHO BERNARDO IMPROV 1

- Sewer Flow Direction
- 8" VC - Proposed Sewer Main Rehab
- 8" PVC - Proposed New Sewer Main
- Abandon Lateral
- Proposed New Lateral
- Manhole Rehab
- Install New Cleanout
- Remove Plugs
- Map #1
- Existing Mains
- Existing Laterals
- 123** Manhole / Cleanout ID#
- 12345** FSN (Facility Sequence Number)

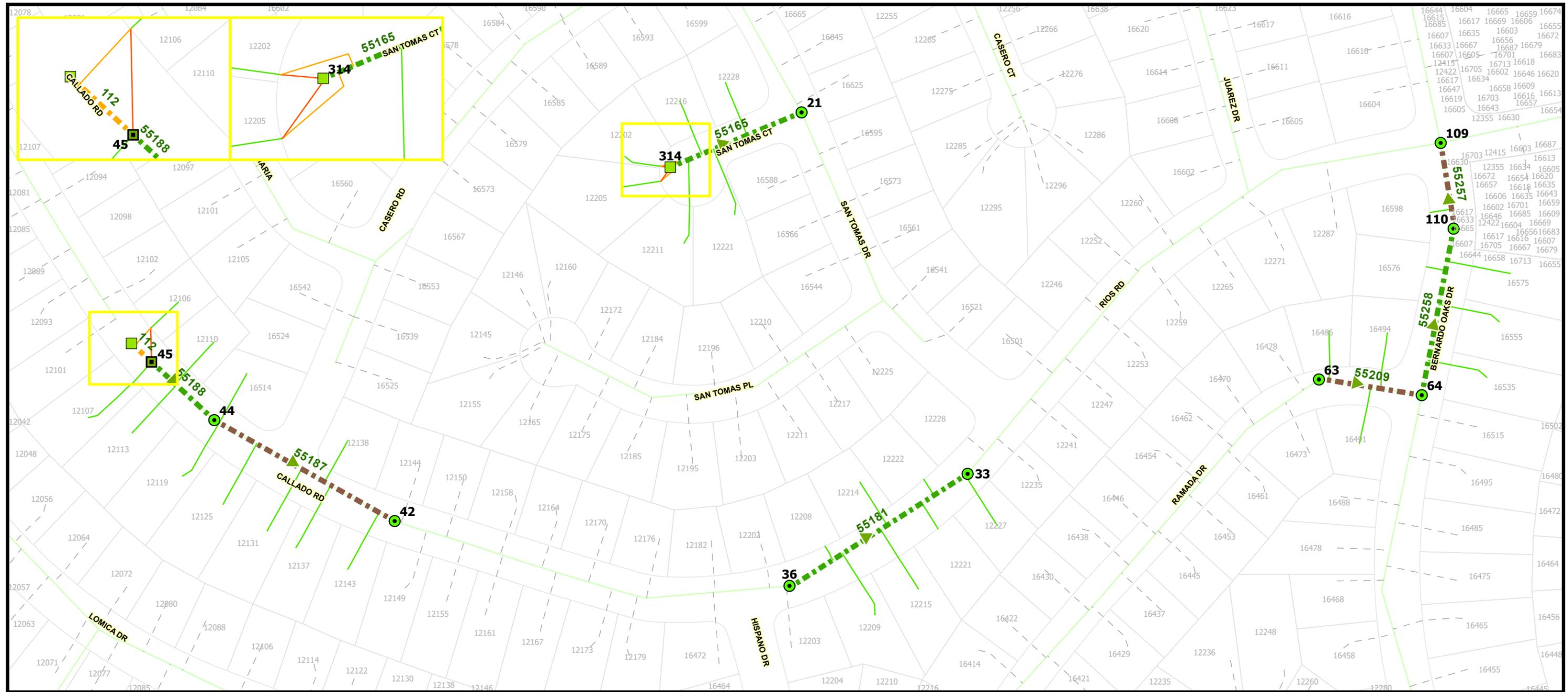
The City of
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Engineering & Capital Projects



MAP NO: 2 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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WBS# B23042 - RANCHO BERNARDO IMPROV 1

- | | | |
|--|---|---|
|  Sewer Flow Direction |  Proposed New Lateral |  Existing Mains |
|  8" VC - Proposed Sewer Main Rehab & External Point Repair |  Proposed Rehab Existing Lateral |  Existing Laterals |
|  8" VC - Proposed Sewer Main Rehab |  Manhole Rehab | 123 Manhole / Cleanout ID# |
|  8" PVC - Proposed New Sewer Main |  Install New Cleanout | 12345 FSN (Facility Sequence Number) |
|  Abandon Lateral |  Remove Plugs | |

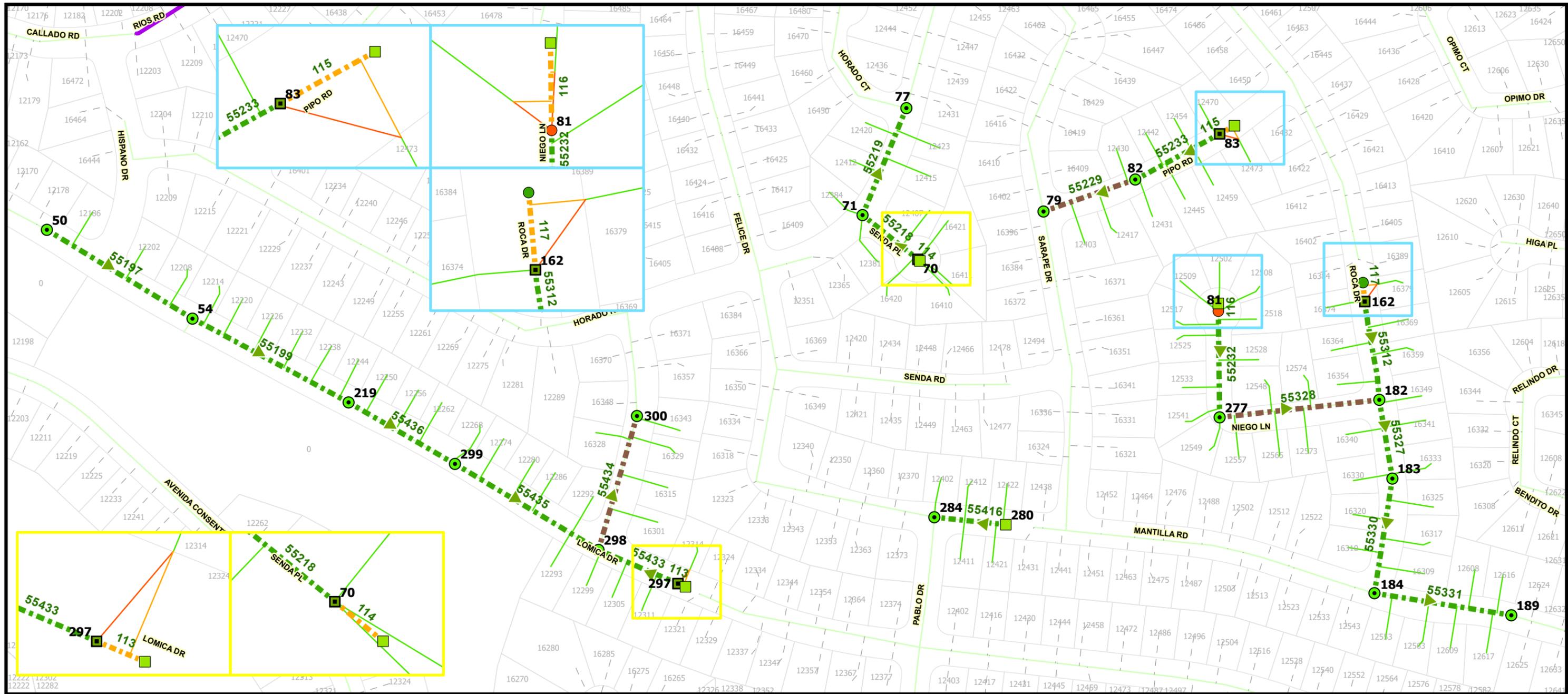
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Engineering & Capital Projects



MAP NO: 3 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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WBS# B23042 - RANCHO BERNARDO IMPROV 1

- Sewer Flow Direction
- Proposed New Lateral
- Proposed Rehab Existing Lateral
- Install New Manhole
- Manhole Rehab
- 8" PVC - Proposed New Sewer Main
- Abandon Lateral
- Install New Cleanout
- Remove Plugs
- Map #3
- Existing Mains
- Existing Laterals
- 123** Manhole / Cleanout ID#
- 12345** FSN (Facility Sequence Number)

The City of
SAN DIEGO
Engineering & Capital Projects

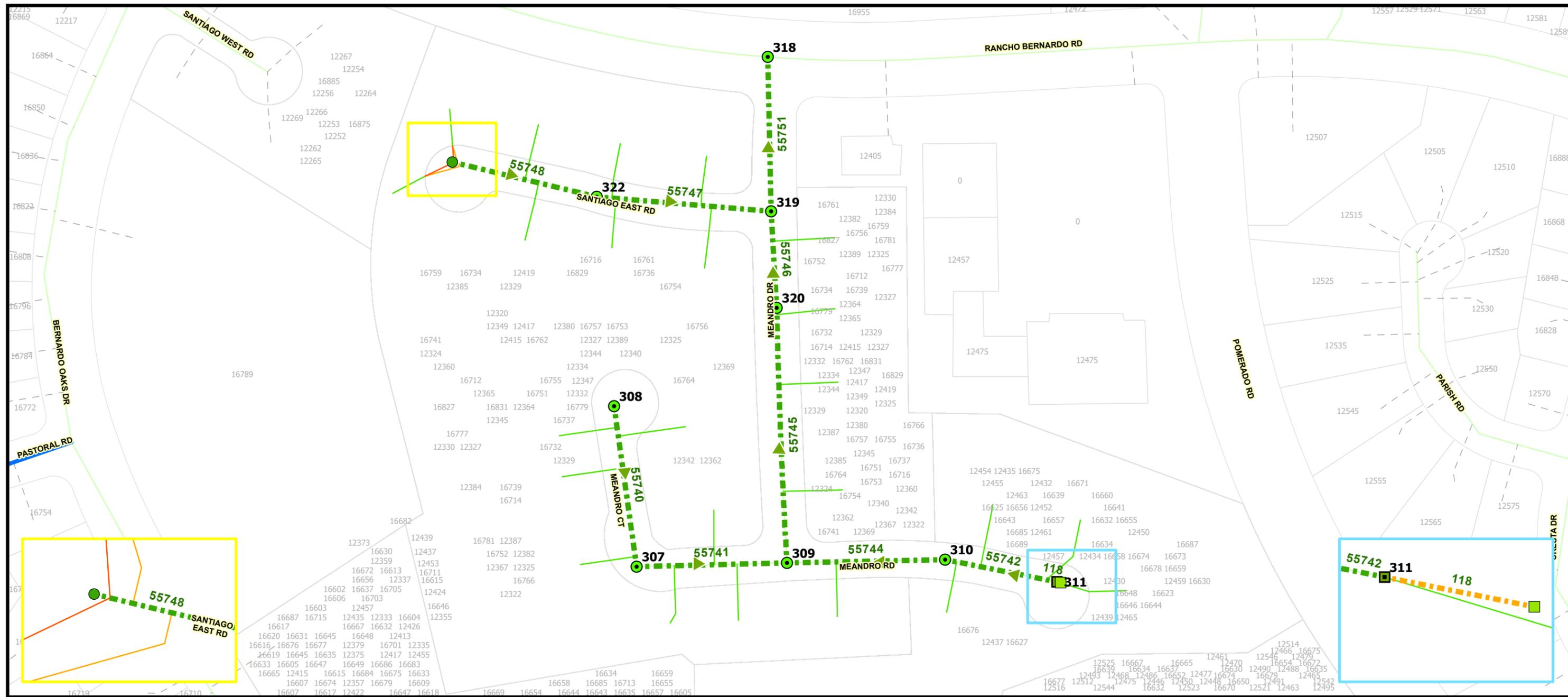


NOT TO SCALE

MAP NO: 4 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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WBS# B23042 - RANCHO BERNARDO IMPROV 1

- Sewer Flow Direction
- 8" VC - Proposed Sewer Main Rehab
- 8" PVC - Proposed New Sewer Main
- Abandon Lateral
- Proposed New Lateral
- Install New Manhole
- Manhole Rehab
- Install New Cleanout
- Remove Plugs
- Map #2
- Existing Mains
- Existing Laterals
- 123** Manhole / Cleanout ID#
- 12345** FSN (Facility Sequence Number)

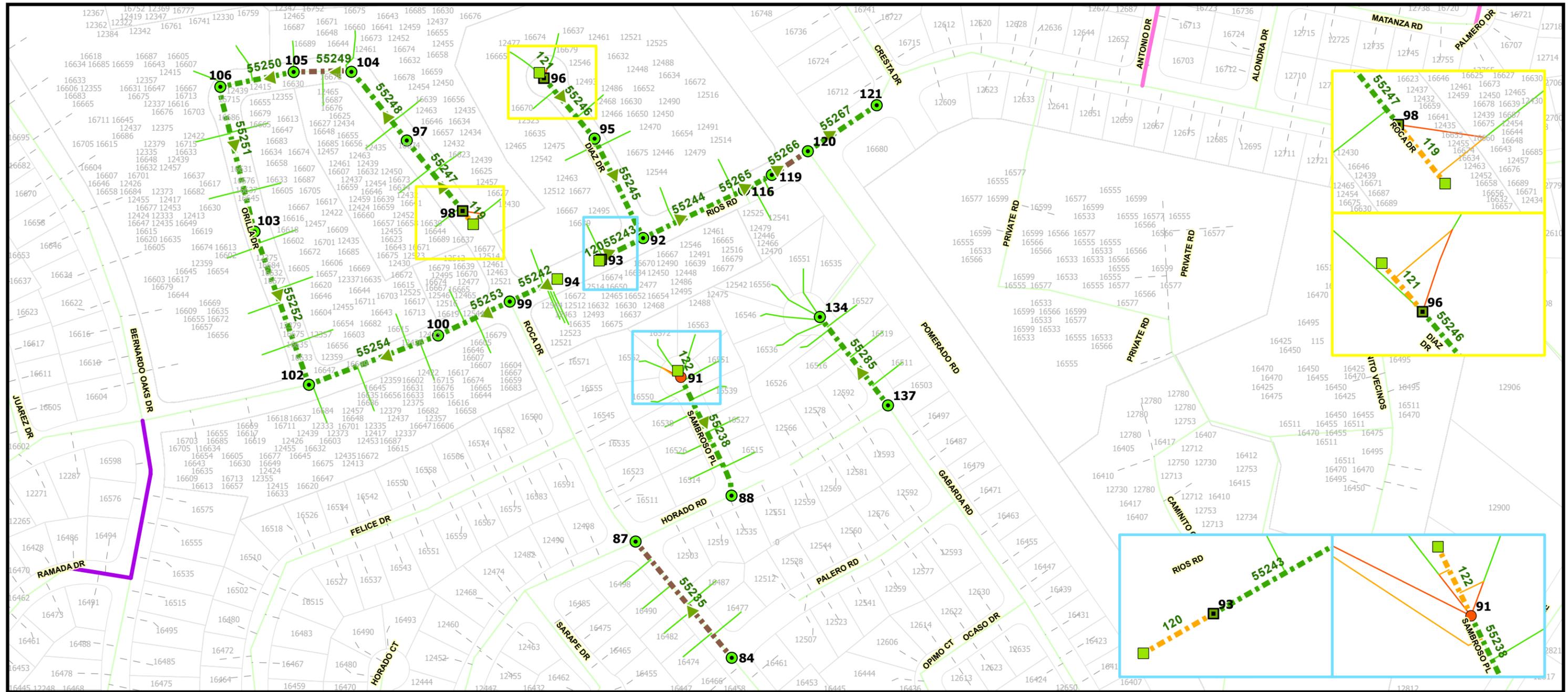
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MAP NO: 5 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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WBS# B23042 - RANCHO BERNARDO IMPROV 1

- ▶ Sewer Flow Direction
- - - 8" VC - Proposed Sewer Main Rehab & External Point Repair
- - - 8" VC - Proposed Sewer Main Rehab
- - - 8" PVC - Proposed New Sewer Main
- - - Abandon Lateral
- - - Proposed New Lateral
- - - Proposed Rehab Existing Lateral
- - - Existing Mains
- - - Existing Laterals
- - - Map #3
- - - Map #7
- Remove Plugs
- Existing Mains
- - - Existing Laterals
- - - Map #3
- - - Map #7
- Manhole Rehab
- Remove/Replace Manhole
- Install New Cleanout
- 123 Manhole / Cleanout ID#
- 12345 FSN (Facility Sequence Number)

The City of
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Engineering & Capital Projects



MAP NO: 6 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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WBS# B23042 - RANCHO BERNARDO IMPROV 1

- | | | |
|---|---------------------------------|-------------------|
| Sewer Flow Direction | Proposed New Lateral | Remove Plugs |
| 8" VC - Proposed Sewer Main Rehab & External Point Repair | Proposed Rehab Existing Lateral | Map #6 |
| 8" VC - Proposed Sewer Main Rehab | Manhole Rehab | Existing Mains |
| 8" PVC - Proposed New Sewer Main | Remove/Replace Manhole | Existing Laterals |
| Abandon Lateral | Install New Cleanout | |

- | | |
|-------|--------------------------------|
| 12345 | FSN (Facility Sequence Number) |
| 123 | Manhole / Cleanout ID# |

The City of
SAN DIEGO
Engineering & Capital Projects



NOT TO SCALE

MAP NO: 7 of 7

Council District: 5 Community Name: Rancho Bernardo Date: 10/19/2023

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VI. SEWER LATERALS SPREADSHEET

Rancho Bernardo Improv 1 (B23042) Sewer Laterals Spreadsheet

Map Number	Lateral	Main FSN	Lateral FSN	Lateral Size	Field Book Page	As-Built		Action	Address
						DRAWG_NUM	DRAWG_SHEET_NUM		
1	1	55710	145028	4	L07N	10951	6	Rehab	16968 DOMINICAN DR
1	2	55711	145034	4	L07N	10951	6	Rehab	16960 DOMINICAN DR
1	3	55709	145043	4	L07N	10912	7	Rehab	16992 DOMINICAN DR
1	4	55712	145044	4	L07N	10951	7	Rehab	16944 DOMINICAN DR
1	5	55710	145047	4	L07N	10951	6	Rehab	16975 DOMINICAN DR
1	6	55709	145060	4	L07N	10912	7	Rehab	16998 DOMINICAN DR
1	7	55706	145066	4	L07N	10912	9	Rehab	12122 SANTIAGO RD
1	8	55712	145080	4	L07N	10951	7	Rehab	16933 DOMINICAN DR
1	9	55707	145084	4	L07N	10912	8	Rehab	16960 BELLOTA DR
1	10	55708	145090	4	L07N	10912	8	Rehab	16961 BELLOTA DR
1	11	55705	145092	4	L07N	10912	9	Rehab	12146 SANTIAGO RD
1	12	55707	145096	4	L07N	10912	8	Rehab	16941 BELLOTA DR
1	13	55704	145100	4	L07N	10912	9	Rehab	12154 SANTIAGO RD
1	14	55712	145102	4	L07N	10951	7	Rehab	16921 DOMINICAN DR
1	15	55704	145110	4	L07N	10912	9	Rehab	12162 SANTIAGO RD
1	16	55712	145113	4	L07N	10951	7	Rehab	16915 DOMINICAN DR
1	17	49018	145114	4	L07N	10951	7	Rehab	16912 DOMINICAN DR
1	18	55704	145117	4	L07N	10912	9	Rehab	12161 SANTIAGO RD
1	19	49018	145119	4	L07N	10951	7	Rehab	16909 DOMINICAN DR
1	20	55702	145130	4	L07N	10787	0	Rehab	12212 SANTIAGO RD
1	21	55714	145133	4	L07N	10912	6	Rehab	12154 ACEBO PL
1	22	55714	145134	4	L07N	10912	6	Rehab	12155 ACEBO PL
1	23	55714	145135	4	L07N	10912	6	Rehab	12144 ACEBO PL
1	24	49018	145137	4	L07N	10951	7	Rehab	16879 DOMINICAN DR
1	25	55714	145138	4	L07N	10912	6	Rehab	12145 ACEBO PL
1	26	55703	145139	4	L07N	10787	3	Rehab	16872 PINATA DR
1	27	49018	145140	4	L07N	10951	7	Rehab	16869 DOMINICAN DR
1	28	55715	145141	4	L07N	10912	8	Rehab	16893 BELLOTA DR
1	29	49018	145143	4	K07N	10951	7	Rehab	16856 DOMINICAN DR
1	30	55703	145145	4	L07N	10787	3	Rehab	16862 PINATA DR
1	31	55703	145148	4	L07N	10787	3	Rehab	16869 PINATA DR
1	32	49018	145151	4	K07N	10951	7	Rehab	16859 DOMINICAN DR
1	33	55713	145153	4	L07N	10912	5	Rehab	16866 ACEBO DR
1	34	55715	145155	4	L07N	10912	8	Rehab	16887 BELLOTA DR
1	35	55733	145161	4	L07N	10912	3	Rehab	16852 PINATA DR
1	36	55716	145163	4	L07N	10912	5	Rehab	16856 ACEBO DR
1	37	55716	145165	4	L07N	10912	5	Rehab	16851 ACEBO DR
1	38	55715	145168	4	L07N	10912	8	Rehab	16881 BELLOTA DR
1	39	49017	145172	4	K07N	10951	7	Rehab	16836 DOMINICAN DR
1	40	55719	145174	4	L07N	10912	5	Rehab	16843 ACEBO DR
1	41	55733	145175	4	L07N	10912	3	Rehab	16842 PINATA DR
1	42	55715	145178	4	L07N	10912	8	Rehab	16872 BELLOTA DR
1	43	55719	145180	4	L07N	10912	5	Rehab	16837 ACEBO DR
1	44	49017	145181	4	K07N	10951	7	Rehab	16826 DOMINICAN DR
1	45	49017	145182	4	K07N	10951	7	Rehab	16825 DOMINICAN DR
1	46	55719	145183	4	L07N	10912	5	Replace	16836 ACEBO DR
1	47	55732	145185	4	L07N	10912	3	Rehab	16832 PINATA DR
1	48	55717	145186	4	L07N	10951	9	Rehab	16866 BELLOTA DR
1	49	49017	145187	4	K07N	10951	7	Replace	16816 DOMINICAN DR
1	50	55718	145188	4	L07N	10912	6	Rehab	12150 BELLOTA PL
1	51	55718	145195	4	L07N	10912	6	Rehab	12170 BELLOTA PL
1	52	55732	145198	4	L07N	10912	3	Rehab	16821 PINATA DR
1	53	55717	145199	4	L07N	10951	9	Rehab	16856 BELLOTA DR
1	54	55732	145200	4	L07N	10912	3	Rehab	16822 PINATA DR
1	55	55718	145205	4	L07N	10912	6	Rehab	12171 BELLOTA PL
1	56	55732	145214	4	L07N	10912	3	Rehab	16812 PINATA DR
1	57	55718	145218	4	L07N	10912	6	Rehab	12161 BELLOTA PL
1	58	55732	145220	4	L07N	10912	3	Replace	16809 PINATA DR
1	59	55717	145228	4	L07N	10951	9	Replace	16851 BELLOTA DR
1	60	55710	283026	4	L07N	10951	6	Rehab	16976 DOMINICAN DR
1	61	55710	283028	4	L07N	10951	6	Rehab	16984 DOMINICAN DR
1	62	55711	283034	4	L07N	10951	6	Rehab	16952 DOMINICAN DR
1	63	55711	283038	4	L07N	10951	6	Rehab	16959 DOMINICAN DR
1	64	55712	283045	4	L07N	10951	7	Rehab	16936 DOMINICAN DR
1	65	55709	283046	4	L07N	10912	7	Rehab	16995 DOMINICAN DR
1	66	55712	283047	4	L07N	10951	7	Rehab	16941 DOMINICAN DR
1	67	55706	283052	4	L07N	10912	9	Rehab	12130 SANTIAGO RD
1	68	55712	283054	4	L07N	10951	7	Rehab	16930 DOMINICAN DR
1	69	55705	283061	4	L07N	10912	9	Rehab	12138 SANTIAGO RD
1	70	55712	283062	4	L07N	10951	7	Rehab	16924 DOMINICAN DR
1	71	55706	283063	4	L07N	10912	9	Rehab	16981 BELLOTA DR
1	72	55706	283064	4	L07N	10912	9	Rehab	12127 SANTIAGO RD
1	73	55712	283065	4	L07N	10951	7	Rehab	16927 DOMINICAN DR
1	74	55707	283066	4	L07N	10912	8	Rehab	16948 BELLOTA DR
1	75	55705	283070	4	L07N	10912	9	Rehab	12137 SANTIAGO RD
1	76	55712	283071	4	L07N	10951	7	Rehab	16918 DOMINICAN DR
1	77	55705	283074	4	L07N	10912	9	Rehab	12145 SANTIAGO RD
1	78	55707	283075	4	L07N	10912	8	Rehab	16936 BELLOTA DR
1	79	55704	283082	4	L07N	10912	9	Rehab	12153 SANTIAGO RD
1	80	55707	283085	4	L07N	10912	8	Rehab	16929 BELLOTA DR
1	81	55704	283086	4	L07N	10912	9	Rehab	12170 SANTIAGO RD
1	82	55707	283088	4	L07N	10912	8	Rehab	16924 BELLOTA DR
1	83	49018	283092	4	L07N	10951	7	Rehab	16906 DOMINICAN DR
1	84	55704	283094	4	L07N	10912	9	Rehab	12178 SANTIAGO RD
1	85	55707	283096	4	L07N	10912	8	Rehab	16912 BELLOTA DR
1	86	55704	283099	4	L07N	10912	9	Rehab	16882 SANTIAGO WEST RD
1	87	55707	283102	4	L07N	10912	8	Rehab	16917 BELLOTA DR
1	88	49018	283104	4	K07N	10951	7	Rehab	16876 DOMINICAN DR
1	89	55715	283106	4	L07N	10912	8	Rehab	16896 BELLOTA DR

Rancho Bernardo Improv 1 (B23042) Sewer Laterals Spreadsheet

Map Number	Lateral	Main FSN	Lateral FSN	Lateral Size	Field Book Page	As-Built		Action	Address
						DRAWG_NUM	DRAWG_SHEET_NUM		
1	90	55702	283107	4	L07N	10787	0	Rehab	12222 SANTIAGO RD
1	91	55702	283118	4	L07N	10787	0	Rehab	12215 SANTIAGO RD
1	92	55702	283119	4	L07N	10787	0	Rehab	12232 SANTIAGO RD
1	93	49018	283120	4	K07N	10951	7	Rehab	16866 DOMINICAN DR
1	94	55715	283122	4	L07N	10912	8	Rehab	16890 BELLOTA DR
1	95	55713	283123	4	L07N	10912	5	Rehab	16869 ACEBO DR
1	96	55702	283129	4	L07N	10787	0	Rehab	12217 SANTIAGO RD
1	97	55715	283133	4	L07N	10912	8	Rehab	16884 BELLOTA DR
1	98	55716	283134	4	L07N	10912	5	Rehab	16859 ACEBO DR
1	99	49018	283136	4	K07N	10951	7	Rehab	16846 DOMINICAN DR
1	100	49018	283137	4	K07N	10951	7	Rehab	16849 DOMINICAN DR
1	101	55733	283140	4	L07N	10912	3	Rehab	16857 PINATA DR
1	102	55715	283143	4	L07N	10912	8	Rehab	16876 BELLOTA DR
1	103	49017	283147	4	K07N	10951	7	Rehab	16839 DOMINICAN DR
1	104	55733	283148	4	L07N	10912	3	Rehab	16845 PINATA DR
1	105	55719	283149	4	L07N	10912	5	Rehab	16846 ACEBO DR
1	106	55733	283155	4	L07N	10912	3	Rehab	16833 PINATA DR
1	107	55718	283160	4	L07N	10912	6	Rehab	12160 BELLOTA PL
1	108	55717	283165	4	L07N	10951	9	Rehab	16863 BELLOTA DR
1	109	55717	283172	4	L07N	10951	9	Rehab	16857 BELLOTA DR
2	110	55720	145193	4	L07N	10912	4	Rehab	16829 ACEBO DR
2	111	49005	145202	4	K07N	10951	5	Rehab	11954 OBISPO RD
2	112	55720	145203	4	L07N	10912	4	Rehab	16819 ACEBO DR
2	113	55720	145215	4	L07N	10912	4	Rehab	16816 ACEBO DR
2	114	49003	145216	4	K07N	10951	3	Rehab	16799 ACENA DR
2	115	49015	145219	4	K07N	10951	9	Rehab	16798 DIEGO DR
2	116	49005	145221	4	K07N	10951	5	Rehab	11964 OBISPO RD
2	117	49016	145222	4	L07N	10951	9	Replace	16850 BELLOTA DR
2	118	49003	145224	4	K07N	10951	3	Rehab	16791 ACENA DR
2	119	55731	145230	4	L07N	10912	3	Replace	16780 PINATA DR
2	120	49005	145232	4	K07N	10951	5	Rehab	11965 OBISPO RD
2	121	49005	145235	4	K07N	10951	5	Rehab	11974 OBISPO RD
2	122	49016	145236	4	K07N	10951	9	Rehab	16839 BELLOTA DR
2	123	49007	145237	4	K07N	10951	8	Rehab	16789 DIEGO DR
2	124	49016	145240	4	K07N	10951	9	Rehab	16833 BELLOTA DR
2	125	49016	145242	4	L07N	10951	9	Rehab	16845 BELLOTA DR
2	126	49015	145244	4	K07N	10951	9	Rehab	16817 BELLOTA DR
2	127	49015	145247	4	K07N	10951	9	Rehab	16825 BELLOTA DR
2	128	55731	145249	4	L07N	10912	3	Rehab	16770 PINATA DR
2	129	49006	145254	4	K07N	10951	5	Rehab	11984 OBISPO RD
2	130	49007	145258	4	K07N	10951	8	Rehab	16779 DIEGO DR
2	131	55721	145261	4	L07N	10951	4	Rehab	12118 OBISPO RD
2	132	55722	145264	4	L07N	10951	4	Rehab	12112 OBISPO RD
2	133	49006	145265	4	K07N	10951	5	Rehab	11994 OBISPO RD
2	134	55730	145266	4	L07N	10912	3	Rehab	16760 PINATA DR
2	135	55727	145267	4	L07N	10912	4	Rehab	16772 ACEBO DR
2	136	49006	145269	4	K07N	10951	5	Rehab	11981 OBISPO RD
2	137	49007	145272	4	K07N	10951	8	Rehab	16769 DIEGO DR
2	138	55721	145273	4	L07N	10951	4	Rehab	12121 OBISPO RD
2	139	55730	145274	4	L07N	10912	3	Rehab	16753 PINATA DR
2	140	55722	145277	4	L07N	10951	4	Rehab	12088 OBISPO RD
2	141	55727	145279	4	L07N	10912	4	Rehab	16765 ACEBO DR
2	142	55722	145281	4	L07N	10951	4	Rehab	12078 OBISPO RD
2	143	55730	145282	4	L07N	10912	3	Rehab	16750 PINATA DR
2	144	55727	145285	4	L07N	10912	4	Rehab	16762 ACEBO DR
2	145	49013	145287	4	K07N	10951	4	Rehab	12028 OBISPO RD
2	146	49013	145290	4	K07N	10951	4	Rehab	12038 OBISPO RD
2	147	55722	145298	4	L07N	10951	4	Rehab	12085 OBISPO RD
2	148	55727	145299	4	L07N	10912	4	Rehab	16755 ACEBO DR
2	149	55738	145301	4	L07N	10912	2	Rehab	16754 BERNARDO OAKS DR
2	150	55722	145302	4	L07N	10951	4	Rehab	12075 OBISPO RD
2	151	49012	145310	4	K07N	10951	4	Rehab	12055 OBISPO RD
2	152	55729	145311	4	L07N	10912	2	Rehab	12185 PASTORAL RD
2	153	55724	145320	4	L07N	10951	12	Rehab	12132 PASTORAL RD
2	154	55724	145326	4	L07N	10951	12	Rehab	12124 PASTORAL RD
2	155	49010	145331	4	K07N	10951	6	Rehab	16740 OBISPO LN
2	156	55723	145334	4	L07N	10951	12	Rehab	12110 PASTORAL RD
2	157	55724	145338	4	L07N	10951	12	Rehab	12135 PASTORAL RD
2	158	55726	145340	4	L07N	10912	4	Rehab	12143 PASTORAL RD
2	159	55723	145343	4	L07N	10951	12	Rehab	12102 PASTORAL RD
2	160	55723	145345	4	L07N	10951	12	Rehab	12098 PASTORAL RD
2	161	49009	145346	4	K07N	10951	6	Rehab	16726 OBISPO LN
2	162	55723	145347	4	L07N	10951	12	Rehab	12111 PASTORAL RD
2	163	55150	145351	4	L07N	10951	12	Rehab	12090 PASTORAL RD
2	164	49009	145353	4	K07N	10951	6	Rehab	16733 OBISPO LN
2	165	49009	145359	4	K07N	10951	6	Rehab	16710 OBISPO LN
2	166	55150	145360	4	L07N	10951	12	Rehab	12097 PASTORAL RD
2	167	55150	145366	4	L07N	10951	12	Rehab	12082 PASTORAL RD
2	168	49009	145369	4	K07N	10951	6	Rehab	16701 OBISPO LN
2	169	55150	145375	4	L07N	10951	12	Rehab	12089 PASTORAL RD
2	170	49009	145387	4	K07N	10951	6	Rehab	16717 OBISPO LN
2	171	49009	145388	4	K07N	10951	6	Rehab	16709 OBISPO LN
2	172	55149	145392	4	K06N	10951	11	Rehab	12068 PASTORAL RD
2	173	55149	Null	4		10951	11	Rehab	12065 PASTORAL RD
2	174	55149	145405	4	K06N	10951	11	Rehab	12060 PASTORAL RD
2	175	55171	145409	4	L06N	12778	3	Rehab	16695 CASERO RD
2	176	48755	145417	4	K06N	10951	11	Rehab	12052 PASTORAL RD
2	177	48755	145427	4	K06N	10951	11	Rehab	12044 PASTORAL RD
2	178	55171	145428	4	L06N	12778	3	Rehab	16685 CASERO RD

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Map Number	Lateral	Main FSN	Lateral FSN	Lateral Size	Field Book Page	As-Built		Action	Address
						DRAWG_NUM	DRAWG_SHEET_NUM		
2	179	55149	145429	4	K06N	10951	11	Rehab	12057 PASTORAL RD
2	180	55171	145436	4	L06N	12778	3	Rehab	16675 CASERO RD
2	181	48755	145438	4	K06N	10951	11	Replace	12036 PASTORAL RD
2	182	48755	145445	4	K06N	10951	11	Rehab	12041 PASTORAL RD
2	183	48755	145454	4	K06N	10951	11	Rehab	12033 PASTORAL RD
2	184	55720	283163	4	L07N	10912	4	Rehab	16826 ACEBO DR
2	185	49015	283175	4	K07N	10951	9	Rehab	16808 BELLOTA DR
2	186	49015	283179	4	K07N	10951	9	Rehab	16818 BELLOTA DR
2	187	49007	283180	4	K07N	10951	8	Rehab	16790 DIEGO DR
2	188	49015	283183	4	K07N	10951	9	Rehab	16828 BELLOTA DR
2	189	55720	283185	4	L07N	10912	4	Rehab	16809 ACEBO DR
2	190	49007	283192	4	K07N	10951	8	Rehab	16780 DIEGO DR
2	191	55731	283194	4	L07N	10912	3	Rehab	16773 PINATA DR
2	192	55720	283196	4	L07N	10912	4	Rehab	16806 ACEBO DR
2	193	55720	283199	4	L07N	10912	4	Rehab	16785 ACEBO DR
2	194	49005	283202	4	K07N	10951	5	Rehab	11973 OBISPO RD
2	195	55721	283203	4	L07N	10951	4	Rehab	12124 OBISPO RD
2	196	55730	283207	4	L07N	10912	3	Rehab	16763 PINATA DR
2	197	55727	283208	4	L07N	10912	4	Rehab	16775 ACEBO DR
2	198	55722	283213	4	L07N	10951	4	Rehab	12106 OBISPO RD
2	199	49006	283221	4	K07N	10951	5	Rehab	11989 OBISPO RD
2	200	55721	283222	4	L07N	10951	4	Rehab	12115 OBISPO RD
2	201	49006	283224	4	K07N	10951	5	Rehab	11999 OBISPO RD
2	202	49012	283225	4	L07N	10951	4	Rehab	12068 OBISPO RD
2	203	55722	283226	4	L07N	10951	4	Rehab	12109 OBISPO RD
2	204	55722	283230	4	L07N	10951	4	Rehab	12103 OBISPO RD
2	205	49012	283231	4	K07N	10951	4	Rehab	12058 OBISPO RD
2	206	49013	283232	4	K07N	10951	4	Rehab	12048 OBISPO RD
2	207	55727	283237	4	L07N	10912	4	Rehab	16752 ACEBO DR
2	208	55728	283238	4	L07N	10912	2	Rehab	16750 PINATA DR
2	209	55729	283241	4	L07N	10912	2	Rehab	12205 PASTORAL RD
2	210	49012	283242	4	L07N	10951	4	Rehab	12065 OBISPO RD
2	211	49013	283243	4	K07N	10951	4	Rehab	12021 OBISPO RD
2	212	49013	283246	4	K07N	10951	4	Rehab	12031 OBISPO RD
2	213	49013	283248	4	K07N	10951	4	Rehab	12041 OBISPO RD
2	214	55728	283253	4	L07N	10912	2	Rehab	12175 PASTORAL RD
2	215	55728	283255	4	L07N	10912	2	Rehab	12165 PASTORAL RD
2	216	55728	283258	4	L07N	10912	2	Rehab	12155 PASTORAL RD
2	217	49010	283259	4	K07N	10951	6	Rehab	16749 OBISPO LN
2	218	55724	283264	4	L07N	10951	12	Rehab	12116 PASTORAL RD
2	219	55724	283267	4	L07N	10951	12	Rehab	12143 PASTORAL RD
2	220	49010	283271	4	K07N	10951	6	Rehab	16741 OBISPO LN
2	221	55724	283273	4	L07N	10951	12	Rehab	12127 PASTORAL RD
2	222	55724	283274	4	L07N	10951	12	Rehab	12119 PASTORAL RD
2	223	55723	283285	4	L07N	10951	12	Rehab	12103 PASTORAL RD
2	224	49009	283287	4	K07N	10951	6	Rehab	16718 OBISPO LN
2	225	49009	283288	4	K07N	10951	6	Rehab	16725 OBISPO LN
2	226	55150	283296	4	L07N	10951	12	Rehab	12074 PASTORAL RD
2	227	55150	283308	4	L06N	10951	12	Rehab	12081 PASTORAL RD
2	228	48755	283344	4	K06N	10951	11	Rehab	12049 PASTORAL RD
2	229	55149	145402	4	L06N	10951	12	Rehab	12073 PASTORAL RD
3	230	55165	145567	4	L06N	12779	2	Replace	12202 SAN TOMAS CT
3	231	55165	145571	4	L06N	12779	2	Replace	12205 SAN TOMAS CT
3	232	55165	283422	4	L06N	12779	2	Rehab	12228 SAN TOMAS CT
3	233	55165	283427	4	L06N	12779	2	Rehab	12216 SAN TOMAS CT
3	234	55165	283442	4	L06N	12779	2	Rehab	12221 SAN TOMAS CT
3	235	55258	283460	4	L06N	11216	1	Rehab	16575 BERNARDO OAKS DR
3	236	55258	283474	4	L06N	11216	1	Rehab	16555 BERNARDO OAKS DR
3	237	55257	145580	4	L06N	11216	1	Rehab	16598 BERNARDO OAKS DR
3	238	55165	145587	4	L06N	12779	2	Rehab	12211 SAN TOMAS CT
3	239	55258	145600	4	L06N	11216	1	Rehab	16576 BERNARDO OAKS DR
3	240	55188	145627	4	L06N	11314	5	Replace	12106 CALLADO RD
3	241	55209	145637	4	L06N	11215	5	Rehab	16486 RAMADA DR
3	242	55188	145652	4	K06N	11314	5	Rehab	12107 CALLADO RD
3	243	55187	145654	4	L06N	11314	5	Rehab	16514 CASERO RD
3	244	55188	145663	4	L06N	11314	5	Rehab	12113 CALLADO RD
3	245	55187	145674	4	L06N	11314	5	Rehab	12138 CALLADO RD
3	246	55181	145682	4	L06N	11314	12	Rehab	12222 RIOS RD
3	247	55181	145690	4	L06N	11314	12	Rehab	12227 RIOS RD
3	248	55181	145692	4	L06N	11314	12	Rehab	12221 RIOS RD
3	249	55181	145722	4	L06N	11314	12	Rehab	12209 RIOS RD
3	250	55258	283488	4	L06N	11216	1	Rehab	16535 BERNARDO OAKS DR
3	251	55188	283491	4	L06N	11314	5	Rehab	12110 CALLADO RD
3	252	55209	283494	4	L06N	11215	5	Rehab	16494 RAMADA DR
3	253	55209	283508	4	L06N	11215	5	Rehab	16491 RAMADA DR
3	254	55187	283518	4	L06N	11314	5	Rehab	12119 CALLADO RD
3	255	55187	283525	4	L06N	11314	5	Rehab	12125 CALLADO RD
3	256	55181	283534	4	L06N	11314	12	Rehab	12214 RIOS RD
3	257	55187	283535	4	L06N	11314	5	Rehab	12131 CALLADO RD
3	258	55187	283541	4	L06N	11314	5	Rehab	12137 CALLADO RD
3	259	55181	283547	4	L06N	11314	12	Rehab	12208 RIOS RD
3	260	55187	283550	4	L06N	11314	5	Rehab	12143 CALLADO RD
3	261	55181	283556	4	L06N	11314	12	Rehab	12215 RIOS RD
4	262	55219	145778	4	L06N	Null	Null	Rehab	12423 HORADO RD
4	263	55233	145780	4	L06N	11142	5	Rehab	12454 PIPO RD
4	264	55233	145788	4	L06N	11142	5	Replace	12473 PIPO RD
4	265	55233	145790	4	L06N	11142	5	Rehab	12442 PIPO RD
4	266	55219	283582	4	L06N	Null	Null	Rehab	12420 HORADO RD
4	267	55233	283585	4	L06N	11142	5	Rehab	12470 PIPO RD

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Map Number	Lateral	Main FSN	Lateral FSN	Lateral Size	Field Book Page	As-Built		Action	Address
						DRAWG_NUM	DRAWG_SHEET_NUM		
4	268	55219	283602	4	L06N	Null	Null	Rehab	12412 HORADO RD
4	269	55229	283604	4	L06N	11142	5	Rehab	12430 PIPO RD
4	270	55229	283621	4	L06N	11142	5	Rehab	12403 PIPO RD
4	271	55218	283623	4	L06N	Null	Null	Rehab	12407 HORADO RD
4	272	55199	283646	4	L06N	12314	9	Rehab	12220 LOMICA DR
4	273	55232	283647	4	L06N	11142	5	Rehab	12525 NIEGO LN
4	274	55312	283653	4	L06N	11142	3	Rehab	16364 ROCA DR
4	275	55312	283656	4	L06N	11142	3	Rehab	16359 ROCA DR
4	276	55199	283664	4	L06N	12314	9	Rehab	12232 LOMICA DR
4	277	55199	283670	4	L06N	12314	9	Rehab	12238 LOMICA DR
4	278	55232	283673	4	L06N	11142	5	Rehab	12533 NIEGO LN
4	279	55328	283678	4	L06N	11142	4	Rehab	12548 NIEGO LN
4	280	55232	283685	4	L06N	11142	5	Rehab	12541 NIEGO LN
4	281	55436	283688	4	L06N	11215	8	Rehab	12256 LOMICA DR
4	282	55327	283690	4	L06N	11142	3	Rehab	16340 ROCA DR
4	283	55434	283691	4	L06N	11215	3	Rehab	16328 BERNARDO OAKS DR
4	284	55436	283692	4	L06N	11215	8	Rehab	12262 LOMICA DR
4	285	55434	283693	4	L06N	11215	3	Rehab	16329 BERNARDO OAKS DR
4	286	55328	283694	4	L06N	11142	4	Rehab	12565 NIEGO LN
4	287	55219	145797	4	L06N	Null	Null	Rehab	12415 HORADO RD
4	288	55233	145803	4	L06N	11142	5	Rehab	12459 PIPO RD
4	289	55233	145811	4	L06N	11142	5	Rehab	12445 PIPO RD
4	290	55218	145817	4	L06N	Null	Null	Rehab	12384 HORADO RD
4	291	55233	145818	4	L06N	11142	5	Rehab	12431 PIPO RD
4	292	55229	145823	4	L06N	11142	5	Rehab	12417 PIPO RD
4	293	55197	145829	4	L06N	11215	7	Rehab	12186 LOMICA DR
4	294	55218	145835	4	L06N	Null	Null	Rehab	16421 SENDA PL
4	295	55218	145837	4	L06N	Null	Null	Rehab	12381 HORADO RD
4	296	55197	145843	4	L06N	11215	7	Rehab	12202 LOMICA DR
4	297	55218	145849	4	L06N	Null	Null	Rehab	16411 SENDA PL
4	298	55218	145858	4	L06N	Null	Null	Rehab	16410 SENDA PL
4	299	55218	145859	4	L06N	Null	Null	Rehab	16420 SENDA PL
4	300	55312	145862	4	L06N	11142	3	Replace	16379 ROCA DR
4	301	55197	145864	4	L06N	11215	7	Rehab	12208 LOMICA DR
4	302	55312	145865	4	L06N	11142	3	Rehab	16374 ROCA DR
4	303	55232	145867	4	L06N	11142	5	Replace	12502 NIEGO LN
4	304	55232	145868	4	L06N	11142	5	Replace	12509 NIEGO LN
4	305	55232	145869	4	L06N	11142	5	Rehab	12508 NIEGO LN
4	306	55232	145873	4	L06N	11142	5	Rehab	12518 NIEGO LN
4	307	55199	145875	4	L06N	12314	9	Rehab	12214 LOMICA DR
4	308	55232	145876	4	L06N	11142	5	Rehab	12517 NIEGO LN
4	309	55312	145878	4	L06N	11142	3	Rehab	16369 ROCA DR
4	310	55199	145888	4	L06N	12314	9	Rehab	12226 LOMICA DR
4	311	55232	145897	4	L06N	11142	5	Rehab	12528 NIEGO LN
4	312	55312	145910	4	L06N	11142	3	Rehab	16354 ROCA DR
4	313	55199	145920	4	L06N	12314	9	Rehab	12244 LOMICA DR
4	314	55327	145923	4	L06N	11142	3	Rehab	16349 ROCA DR
4	315	55328	145924	4	L06N	11142	4	Rehab	12574 NIEGO LN
4	316	55436	145926	4	L06N	11215	8	Rehab	12250 LOMICA DR
4	317	55327	145934	4	L06N	11142	3	Rehab	16341 ROCA DR
4	318	55434	145935	4	L06N	11215	3	Rehab	16343 BERNARDO OAKS DR
4	319	55232	145940	4	L06N	11142	5	Rehab	12549 NIEGO LN
4	320	55328	145941	4	L06N	11142	4	Rehab	12573 NIEGO LN
4	321	55327	145947	4	L06N	11142	3	Rehab	16333 ROCA DR
4	322	55327	145955	4	L06N	11142	3	Rehab	16330 ROCA DR
4	323	55434	145956	4	L06N	11215	3	Rehab	16315 BERNARDO OAKS DR
4	324	55435	145968	4	L06N	11215	8	Rehab	12286 LOMICA DR
4	325	55416	145973	4	L06N	11215	13	Rehab	12402 MANTILLA RD
4	326	55330	145975	4	L06N	11142	3	Rehab	16320 ROCA DR
4	327	55416	145976	4	L06N	11215	13	Rehab	12412 MANTILLA RD
4	328	55434	145979	4	L06N	11215	3	Rehab	16301 BERNARDO OAKS DR
4	329	55416	145980	4	L06N	11215	13	Rehab	12422 MANTILLA RD
4	330	55330	145993	4	L06N	11142	3	Rehab	16317 ROCA DR
4	331	55328	283697	4	L06N	11142	4	Rehab	12557 NIEGO LN
4	332	55436	283698	4	L06N	11215	8	Rehab	12268 LOMICA DR
4	333	55435	283703	4	L06N	11215	8	Rehab	12274 LOMICA DR
4	334	55435	283708	4	L06N	11215	8	Rehab	12280 LOMICA DR
4	335	55330	283715	4	L06N	11142	3	Rehab	16325 ROCA DR
4	336	55435	283725	4	L06N	11215	8	Rehab	12292 LOMICA DR
4	337	55330	283735	4	L06N	11142	3	Rehab	16310 ROCA DR
4	338	55416	283740	4	L06N	11215	13	Rehab	12411 MANTILLA RD
4	339	55416	283741	4	L06N	11215	13	Rehab	12421 MANTILLA RD
4	340	55435	283742	4	L06N	11215	8	Rehab	12293 LOMICA DR
4	341	55331	283765	4	L06N	11142	8	Rehab	12553 MANTILLA RD
4	342	55331	283768	4	L06N	11142	8	Rehab	12563 MANTILLA RD
4	343	55331	283771	4	L06N	11142	8	Rehab	12609 MANTILLA RD
4	344	55331	283773	4	L06N	11142	8	Rehab	12617 MANTILLA RD
4	345	55330	146018	4	L06N	11142	3	Rehab	16309 ROCA DR
4	346	55433	146023	4	L06N	11215	8	Replace	12314 LOMICA DR
4	347	55433	146024	4	L06N	11215	8	Rehab	12299 LOMICA DR
4	348	55433	146029	4	L06N	11215	8	Rehab	12305 LOMICA DR
4	349	55331	146033	4	L06N	11142	8	Rehab	12608 MANTILLA RD
4	350	55433	146034	4	L06N	11215	8	Rehab	12311 LOMICA DR
4	351	55331	146036	4	L06N	11142	8	Rehab	12616 MANTILLA RD
5	352	55748	145184	4	L07N	10838	3	Replace	12384 SANTIAGO RD
5	353	55748	145189	4	L07N	10838	3	Rehab	12384 SANTIAGO RD
5	354	55747	145192	4	L07N	10838	3	Rehab	12384 SANTIAGO RD
5	355	55747	145208	4	L07N	10838	3	Rehab	12384 SANTIAGO RD
5	356	55745	145256	4	L07N	10838	2	Rehab	12384 SANTIAGO RD

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Map Number	Lateral	Main FSN	Lateral FSN	Lateral Size	Field Book Page	As-Built		Action	Address
						DRAWG_NUM	DRAWG_SHEET_NUM		
5	357	55740	145284	4	L07N	10838	4	Rehab	12384 SANTIAGO RD
5	358	55741	145314	4	L07N	10838	5	Rehab	12384 SANTIAGO RD
5	359	55742	145315	4	L07N	10838	5	Rehab	16678 ROCA DR
5	360	55742	145318	4	L07N	10838	5	Rehab	16678 ROCA DR
5	361	55742	145322	4	L07N	10838	5	Rehab	16678 ROCA DR
5	362	55744	145329	4	L07N	10838	5	Rehab	12384 SANTIAGO RD
5	363	55748	283157	4	L07N	10838	3	Replace	12384 SANTIAGO RD
5	364	55747	283161	4	L07N	10838	3	Rehab	12384 SANTIAGO RD
5	365	55748	283168	4	L07N	10838	3	Rehab	12384 SANTIAGO RD
5	366	55746	283169	4	L07N	10838	2	Rehab	12384 SANTIAGO RD
5	367	55747	283174	4	L07N	10838	3	Rehab	12384 SANTIAGO RD
5	368	55745	283189	4	L07N	10838	2	Rehab	12384 SANTIAGO RD
5	369	55740	283215	4	L07N	10838	4	Rehab	12384 SANTIAGO RD
5	370	55740	283216	4	L07N	10838	4	Rehab	12384 SANTIAGO RD
5	371	55745	283229	4	L07N	10838	2	Rehab	12384 SANTIAGO RD
5	372	55740	283250	4	L07N	10838	4	Rehab	12384 SANTIAGO RD
5	373	55742	283262	4	L07N	10838	5	Rehab	16678 ROCA DR
5	374	55741	283263	4	L07N	10838	5	Rehab	12384 SANTIAGO RD
5	375	55741	283265	4	L07N	10838	5	Rehab	12384 SANTIAGO RD
6	376	55249	145379	4	L07N	10838	7	Rehab	16678 ROCA DR
6	377	55249	145380	4	L07N	10838	7	Rehab	16678 ROCA DR
6	378	55246	145383	4	L07N	10838	6	Replace	16630 DIAZ DR
6	379	55246	145384	4	L07N	10838	6	Rehab	16630 DIAZ DR
6	380	55248	145403	4	L06N	10838	7	Rehab	16678 ROCA DR
6	381	55251	145416	4	L06N	10838	7	Rehab	16657 BERNARDO OAKS DR
6	382	55245	145419	4	L06N	10838	6	Rehab	16630 DIAZ DR
6	383	55248	145420	4	L06N	10838	7	Rehab	16678 ROCA DR
6	384	55251	145446	4	L06N	10838	7	Rehab	16657 BERNARDO OAKS DR
6	385	55247	145447	4	L06N	10838	7	Rehab	16678 ROCA DR
6	386	55244	145448	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	387	55247	145456	4	L06N	10838	7	Replace	16678 ROCA DR
6	388	55247	145460	4	L06N	10838	7	Rehab	16678 ROCA DR
6	389	55252	145466	4	L06N	10838	8	Rehab	16657 BERNARDO OAKS DR
6	390	55243	145474	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	391	55252	145485	4	L06N	10838	8	Rehab	16657 BERNARDO OAKS DR
6	392	55252	145497	4	L06N	10838	8	Rehab	16657 BERNARDO OAKS DR
6	393	55285	145499	4	L06N	13663	5	Rehab	16551 GABARDA RD
6	394	55285	145500	4	L06N	13663	5	Rehab	16556 GABARDA RD
6	395	55242	145503	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	396	55253	145504	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	397	55285	145507	4	L06N	13663	5	Rehab	16527 GABARDA RD
6	398	55252	145516	4	L06N	10838	8	Rehab	16657 BERNARDO OAKS DR
6	399	55254	145519	4	L06N	10838	10	Rehab	16657 BERNARDO OAKS DR
6	400	55253	145520	4	L06N	10838	9	Rehab	16657 BERNARDO OAKS DR
6	401	55285	145524	4	L06N	13663	5	Rehab	16519 GABARDA RD
6	402	55285	145530	4	L06N	13663	5	Rehab	16516 GABARDA RD
6	403	55238	145535	4	L06N	Null	Null	Replace	16563 SAMBROSO PL
6	404	55238	145536	4	L06N	Null	Null	Replace	16572 SAMBROSO PL
6	405	55238	145537	4	L06N	Null	Null	Replace	16562 SAMBROSO PL
6	406	55254	145540	4	L06N	10838	10	Rehab	16657 BERNARDO OAKS DR
6	407	55238	145542	4	L06N	Null	Null	Rehab	16551 SAMBROSO PL
6	408	55238	145552	4	L06N	Null	Null	Rehab	16550 SAMBROSO PL
6	409	55254	145559	4	L06N	10838	10	Rehab	16657 BERNARDO OAKS DR
6	410	55254	145561	4	L06N	10838	10	Rehab	16657 BERNARDO OAKS DR
6	411	55238	145574	4	L06N	Null	Null	Rehab	16526 SAMBROSO PL
6	412	55250	283301	4	L07N	10838	7	Rehab	16657 BERNARDO OAKS DR
6	413	55250	283304	4	L06N	10838	7	Rehab	16657 BERNARDO OAKS DR
6	414	55249	283316	4	L06N	10838	7	Rehab	16678 ROCA DR
6	415	55246	283317	4	L06N	10838	6	Rehab	16630 DIAZ DR
6	416	55246	283321	4	L06N	10838	6	Rehab	16630 DIAZ DR
6	417	55251	283327	4	L06N	10838	7	Rehab	16657 BERNARDO OAKS DR
6	418	55245	283341	4	L06N	10838	6	Rehab	16630 DIAZ DR
6	419	55247	283343	4	L06N	10838	7	Rehab	16678 ROCA DR
6	420	55265	283351	4	L06N	10838	9	Rehab	12541 RIOS DR
6	421	55251	283355	4	L06N	10838	7	Rehab	16657 BERNARDO OAKS DR
6	422	55265	283360	4	L06N	10838	9	Rehab	12541 RIOS DR
6	423	55244	283362	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	424	55252	283373	4	L06N	10838	8	Rehab	16657 BERNARDO OAKS DR
6	425	55242	283382	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	426	55242	283390	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	427	55285	283391	4	L06N	13663	5	Rehab	16546 GABARDA RD
6	428	55242	283393	4	L06N	10838	9	Rehab	16630 DIAZ DR
6	429	55285	283400	4	L06N	13663	5	Rehab	16536 GABARDA RD
6	430	55285	283402	4	L06N	13663	5	Rehab	16526 GABARDA RD
6	431	55252	283404	4	L06N	10838	8	Rehab	16657 BERNARDO OAKS DR
6	432	55285	283411	4	L06N	13663	5	Rehab	16511 GABARDA RD
6	433	55238	283417	4	L06N	Null	Null	Rehab	16539 SAMBROSO PL
6	434	55238	283425	4	L06N	Null	Null	Rehab	16538 SAMBROSO PL
6	435	55238	283430	4	L06N	Null	Null	Rehab	16527 SAMBROSO PL
6	436	55238	283443	6	L06N	Null	Null	Rehab	16515 SAMBROSO PL
6	437	55238	145586	4	L06N	Null	Null	Rehab	16514 SAMBROSO PL
6	438	55235	145649	4	L06N	11142	2	Rehab	16498 ROCA DR
6	439	55235	145665	4	L06N	11142	2	Rehab	16490 ROCA DR
6	440	55235	145676	4	L06N	11142	2	Rehab	16482 ROCA DR
6	441	55235	145678	4	L06N	11142	2	Rehab	16477 ROCA DR
6	442	55235	145688	4	L06N	11142	2	Rehab	16474 ROCA DR
6	443	55235	283504	4	L06N	11142	2	Rehab	16487 ROCA DR
7	444	55679	145196	4	L07N	10784	12	Rehab	12772 JARDIN RD
7	445	55679	145197	4	L07N	10784	12	Rehab	12762 JARDIN RD

Rancho Bernardo Improv 1 (B23042) Sewer Laterals Spreadsheet

Map Number	Lateral	Main FSN	Lateral FSN	Lateral Size	Field Book Page	As-Built		Action	Address
						DRAWG_NUM	DRAWG_SHEET NUM		
7	446	55670	145207	4	L07N	10784	12	Rehab	12742 JARDIN RD
7	447	55678	145209	4	L07N	10784	11	Rehab	12782 JARDIN RD
7	448	55670	145210	4	L07N	10784	12	Rehab	12732 JARDIN RD
7	449	55678	145211	4	L07N	10784	11	Rehab	16863 PALMERO DR
7	450	55670	145217	4	L07N	10784	12	Rehab	12722 JARDIN RD
7	451	55678	145225	4	L07N	10784	11	Rehab	16849 PALMERO DR
7	452	55678	145238	4	L07N	10784	11	Rehab	16835 PALMERO DR
7	453	55668	145250	4	L07N	10784	8	Rehab	12668 SONORA RD
7	454	55668	145251	4	L07N	10784	8	Rehab	12678 SONORA RD
7	455	55668	145252	4	L07N	10784	8	Replace	12688 SONORA RD
7	456	55662	145268	4	L07N	10784	6	Replace	16763 ANTONIO DR
7	457	55677	145275	4	L07N	10784	11	Rehab	16806 PALMERO DR
7	458	55677	145296	4	L07N	10784	11	Rehab	16760 PALMERO DR
7	459	55676	145305	4	L07N	10784	11	Rehab	16746 PALMERO DR
7	460	55676	145313	4	L07N	10784	11	Rehab	16749 PALMERO DR
7	461	55273	145333	4	L07N	10784	3	Rehab	16723 ANTONIO DR
7	462	55676	145356	4	L07N	10784	11	Rehab	16707 PALMERO DR
7	463	55679	283166	4	L07N	10784	12	Rehab	12752 JARDIN RD
7	464	55678	283176	4	L07N	10784	11	Rehab	16848 PALMERO DR
7	465	55670	283177	4	L07N	10784	12	Rehab	12712 JARDIN RD
7	466	55670	283182	4	L07N	10784	12	Rehab	12745 JARDIN RD
7	467	55670	283187	4	L07N	10784	12	Rehab	12735 JARDIN RD
7	468	55670	283190	4	L07N	10784	12	Rehab	12725 JARDIN RD
7	469	55677	283200	4	L07N	10784	11	Rehab	16834 PALMERO DR
7	470	55677	283204	4	L07N	10784	11	Rehab	16820 PALMERO DR
7	471	55677	283205	4	L07N	10784	11	Rehab	16821 PALMERO DR
7	472	55668	283211	4	L07N	10784	8	Rehab	12665 SONORA RD
7	473	55668	283212	4	L07N	10784	8	Rehab	12675 SONORA RD
7	474	55662	283220	4	L07N	10784	6	Rehab	16753 ANTONIO DR
7	475	55677	283223	4	L07N	10784	11	Rehab	16807 PALMERO DR
7	476	55662	283236	4	L07N	10784	6	Rehab	16743 ANTONIO DR
7	477	55677	283239	4	L07N	10784	11	Rehab	16763 PALMERO DR
7	478	55662	283252	4	L07N	10784	6	Rehab	16733 ANTONIO DR
7	479	55676	283257	4	L07N	10784	11	Rehab	16732 PALMERO DR
7	480	55676	283260	4	L07N	10784	11	Rehab	16735 PALMERO DR
7	481	55676	283268	4	L07N	10784	11	Rehab	16720 PALMERO DR
7	482	55676	283275	4	L07N	10784	11	Rehab	16721 PALMERO DR
7	483	55273	283280	4	L07N	10784	3	Rehab	16713 ANTONIO DR
7	484	55273	283294	4	L07N	10784	3	Rehab	16703 ANTONIO DR

VII. SEWER MANHOLE SPREADSHEET

Rancho Bernardo Improv 1 (B23042) Sewer Manhole Spreadsheet

Map #	FSN	MH IE	MH Depth	Manhole Method	Council District	Community	Installed	MH ID	Field Book
Rehab Manhole									
1	122160	459.54	10	Rehab	5	RANCHO BERNARDO	1962-01-01	266	L07N
1	122161	467	8	Rehab	5	RANCHO BERNARDO	1962-01-01	267	L07N
1	122162	477.34	6	Rehab	5	RANCHO BERNARDO	1962-01-01	268	L07N
1	122163	472.71	7	Rehab	5	RANCHO BERNARDO	1962-01-01	269	L07N
1	122164	474.34	11	Rehab	5	RANCHO BERNARDO	1962-01-01	270	L07N
1	122165	484.84	7	Rehab	5	RANCHO BERNARDO	1962-01-01	271	L07N
1	122166	491.78	7	Rehab	5	RANCHO BERNARDO	1962-01-01	272	L07N
1	122167	492.03	6	Rehab	5	RANCHO BERNARDO	1962-01-01	273	L07N
1	122168	499.11	6	Rehab	5	RANCHO BERNARDO	1962-01-01	274	L07N
1	122169	506.63	6	Rehab	5	RANCHO BERNARDO	1962-01-01	275	L07N
1	122170	514.33	6	Rehab	5	RANCHO BERNARDO	1962-01-01	276	L07N
1	122171	506.96	7	Rehab	5	RANCHO BERNARDO	1962-01-01	277	L07N
1	122173	508.65	7	Rehab	5	RANCHO BERNARDO	1962-01-01	279	L07N
1	122174	509.33	7	Rehab	5	RANCHO BERNARDO	1962-01-01	280	L07N
1	122175	524.61	7	Rehab	5	RANCHO BERNARDO	1962-01-01	281	L07N
1	122195	487.06	6	Rehab	5	RANCHO BERNARDO	1962-01-01	301	L07N
1	115684	521.33	6	Rehab	5	RANCHO BERNARDO	1962-01-01	181	K07N
2	122181	508.48	7	Rehab	5	RANCHO BERNARDO	1962-01-01	287	L07N
2	122182	521.48	6	Rehab	5	RANCHO BERNARDO	1962-01-01	288	L07N
2	122183	534.48	6	Rehab	5	RANCHO BERNARDO	1962-01-01	289	L07N
2	122184	513.42	9	Rehab	5	RANCHO BERNARDO	1962-01-01	290	L07N
2	122185	509.01	9	Rehab	5	RANCHO BERNARDO	1962-01-01	291	L07N
2	122186	495	11	Rehab	5	RANCHO BERNARDO	1962-01-01	292	L07N
2	122187	501.25	9	Rehab	5	RANCHO BERNARDO	1962-01-01	293	L07N
2	122191	482	10	Rehab	5	RANCHO BERNARDO	1962-01-01	297	L07N
2	122192	488.15	7	Rehab	5	RANCHO BERNARDO	1962-01-01	298	L07N
2	122198	476.09	10	Rehab	5	RANCHO BERNARDO	1962-01-01	304	L07N
2	122199	469.5	9	Rehab	5	RANCHO BERNARDO	1962-01-01	305	L07N
2	115430	528.42	12	Rehab	5	RANCHO BERNARDO	1962-01-01	133	K06N
2	115665	511.46	8	Rehab	5	RANCHO BERNARDO	1962-01-01	162	K07N
2	115671	512.93	18	Rehab	5	RANCHO BERNARDO	1962-01-01	168	K07N
2	115672	512.15	12	Rehab	5	RANCHO BERNARDO	1962-01-01	169	K07N
2	115673	508.02	7	Rehab	5	RANCHO BERNARDO	1962-01-01	170	K07N
2	115675	513.92	10	Rehab	5	RANCHO BERNARDO	1962-01-01	172	K07N
2	115676	534.45	7	Rehab	5	RANCHO BERNARDO	1962-01-01	173	K07N
2	115678	541.34	8	Rehab	5	RANCHO BERNARDO	1962-01-01	175	K07N
2	115679	540.48	7	Rehab	5	RANCHO BERNARDO	1962-01-01	176	K07N
2	115680	539.74	7	Rehab	5	RANCHO BERNARDO	1962-01-01	177	K07N
2	115682	527.42	7	Rehab	5	RANCHO BERNARDO	1962-01-01	179	K07N
2	121622	522.73	10	Rehab	5	RANCHO BERNARDO	1962-01-01	1	L06N
2	121639	480.01	13	Rehab	5	RANCHO BERNARDO	1967-01-01	24	L06N
2	121729	475.95	9	Rehab	5	RANCHO BERNARDO	1962-01-01	115	L06N
3	121637	514.39	10	Rehab	5	RANCHO BERNARDO	1967-01-01	21	L06N
3	121648	528.34	7	Rehab	5	RANCHO BERNARDO	1963-01-01	33	L06N
3	121651	542.11	7	Rehab	5	RANCHO BERNARDO	1963-01-01	36	L06N
3	121657	545.91	9	Rehab	5	RANCHO BERNARDO	1963-01-01	42	L06N
3	121659	549.15	9	Rehab	5	RANCHO BERNARDO	1963-01-01	44	L06N
3	121677	505.98	7	Rehab	5	RANCHO BERNARDO	1963-01-01	63	L06N
3	121678	503.3	7	Rehab	5	RANCHO BERNARDO	1963-01-01	64	L06N
3	121723	486	10	Rehab	5	RANCHO BERNARDO	1962-01-01	109	L06N
3	121724	492.19	8	Rehab	5	RANCHO BERNARDO	1963-01-01	110	L06N
4	121664	561.4	7	Rehab	5	RANCHO BERNARDO	1963-01-01	50	L06N
4	121668	548.15	11	Rehab	5	RANCHO BERNARDO	1963-01-01	54	L06N
4	121685	536.96	8	Rehab	5	RANCHO BERNARDO	Null	71	L06N
4	121691	534.33	7	Rehab	5	RANCHO BERNARDO	Null	77	L06N
4	121693	530.62	9	Rehab	5	RANCHO BERNARDO	1963-01-01	79	L06N
4	121695	567.42	8	New MH (Remove MH, Extend Sewer Main, Add new MH)	5	RANCHO BERNARDO	1963-01-01	81	L06N
4	121696	537.56	8	Rehab	5	RANCHO BERNARDO	1963-01-01	82	L06N
4	121792	554.77	8	Rehab	5	RANCHO BERNARDO	1963-01-01	182	L06N
4	121793	548.57	8	Rehab	5	RANCHO BERNARDO	1963-01-01	183	L06N
4	121794	547.23	8	Rehab	5	RANCHO BERNARDO	1963-01-01	184	L06N
4	121799	546.2	8	Rehab	5	RANCHO BERNARDO	1963-01-01	189	L06N
4	121829	545.7	11	Rehab	5	RANCHO BERNARDO	1963-01-01	219	L06N
4	121884	561.39	8	Rehab	5	RANCHO BERNARDO	1963-01-01	277	L06N
4	121891	536.54	10	Rehab	5	RANCHO BERNARDO	1963-01-01	284	L06N
4	121905	538.4	13	Rehab	5	RANCHO BERNARDO	1963-01-01	298	L06N
4	121906	542.59	12	Rehab	5	RANCHO BERNARDO	1963-01-01	299	L06N
4	121907	535.18	7	Rehab	5	RANCHO BERNARDO	1963-01-01	300	L06N
4	Null	Null	Null	New MH	5	RANCHO BERNARDO	Null	Null	Null
5	122201	498.5	7	Rehab	5	RANCHO BERNARDO	1962-01-01	307	L07N
5	122202	504.59	7	Rehab	5	RANCHO BERNARDO	1962-01-01	308	L07N
5	122203	490	10	Rehab	5	RANCHO BERNARDO	1962-01-01	309	L07N
5	122204	503.91	6	Rehab	5	RANCHO BERNARDO	1962-01-01	310	L07N
5	122212	459.36	12	Rehab	5	RANCHO BERNARDO	1962-01-01	318	L07N
5	122213	467.82	7	Rehab	5	RANCHO BERNARDO	1962-01-01	319	L07N
5	122214	470	7	Rehab	5	RANCHO BERNARDO	1962-01-01	320	L07N
5	122216	469.16	7	Rehab	5	RANCHO BERNARDO	22647	322	L07N
5	Null	Null	Null	New MH	5	RANCHO BERNARDO	Null	Null	Null
6	121698	528.62	8	Rehab	5	RANCHO BERNARDO	1963-01-01	84	L06N

Rancho Bernardo Improv 1 (B23042) Sewer Manhole Spreadsheet

Map #	FSN	MH IE	MH Depth	Manhole Method	Council District	Community	Installed	MH ID	Field Book
6	121701	512.29	12	Rehab	5	RANCHO BERNARDO	23012	87	L06N
6	121702	513.24	8	Rehab	5	RANCHO BERNARDO	Null	88	L06N
6	121705	516.54	8	New MH (Remove MH, Extend Sewer Main, Add new MH)	5	RANCHO BERNARDO	Null	91	L06N
6	121706	515	11	Rehab	5	RANCHO BERNARDO	1962-01-01	92	L06N
6	121709	533.04	7	Rehab	5	RANCHO BERNARDO	1962-01-01	95	L06N
6	121711	510	8	Rehab	5	RANCHO BERNARDO	1962-01-01	97	L06N
6	121713	510	9	Rehab	5	RANCHO BERNARDO	1962-01-01	99	L06N
6	121714	502.29	8	Rehab	5	RANCHO BERNARDO	1962-01-01	100	L06N
6	121716	487.58	14	Rehab	5	RANCHO BERNARDO	1962-01-01	102	L06N
6	121717	488.96	6	Rehab	5	RANCHO BERNARDO	1962-01-01	103	L06N
6	121718	501	7	Rehab	5	RANCHO BERNARDO	1962-01-01	104	L06N
6	121719	498	7	Rehab	5	RANCHO BERNARDO	1962-01-01	105	L06N
6	121720	494.3	7	Rehab	5	RANCHO BERNARDO	1962-01-01	106	L06N
6	121730	500	0	Rehab	5	RANCHO BERNARDO	1962-01-01	116	L06N
6	121732	497.85	4	Rehab	5	RANCHO BERNARDO	1962-01-01	119	L06N
6	121733	497	4	Rehab	5	RANCHO BERNARDO	1962-01-01	120	L06N
6	121734	496.81	6	Rehab	5	RANCHO BERNARDO	1962-01-01	121	L06N
6	121745	501.07	12	Rehab	5	RANCHO BERNARDO	1969-01-01	134	L06N
6	121748	502.22	10	Rehab	5	RANCHO BERNARDO	1969-01-01	137	L06N
7	121737	505.04	7	Rehab	5	RANCHO BERNARDO	1962-01-01	124	L06N
7	122116	510.38	10	Rehab	5	RANCHO BERNARDO	1962-01-01	221	L07N
7	122121	527.4	7	Rehab	5	RANCHO BERNARDO	1962-01-01	226	L07N
7	122122	0	0	New MH (Remove MH, Extend Sewer Main, Add new MH)	5	RANCHO BERNARDO	1962-01-01	227	L07N
7	122126	513.67	7	Rehab	5	RANCHO BERNARDO	1962-01-01	232	L07N
7	122130	529.19	6	Rehab	5	RANCHO BERNARDO	1962-01-01	236	L07N
7	122131	530.56	6	Rehab	5	RANCHO BERNARDO	1962-01-01	237	L07N
7	122133	531.94	8	Rehab	5	RANCHO BERNARDO	1962-01-01	239	L07N
7	122136	532.92	9	Rehab	5	RANCHO BERNARDO	1962-01-01	242	L07N
Install Cleanout / Remove Plug									
1	115683	523.83	6	Newcleanout	5	RANCHO BERNARDO	Null	180	K07N
1	122172	509.49	0	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	278	L07N
1	122177	528.65	6	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	283	L07N
1	122178	525.26	6	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	284	L07N
1	122179	509.99	0	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	285	L07N
1	122194	489.36	5	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	300	L07N
1	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
1	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
1	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
1	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
1	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
2	115431	541.92	6	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	134	K06N
2	115677	542.78	7	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	174	K07N
2	115681	539.94	6	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	178	K07N
2	122176	528.99	7	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	282	L07N
2	122180	510.67	5	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	286	L07N
2	122193	489.81	5	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	299	L07N
2	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
2	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
2	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
2	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
2	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
2	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
3	121660	555.53	6	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	45	L06N
3	5588822	0	0	Newcleanout	5	RANCHO BERNARDO	Null	314	L06N
3	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
4	121684	537.76	8	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	70	L06N
4	121697	542.52	8	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	83	L06N
4	121887	541.88	7	Newcleanout	5	RANCHO BERNARDO	Null	280	L06N
4	121904	544.19	7	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	297	L06N
4	121772	652.17	8	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	162	L06N
4	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
4	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
4	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
4	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
5	122205	514.31	0	Remove Plug (Remove Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	311	L07N

Rancho Bernardo Improv 1 (B23042) Sewer Manhole Spreadsheet

Map #	FSN	MH IE	MH Depth	Manhole Method	Council District	Community	Installed	MH ID	Field Book
5	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
6	121707	520	0	Remove Plug (Reomve Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	93	L06N
6	121708	517	0	Newcleanout	5	RANCHO BERNARDO	Null	94	L06N
6	121710	544.18	0	Remove Plug (Reomve Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	96	L06N
6	121712	526	6	Remove Plug (Reomve Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	98	L06N
6	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
6	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
6	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
6	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
7	122123	529.18	6	Newcleanout	5	RANCHO BERNARDO	Null	228	L07N
7	122134	538.29	6	Remove Plug (Reomve Plug, Extend Sewer Main, Add Clean Out)	5	RANCHO BERNARDO	Null	240	L07N
7	122135	539.13	7	Newcleanout	5	RANCHO BERNARDO	Null	241	L07N
7	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null
7	Null	Null	Null	Newcleanout	5	RANCHO BERNARDO	Null	Null	Null

Rehab Manhole	102
New Manhole	5
Remove Plug, Extend	21
Install New Cleanout	29

VIII. SEWER MAIN SPREADSHEET

Rancho Bernardo Improv 1 (B23042) Sewer Main Spreadsheet

Map #	Street Name	FSN	Size (inches)	Length (feet)	Material	Action	DS MH ID	DS MH IE	DS MH DEPTH	US MH ID	US_MH_IE	US MH DEPTH	Lateral	Install Date	Field Book	Field Book Grid	Council District	Community
1	SANTIAGO WEST RD	55702	8	245	VC	Rehab	266	459.54	10	267	467	8	5	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	PINATA DR	55703	8	206	VC	Rehab	267	467	8	268	477.34	6	3	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	SANTIAGO WEST RD	55704	8	248	VC	Rehab	267	467	8	269	472.71	7	7	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	SANTIAGO WEST RD	55705	8	181	VC	Rehab	269	472.71	7	270	474.34	11	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	SANTIAGO WEST RD	55706	8	133	VC	Rehab	270	474.34	11	271	484.84	7	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	BELLOTA DR	55707	8	304	VC	Rehab	272	491.78	7	277	506.96	7	8	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	BELLOTA DR	55708	8	148	VC	Rehab	271	484.84	7	272	491.78	7	1	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	DOMINICAN DR	55709	8	164	VC	Rehab	271	484.84	7	273	492.03	6	3	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	DOMINICAN DR	55710	8	143	VC	Rehab	273	492.03	6	274	499.11	6	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	DOMINICAN DR	55711	8	149	VC	Rehab	274	499.11	6	275	506.63	6	3	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	DOMINICAN DR	55712	8	350	VC	Rehab	275	506.63	6	276	514.33	6	10	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	ACEBO DR	55713	8	211	VC	Rehab	277	506.96	7	279	508.65	7	2	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	ACEBO PL	55714	8	140	VC	Rehab	279	508.65	7	Null	509.49	7	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	BELLOTA DR	55715	8	553	VC	Rehab	277	506.96	7	281	524.61	7	8	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	ACEBO DR	55716	8	114	VC	Rehab	279	508.65	7	280	509.33	7	3	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	BELLOTA DR	55717	8	150	VC	Rehab	281	524.61	7	Null	528.65	6	5	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	BELLOTA PL	55718	8	130	VC	Rehab	281	524.61	7	284	536.54	10	5	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	ACEBO DR	55719	8	110	VC	Rehab	280	509.33	7	Null	509.99	6	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	PINATA DR	55732	8	144	VC	Rehab	301	487.06	6	300	535.18	7	5	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	PINATA DR	55733	8	194	VC	Rehab	268	477.34	6	301	487.06	6	5	1962-01-01	L07N	4	5	RANCHO BERNARDO
1	DOMINICAN DR	49017	8	125	VC	Rehab	181	521.33	6	Null	523.83	6	5	1962-01-01	K07N	6	5	RANCHO BERNARDO
1	DOMINICAN DR	49018	8	350	VC	Rehab	276	514.33	6	181	521.33	6	11	1962-01-01	K07N	6	5	RANCHO BERNARDO
1	BELLOTA DR	101	8	30	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
1	BELLOTA PL	102	8	10	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
1	ACEBO PL	103	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
1	ACEBO DR	104	8	12	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
1	PINATA DR	105	8	20	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
2	ACEBO DR	55720	8	199	VC	Rehab	287	508.48	7	Null	510.67	6	7	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	OBISPO RD	55721	8	260	VC	Rehab	287	508.48	7	288	521.48	6	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	OBISPO RD	55722	8	260	VC	Rehab	288	521.48	6	289	534.48	6	8	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PASTORAL RD	55723	8	157	VC	Rehab	291	509.01	9	290	513.42	9	5	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PASTORAL RD	55724	8	325	VC	Rehab	292	495	11	291	509.01	9	7	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	ACEBO DR	55726	8	125	VC	Rehab	292	495	11	293	501.25	9	1	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	ACEBO DR	55727	8	284	VC	Rehab	292	495	11	287	508.48	7	6	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PASTORAL RD	55728	8	280	VC	Rehab	297	482	10	292	495	11	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PASTORAL RD	55729	8	123	VC	Rehab	304	476.09	10	297	482	10	2	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PINATA DR	55730	8	150	VC	Rehab	297	482	10	298	488.15	7	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	BERNARDO OAKS DR	55738	8	134	VC	Rehab	305	469.5	9	304	476.09	10	1	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PINATA DR	55731	8	98	VC	Rehab	298	488.15	7	299	542.59	12	3	1962-01-01	L07N	4	5	RANCHO BERNARDO
2	PASTORAL RD	48755	8	150	VC	Rehab	133	528.42	12	134	501.07	12	6	1962-01-01	K06N	3	5	RANCHO BERNARDO
2	ACENA DR	49003	8	215	VC	Rehab	170	508.02	7	162	511.46	8	2	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO RD	49005	8	276	VC	Rehab	170	508.02	7	169	512.15	12	5	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO RD	49006	8	195	VC	Rehab	169	512.15	12	168	512.93	18	5	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO RD	49013	8	264	VC	Rehab	173	534.45	7	177	539.74	7	6	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO RD	49014	8	100	VC	Rehab	168	512.93	18	173	534.45	7	Null	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	BELLOTA DR	49015	8	265	VC	Rehab	172	513.92	10	179	527.42	7	6	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	BELLOTA DR	49016	8	131	VC	Rehab	179	527.42	7	Null	528.99	7	4	1962-01-01	K07N	4	5	RANCHO BERNARDO
2	PASTORAL RD	55149	8	154	VC	Rehab	1	522.73	10	133	528.42	12	4	1962-01-01	L06N	3	5	RANCHO BERNARDO
2	PASTORAL RD	55150	8	252	VC	Rehab	290	513.42	9	1	522.73	10	7	1962-01-01	L06N	1	5	RANCHO BERNARDO
2	CASERO RD	55171	8	275	VC	Rehab	115	475.95	9	24	480.01	13	3	1967-01-01	L06N	1	5	RANCHO BERNARDO
2	DIEGO DR	49007	8	248	VC	Rehab	168	512.93	18	172	513.92	10	5	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO LN	49009	8	180	VC	Rehab	175	541.34	8	Null	542.78	7	8	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO LN	49010	8	108	VC	Rehab	176	540.48	7	175	541.34	8	3	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO LN	49011	8	93	VC	Rehab	177	539.74	7	176	540.48	7	Null	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	OBISPO RD	49012	8	130	VC	Rehab	289	534.48	6	Null	539.94	6	4	1962-01-01	K07N	6	5	RANCHO BERNARDO
2	BELLOTA DR	106	8	16	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
2	OBISPO LN	107	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
2	OBISPO RD	108	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
2	PASTORAL RD	109	8	12	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
2	ACEBO DR	110	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
2	PINATA DR	111	8	30	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
3	SAN TOMAS CT	55165	8	185	VC	Rehab	21	514.39	10	Null	521.79	7	6	1967-01-01	L06N	1	5	RANCHO BERNARDO
3	RIOS RD	55181	8	275	VC	Rehab	33	528.34	7	36	542.11	7	7	1963-01-01	L06N	1	5	RANCHO BERNARDO
3	CALLADO RD	55187	8	270	VC	PointRepair	42	545.91	9	44	549.15	9	7	1963-01-01	L06N	1	5	RANCHO BERNARDO
3	CALLADO RD	55188	8	114	VC	Rehab	44	549.15	9	Null	555.53	7	4	1963-01-01	L06N	1	5	RANCHO BERNARDO
3	RAMADA DR	55209	8	134	VC	PointRepair	64	503.3	7	63	505.98	7	3	1963-01-01	L06N	1	5	RANCHO BERNARDO
3	BERNARDO OAKS DR	55257	8	115	VC	PointRepair	109	486	10	110	492.19	8	1	1963-01-01	L06N	1	5	RANCHO BERNARDO
3	BERNARDO OAKS DR	55258	8	219	VC	Rehab	110	492.19	8	64	503.3	7	4	1963-01-01	L06N	1	5	RANCHO BERNARDO
3	CALLADO RD	112	8	36	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
4	SENDA PL	55218	8	133	VC	Rehab	71	536.96	8	Null	Null	Null	7	Null	L06N	2	5	RANCHO BERNARDO
4	HORADO RD	55219	8	219	VC	Rehab	77	534.33	7	71	536.96	8	4	Null	L06N	2	5	RANCHO BERNARDO
4	PIPO RD	55229	8	193	VC	PointRepair	79	530.62	9	82	537.56	8	3	1963-01-01	L06N	2	5	RANCHO BERNARDO
4	ROCA DR	55312	8	200	VC	Rehab	182	554.77	8	162	511.46	8	6	1963-01-01	L06N	2	5	RANCHO BERNARDO

Rancho Bernardo Improv 1 (B23042) Sewer Main Spreadsheet

Map #	Street Name	FSN	Size (inches)	Length (feet)	Material	Action	DS MH ID	DS MH IE	DS MH DEPTH	US MH ID	US_MH_IE	US MH DEPTH	Lateral	Install Date	Field Book	Field Book Grid	Council District	Community
4	ROCA DR	55330	8	223	VC	Rehab	184	547.23	8	183	548.57	8	5	1963-01-01	L06N	5	5	RANCHO BERNARDO
4	MANTILLA RD	55331	8	264	VC	Rehab	189	546.2	8	184	547.23	8	6	1963-01-01	L06N	5	5	RANCHO BERNARDO
4	LOMICA DR	55197	8	332	VC	Rehab	54	548.15	11	50	561.4	7	3	1963-01-01	L06N	1	5	RANCHO BERNARDO
4	LOMICA DR	55199	8	350	VC	Rehab	219	545.7	11	54	548.15	11	6	1963-01-01	L06N	1	5	RANCHO BERNARDO
4	NIEGO LN	55232	8	208	VC	Rehab	277	506.96	7	81	567.42	8	10	1963-01-01	L06N	2	5	RANCHO BERNARDO
4	PIPO RD	55233	8	191	VC	Rehab	82	537.56	8	Null	542.52	8	7	1963-01-01	L06N	2	5	RANCHO BERNARDO
4	ROCA DR	55327	8	155	VC	Rehab	183	548.57	8	182	554.77	8	5	1963-01-01	L06N	5	5	RANCHO BERNARDO
4	NIEGO LN	55328	8	315	VC	PointRepair	182	554.77	8	277	506.96	7	5	1963-01-01	L06N	5	5	RANCHO BERNARDO
4	MANTILLA RD	55416	8	134	VC	Rehab	284	536.54	10	280	509.33	7	5	1963-01-01	L06N	5	5	RANCHO BERNARDO
4	LOMICA DR	55433	8	170	VC	Rehab	298	488.15	7	297	482	10	4	1963-01-01	L06N	4	5	RANCHO BERNARDO
4	BERNARDO OAKS DR	55434	8	269	VC	PointRepair	300	535.18	7	298	488.15	7	5	1963-01-01	L06N	4	5	RANCHO BERNARDO
4	LOMICA DR	55435	8	323	VC	Rehab	298	488.15	7	299	542.59	12	5	1963-01-01	L06N	4	5	RANCHO BERNARDO
4	LOMICA DR	55436	8	239	VC	Rehab	299	542.59	12	219	545.7	11	4	1963-01-01	L06N	4	5	RANCHO BERNARDO
4	LOMICA DR	113	8	16	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
4	SENDA PL	114	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
4	PIPO RD	115	8	33	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
4	NIEGO LN	116	8	15	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
4	ROCA DR	117	8	37	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
5	MEANDRO CT	55740	8	220	VC	Rehab	307	498.5	7	308	504.59	7	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
5	MEANDRO DR	55746	8	132	VC	Rehab	319	467.82	7	320	470	7	1	1962-01-01	L07N	5	5	RANCHO BERNARDO
5	SANTIAGO EAST RD	55747	8	223	VC	Rehab	319	467.82	7	322	469.16	7	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
5	SANTIAGO EAST RD	55748	8	200	VC	Rehab	322	469.16	7	Null	470.36	7	4	1962-01-01	L07N	4	5	RANCHO BERNARDO
5	MEANDRO DR	55751	8	208	VC	Rehab	318	459.36	12	319	467.82	7	Null	1962-01-01	L07N	5	5	RANCHO BERNARDO
5	MEANDRO RD	55741	8	202	VC	Rehab	309	490	10	307	498.5	7	3	1962-01-01	L07N	4	5	RANCHO BERNARDO
5	MEANDRO RD	55742	8	155	VC	Rehab	310	503.91	6	Null	514.31	5	4	1962-01-01	L07N	5	5	RANCHO BERNARDO
5	MEANDRO RD	55744	8	215	VC	Rehab	309	490	10	310	503.91	6	1	1962-01-01	L07N	5	5	RANCHO BERNARDO
5	MEANDRO DR	55745	8	341	VC	Rehab	320	470	7	309	490	10	3	1962-01-01	L07N	5	5	RANCHO BERNARDO
5	MEANDRO RD	118	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
6	SAMBROSA PL	55238	8	275	VC	Rehab	88	513.24	8	91	516.54	8	11	Null	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55265	8	75	VC	Rehab	119	497.85	4	116	500	0	2	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55266	8	90	VC	PointRepair	120	497	4	119	497.85	4	Null	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55267	8	171	VC	Rehab	121	496.81	6	120	497	4	Null	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	ROCA DR	55235	8	480	VC	PointRepair	87	512.29	12	84	528.62	8	6	1963-01-01	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55242	8	110	VC	Rehab	99	510	9	Null	517	7	4	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55243	8	85	VC	Rehab	92	515	11	Null	520	7	1	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55244	8	235	VC	Rehab	116	500	0	92	515	11	2	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	DIAZ DR	55245	8	230	VC	Rehab	92	515	11	95	533.04	7	2	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	DIAZ DR	55246	8	169	VC	Rehab	95	533.04	7	Null	544.18	5	4	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	ROCA DR	55247	8	173	VC	Rehab	97	510	8	Null	526	1	4	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	ROCA DR	55248	8	197	VC	Rehab	104	501	7	97	510	8	2	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	ROCA DR	55249	8	126	VC	PointRepair	105	498	7	104	501	7	3	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	ROCA DR	55250	8	156	VC	Rehab	106	494.3	7	105	498	7	2	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	ORILLA DR	55251	8	311	VC	Rehab	103	488.96	6	106	494.3	7	4	1962-01-01	L06N	1	5	RANCHO BERNARDO
6	ORILLA DR	55252	8	344	VC	Rehab	102	487.58	14	103	488.96	6	6	1962-01-01	L06N	1	5	RANCHO BERNARDO
6	RIOS RD	55253	8	168	VC	Rehab	100	502.29	8	99	510	9	2	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	RIOS RD	55254	8	290	VC	Rehab	102	487.58	14	100	502.29	8	4	1962-01-01	L06N	2	5	RANCHO BERNARDO
6	GABARDA RD	55285	8	231	VC	Rehab	134	501.07	12	137	502.22	10	9	1969-01-01	L06N	2	5	RANCHO BERNARDO
6	ROCA DR	119	8	36	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
6	RIOS RD	120	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
6	DIAZ DR	121	8	15	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
6	SAMBROSA PL	122	8	15	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
7	ANTONIO DR	55662	8	232	VC	Rehab	221	510.38	10	227	0	0	4	1962-01-01	L07N	5	5	RANCHO BERNARDO
7	SONORA RD	55668	8	178	VC	Rehab	226	527.4	7	Null	529.18	6	5	1962-01-01	L07N	5	5	RANCHO BERNARDO
7	JARDIN RD	55670	8	350	VC	Rehab	232	513.67	7	242	532.92	9	7	1962-01-01	L07N	6	5	RANCHO BERNARDO
7	PALMERO DR	55676	8	228	VC	Rehab	236	529.19	6	237	530.56	6	7	1962-01-01	L07N	6	5	RANCHO BERNARDO
7	PALMERO DR	55677	8	230	VC	Rehab	237	530.56	6	239	531.94	8	7	1962-01-01	L07N	6	5	RANCHO BERNARDO
7	PALMERO DR	55678	8	138	VC	Rehab	239	531.94	8	Null	538.29	6	5	1962-01-01	L07N	6	5	RANCHO BERNARDO
7	JARDIN RD	55679	8	155	VC	PointRepair	242	532.92	9	Null	539.13	7	3	1962-01-01	L07N	6	5	RANCHO BERNARDO
7	ANTONIO DR	55273	8	267	VC	Rehab	124	505.04	7	221	510.38	10	3	1962-01-01	L07N	5	5	RANCHO BERNARDO
7	ANTONIO DR	123	8	37	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO
7	PALMERO DR	124	8	5	PVC	New	Null	Null	Null	Null	Null	Null	Null	Null	Null	Null	5	RANCHO BERNARDO

New Main	410 LF
Rehab	22743 LF
PointRepair	11

IX. SURVEY MONUMENTS



LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING M-IOA
△	LOCATION OF FOUND EVIDENCE OF MONUMENT

<p>MAPS FOR THE CONSTRUCTION OF PIPELINE REHABILITATION RANCHO BERNARDO IMPROV 1 MONUMENT PERPETUATION (1 OF 4)</p>		
<p>NO SCALE</p>	<p>WBS: B-23042</p>	<p>SEE MAP</p>



LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING M-IOA
△	LOCATION OF FOUND EVIDENCE OF MONUMENT

MAPS FOR THE CONSTRUCTION OF PIPELINE REHABILITATION RANCHO BERNARDO IMPROV 1 MONUMENT PERPETUATION (3 OF 4)		
<p>NO SCALE</p>	WBS: B-23042	SEE MAP



LEGEND	
*	LOCATION OF EXISTING SURVEY MONUMENT
△	LOCATION OF EXISTING M-IOA
△	LOCATION OF FOUND EVIDENCE OF MONUMENT

MAPS FOR THE CONSTRUCTION OF PIPELINE REHABILITATION RANCHO BERNARDO IMPROV 1 MONUMENT PERPETUATION (4 OF 4)		
<p>NO SCALE</p>	WBS: B-23042	SEE MAP

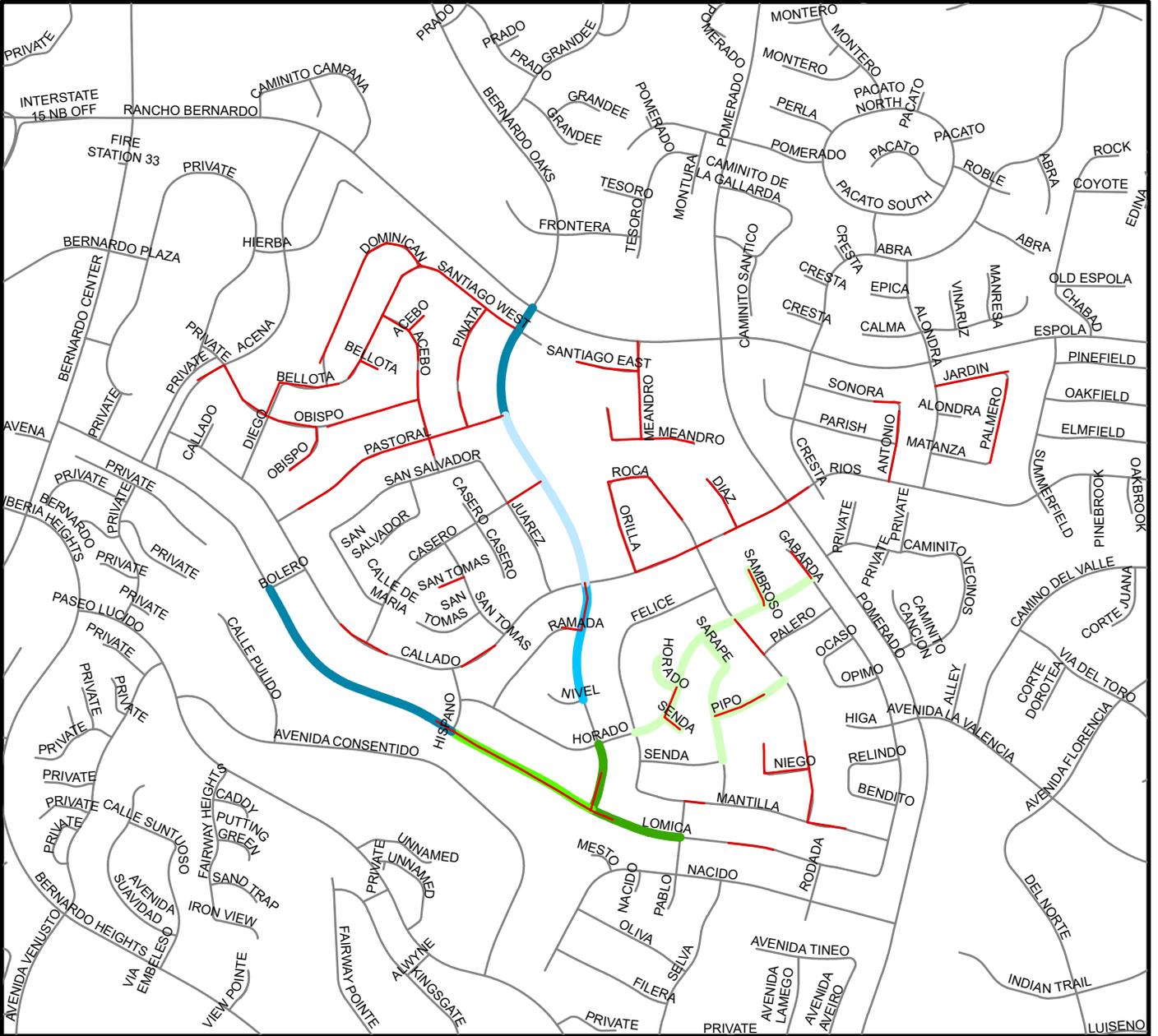
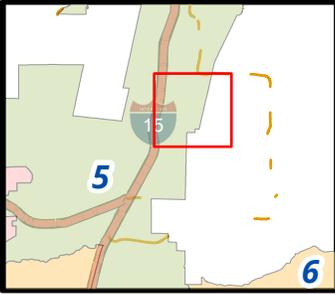
APPENDIX K
MORATORIUMS MAP

RANCHO BERNARDO IMPROV 1 - Moratoriums

SENIOR ENGINEER
 Jaime Ramos-Bañuelos
 619-533-5103

PROJECT MANAGER
 Pedro Melo Rodriguez
 619-346-0225

PROJECT ENGINEER
 Ahmad Edris Taha
 619-533-5224



Legend	Project Name	Project Manager	Contact #	Status	Construction Start Date	Construction End Date
	SLURRY SEAL GROUP 2123	Dylan Kachi	619-527-7466	Moratorium	6/10/2022	6/10/2025
	SLURRY SEAL GROUP 2123	Dylan Kachi	619-527-7466	Moratorium	6/13/2022	6/13/2025
	Asphalt Resurfacing Group 1702	Ottone Amore	619-527-8091	Moratorium	7/21/2020	7/21/2025
	SLURRY SEAL GROUP 2123	Dylan Kachi	619-527-7466	Moratorium	6/9/2022	6/9/2025
	SLURRY SEAL GROUP 2123	Dylan Kachi	619-527-7466	Moratorium	6/8/2022	6/8/2025
	SLURRY SEAL GROUP 2123	Dylan Kachi	619-527-7466	Moratorium	6/3/2022	6/3/2025

B23042 RANCHO BERNARDO IMPROV 1



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ATTACHMENT F
RESERVED

ATTACHMENT G
CONTRACT AGREEMENT

ATTACHMENT G
CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This Phase-Funded contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Burtech Pipeline Incorporated, herein called "Contractor" for construction of **Rancho Bernardo Improv 1; Bid No. K-24-2254-DBB-3**; in the total amount of **FIVE MILLION TWO HUNDRED NINETY THREE THOUSAND SIX HUNDRED FORTY EIGHT DOLLARS AND FIFTY CENTS (\$5,293,648.50)**, which is comprised of the Base Bid, \$2,470,369.30 for Phase I and \$2,823,279.20 for Phase II.

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 Instruction to Bidders and the Supplementary Special Provisions (SSP).
 - (d) Phased Funding Schedule Agreement.
 - (e) That certain documents entitled **Rancho Bernardo Improv 1**, on file in the office of the Purchasing & Contracting Department as Document No. **B-23042**, as well as all matters referenced therein.
2. The City wishes to construct this Project on a Phase-Funded basis. In accordance with Whitebook section 7-3.10, the City is only obligated to pay for Phase I; Contractor cannot begin, nor is the City financially liable for any additional Phases, unless and until Contractor is issued a Notice to Proceed for each additional Phase by the City.
3. 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 **Rancho Bernardo Improv 1**, Bid Number **K-24-2254-DBB-3**, San Diego, California.
4. 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. (See WHITEBOOK, Section 7-3.10, Phased Funding Compensation).

CONTRACT AGREEMENT (continued)

- 5. 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.
- 6. This contract is effective as of the date that the Mayor or designee signs the agreement and is approved by the City Attorney in accordance with San Diego Charter Section 40.

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 §22.3102 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By Berric Doringo

Mara W. Elliott, City Attorney
By [Signature]

Print Name: Berric Doringo
Deputy Director
Purchasing & Contracting Department

Print Name: Bonny Hsu
Deputy City Attorney

Date: April 26, 2024

Date: 5/2/24

CONTRACTOR

By [Signature]

Print Name: Dominic J. Burtech

Title: President & CEO

Date: 3/12/2024

City of San Diego License No.: B1996002066

State Contractor's License No.: 718202

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000006324

CERTIFICATIONS AND FORMS

The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certifications, forms and affidavits submitted as part of this bid are true and correct.

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.

**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

County of San Diego

The bidder, being first duly sworn, deposes and says that he or she is authorized by 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.

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

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 5-1.3, "Drug-Free Workplace", of the project specifications, and that;

This company 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.

CONTRACTOR CERTIFICATION

AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the Americans With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 5-1.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act". of the project specifications, and that:

This company has in place 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.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

I declare under penalty of perjury that I am authorized to make this certification on behalf of the company submitting this bid/proposal, that as Contractor, I am familiar with the requirements of City of San Diego Municipal Code § 22.3004 regarding Contractor Standards as outlined in the WHITEBOOK, Section 5-1.4, ("Contractor Standards and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

CONTRACTOR CERTIFICATION

EQUAL BENEFITS ORDINANCE CERTIFICATION

I declare under penalty of perjury that I am familiar with the requirements of and in compliance with the City of San Diego Municipal Code § 22.4300 regarding Equal Benefits Ordinance.

CONTRACTOR CERTIFICATION

EQUAL PAY ORDINANCE CERTIFICATION

Contractor shall comply with the Equal Pay Ordinance (EPO) codified in the San Diego Municipal Code (SDMC) at section 22.4801 through 22.4809, unless compliance is not required based on an exception listed in SDMC section 22.4804.

Contractor shall require all of its subcontractors to certify compliance with the EPO in their written subcontracts.

Contractor must post a notice informing its employees of their rights under the EPO in the workplace or job site.

By signing this Contract with the City of San Diego, Contractor acknowledges the EPO requirements and pledges ongoing compliance with the requirements of SDMC Division 48, section 22.4801 et seq., throughout the duration of this Contract.

CONTRACTOR CERTIFICATION

PRODUCT ENDORSEMENT

I declare under penalty of perjury that I acknowledge and agree to comply with the provisions of City of San Diego Administrative Regulation 95.65, concerning product endorsement. Any advertisement identifying or referring to the City as the user of a product or service requires the prior written approval of the City.

AFFIDAVIT OF DISPOSAL

(To be submitted upon completion of Construction pursuant to the contracts Certificate of Completion)

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

RANCHO BERNARDO IMPROV 1

(Project Title)

as particularly described in said contract and identified as Bid No. **K-24-2254-DBB-3**; SAP No. (WBS) **B-23042**; 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

COMPANY LETTERHEAD

CERTIFICATE OF COMPLIANCE

Materials and Workmanship Compliance

For Contract or Task _____

I certify that the material listed below complies with the materials and workmanship requirements of the Caltrans Contract Plans, Special Provisions, Standard Specifications, and Standard Plans for the contract listed above.

I also certify that I am an official representative for _____, the manufacturer of the material listed above. Furthermore, I certify that where California test methods, physical or chemical test requirements are part of the specifications, that the manufacturer has performed the necessary quality control to substantiate this certification.

Material Description:

Manufacturer: _____
Model: _____
Serial Number (if applicable) _____
Quantity to be supplied: _____
Remarks: _____

Signed by: _____

Printed Name: _____

Title: _____

Company: _____

Date: _____

City of San Diego

Engineering & Capital Projects Department, CMFE Division

NOTICE OF MATERIALS TO BE USED

To: _____
Resident Engineer

Date: _____, 20____

You are hereby notified that the materials required for use under Contract No. _____
for construction of _____

in the City of San Diego, will be obtained from sources herein designated.

CONTRACT ITEM NO. (Bid Item)	KIND OF MATERIAL (Category)	NAME AND ADDRESS WHERE MATERIAL CAN BE INSPECTED (At Source)

It is requested that you arrange for a sampling, testing, and inspection of the materials prior to delivery, in accordance with Section 4 - CONTROL OF MATERIALS of the WHITEBOOK, where it is practicable, and in accordance with your policy. It is understood that source inspection does not relieve the Contractor of full responsibility for incorporating in the work, materials that comply in all respects with the contract plans and specifications, nor does it preclude subsequent rejection of materials found to be undesirable or unsuitable.

Distribution:

Supplier

Signature of Supplier

Address

LIST OF SUBCONTRACTORS

***** PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY *** TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY*** SEE INSTRUCTIONS TO BIDDERS, FOR FURTHER INFORMATION**

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the California Public Contract Code (PCC), the Bidder is to list below the name, address and license number of each Subcontractor who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement, in an amount of or in excess of 0.5% of the Contractor's total Bid. Failure to comply with this requirement may result in the Bid being rejected as non-responsive. The Contractor is to list only one Subcontractor for each portion of the Work. The Bidder's attention is directed to the Special Provisions – General; Paragraph 2-3 Subcontracts, which stipulates the percentage of the Work to be performed with the Bidder's own forces. The Bidder is to also list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which the Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED®	CHECK IF JOINT VENTURE PARTNERSHIP
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

- 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 | | |
| 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.

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

***** PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY *** TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY *** SEE INSTRUCTIONS TO BIDDERS FOR FURTHER INFORMATION**

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②
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 | | |
| 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.

ELECTRONICALLY SUBMITTED FORMS

FAILURE TO FULLY COMPLETE AND SUBMIT ANY OF THE FOLLOWING FORMS WILL DEEM YOUR BID NON-RESPONSIVE.

PLANETBIDS WILL NOT ALLOW FOR BID SUBMISSIONS WITHOUT THE ATTACHMENT OF THESE FORMS

The following forms are to be completed by the bidder and submitted (uploaded) electronically with the bid in PlanetBids.

- A. BID BOND – See Instructions to Bidders, Bidders Guarantee of Good Faith (Bid Security) for further instructions**
- B. CONTRACTOR’S CERTIFICATION OF PENDING ACTIONS**
- C. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- D. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTOR**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

BID BOND

**See Instructions to Bidders, Bidder Guarantee of Good Faith
(Bid Security)**

KNOW ALL MEN BY THESE PRESENTS,

That BURTECH PIPELINE, INCORPORATED as Principal, and NATIONWIDE 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

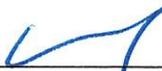
RANCHO BERNARDO IMPROV 1; BID NO. K-24-2254-DBB-3

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 18TH day of JANUARY, 20 24

BURTECH PIPELINE, INCORPORATED (SEAL)
(Principal)

NATIONWIDE MUTUAL INSURANCE COMPANY (SEAL)
(Surety)

By:  _____
(Signature)

By:  _____
(Signature)

DOMINIC J. BURTECH, JR., PRESIDENT

MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

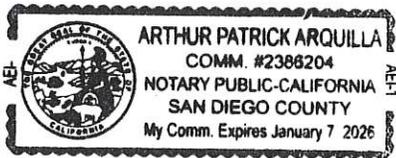
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of San Diego)
On 1/25/2024 before me, Arthur Patrick Arquilla, Notary Public
Date Here Insert Name and Title of the Officer
Personally appeared Dominic Burtach
Name(s) of Signer(s)

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.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document _____ Document Date _____

Number of Pages _____ Signer(s) Other Than Named Above _____

Capacity(ies) Claimed by Signer(s)

Signer's Name _____
[] Corporate Officer—Title(s) _____
[] Partner [] Limited [] General
[] Individual [] Attorney in Fact
[] Trustee [] Guardian or Conservator
[] Other _____

Signer's Name _____
[] Corporate Officer—Title(s) _____
[] Partner [] Limited [] General
[] Individual [] Attorney in Fact
[] Trustee [] Guardian or Conservator
[] Other _____

Signer Is Representing _____

Signer Is Representing _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of SAN DIEGO }

On 1/18/2024 before me, TRACY RODRIGUEZ, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

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.



Signature Tracy Rodriguez
Signature of Notary Public

Place Notary Seal and/or Stamp Above

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

Signer's Name: _____

Corporate Officer – Title(s): _____

Corporate Officer – Title(s): _____

Partner – Limited General

Partner – Limited General

Individual Attorney in Fact

Individual Attorney in Fact

Trustee Guardian of Conservator

Trustee Guardian of Conservator

Other: _____

Other: _____

Signer is Representing: _____

Signer is Representing: _____

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:

HELEN MALONEY; JOHN G MALONEY; MARK D IATAROLA; SANDRA FIGUEROA; TRACY LYNN RODRIGUEZ;

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.

Antonio C. Albanese, **Vice President** of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF NEW YORK: ss

On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Stephanie Rubino McArthur
Notary Public, State of New York
No. 02MC6270117
Qualified in New York County
Commission Expires October 19, 2024

Notary Public
My Commission Expires
October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 18TH day of JANUARY, 2024.

Assistant Secretary

CONTRACTOR'S 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: Burtech Pipeline, Incorporated

Certified By Dominic J. Burtech Title President & CEO

Name

 Signature

Date 01/31/2024

USE ADDITIONAL FORMS AS NECESSARY

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
Burtech Pipeline, Incorporated			
Street Address	City	State	Zip
1325 Pipeline Drive	Vista	CA	92081
Contact Person, Title		Phone	Fax
Buddy Aquino - Chief Estimator		(760) 634-2822	(760) 634-2415

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103).

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction, the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City,
- or directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
Dominic J. Burtech	President & CEO
City and State of Residence	Employer (if different than Bidder/Proposer)
Encinitas, CA	
Interest in the transaction	
51%	

Name	Title/Position
Julie J. Burtech	Exec. VP & Secretary
City and State of Residence	Employer (if different than Bidder/Proposer)
Encinitas, CA	
Interest in the transaction	
49%	

* Use Additional Pages if Necessary *

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for Contract termination.

Dominic J. Burtech - President & CEO



01/31/2024

Print Name, Title

Signature

Date

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.

DEBARMENT AND SUSPENSION CERTIFICATION
PRIME CONTRACTOR
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

EFFECT OF DEBARMENT OR SUSPENSION
<p>To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible- bidders and contractors. In accordance with San Diego Municipal Code §22.0814 (a): <i>Bidders</i> and <i>contractors</i> who have been <i>debarred</i> or <i>suspended</i> are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving <i>contract</i> awards, executing <i>contracts</i>, participating as a <i>subcontractor</i>, employee, agent or representative of another <i>person</i> contracting with the City.</p>

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 Names of the Principal Individual owner(s).

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

NAME	TITLE
Dominic J. Burtech	President & CEO
Julie J. Burtech	Exec. VP & 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.

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, officer, manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State or local agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State or local agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

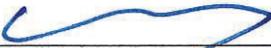
If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Contractor Name: Burtech Pipeline, Incorporated

Certified By Dominic J. Burtech Title President & CEO

Name

v  Date 01/31/2024

Signature

NOTE: Providing false information may result in criminal prosecution or administrative sanctions.

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

Names of the Principal individual owner(s)

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 Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer**:

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Piperin Corporation	
Craig Barry	President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
DB Pipeline, Inc.	
Dominic Burtech III	President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
Nu Line Technologies, LLC	
Frank Durazo	Partner
Salvador Aquino	Partner
Dominic and Julie Burtech	Partners

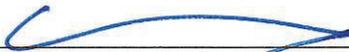
SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
National Coating and Lining Co.	
Jess Kindler	President
Mike Krach	Vice President

Contractor Name: Burtech Pipeline, Incorporated

Certified By Dominic J. Burtech Title President & CEO

Name

✓  _____ Date 1/31/2024

Signature

USE ADDITIONAL FORMS AS NECESSARY*

City of San Diego

CITY CONTACT: Abel Martinez, Contract Specialist, Email: MartinezAbel@sandiego.gov
Phone No. (619) 533-5270

ADDENDUM A



FOR

RANCHO BERNARDO IMPROV 1

BID NO.:	<u>K-24-2254-DBB-3</u>
SAP NO. (WBS/IO/CC):	<u>B-23042</u>
CLIENT DEPARTMENT:	<u>2000</u>
COUNCIL DISTRICT:	<u>5</u>
PROJECT TYPE:	<u>JA</u>

BID DUE DATE:

2:00 PM
JANUARY 31, 2023

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

ENGINEER OF WORK

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

Jaime L. Ramos
For City Engineer

01/17/2024
Date

Seal:



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. BIDDER'S QUESTIONS

- Q1. Bid Item 16 for Sewer Lateral Rehabilitation with Cleanout (4inch), is the City anticipating all existing laterals with depth of up to 7 VF only? If not, should City add a bid item for greater than 7 VF?
- A1. Payment for Sewer Lateral Rehabilitation should be in accordance to Section 503-6 of the Whitebook, no separate Bid items will be included regardless of Sewer lateral material or depth of cleanout.
- Q2. Will the City require Cleaning and CCTV Inspection of existing Laterals prior to lining? If yes, please add a separate Bid Item.
- A2. Yes, the payment for the Cleaning and Video Inspection of laterals to be rehabilitated (Lateral Launch Videos) is included in the Bid item for "Cleaning and Video Inspection of Existing Pipelines and Culverts," refer to Section 306-18.7 of the Whitebook.
- Q3. Appendix L Standard Drawings included many Pavement Restoration Details. Should City consider adding a Separate Bid Item for these Influence Area Asphalt Grind & Pave?
- A3. No, payment for Pavement Restoration, including influence area, shall be included in the associated Bid items pertinent to the Work, refer to Section 306-15 in Attachment E - Supplementary Special Provisions of the Solicitation Document.
- Q4. Regarding Sewer Lateral New Cleanout Installation, can the City provide General direction on where the "New Cleanouts" must be installed? Of course, the basic assumption is to R&R on same place, but for laterals without existing cleanouts, the installation cost will vary depending on where this new cleanout can be feasibly installed, it will be cheaper on dirt and gets more expensive if new cleanout will be on turf, sidewalk, driveway, bricks, pavers, stamped concrete, etc.
- A4. Sewer lateral cleanout installation should be in accordance with Standard Drawings, SDS-102 and SDS-103. Contractor to coordinate with Resident Engineer on location of cleanout prior to excavation.

- Q5. Could City add bid items for Sidewalk and Driveway Replacements?
- A5. No, the payment for “Service Lateral Rehabilitation with Cleanout” include the removal and replacement of sidewalk panels and restoration of existing surface public/private improvements, refer to Section 503-6 of the Whitebook.
- Q6. Please include a Separate Bid item for Temporary Resurfacing.
- A6. Bid item for Temporary Resurfacing has been added. Refer to Section G, Item 1, page 5 of this Addendum.
- Q7. Is there pipe bursting in this bid? I cannot find the specifications.
- A7. No, pipe bursting is not anticipated, please bid as-is.

C. REQUIRED DOCUMENTS SCHEDULE

1. To the **Required Documents Schedule During Bidding and Awarding Table**, page 5, **ADD** the following:

14.	In-Use Off-Road Diesel Fueled Fleet Regulation (OFF-ROAD REGULATION) Compliance	Within 10 working days of receipt by bidder of contract forms and NOI	AWARDED BIDDER
-----	---	---	----------------

D. NOTICE INVITING BIDS

1. To Section 3, Estimated Construction cost, page 6, **DELETE** in its entirety and **SUBSTITUTE** with the following:
- 3. ESTIMATED CONSTRUCTION COST:** The City’s estimated construction cost for this project is **\$3,720,000**.

E. ATTACHMENTS

1. To **Attachment F, RESERVED**, page 172, **DELETE** in its entirety and **SUBSTITUTE** with pages 6 through 9 of this Addendum

F. CERTIFICATIONS AND FORMS

1. To Certifications and Forms, **ADD, IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE**, page 10 of this Addendum.

G. ADDITIONAL CHANGES

1. The following are additional changes to the Line Items in the PlanetBids Tab:

For clarity where applicable, **ADDITIONS**, if any, have been **Underlined** and **DELETIONS**, if any, have been **~~Stricken out.~~**

Section	Item Code	Description	UoM	Quantity	Payment Reference
<u>Main Bid</u>	<u>237310</u>	<u>Temporary Resurfacing</u>	<u>TON</u>	<u>45</u>	<u>306-15.9</u>

Rania Amen, Director
Engineering & Capital Projects Department

Dated: *January 17, 2024*
San Diego, California

RA/MJN/na

ATTACHMENT F
IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION)
COMPLIANCE

ATTACHMENT F

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

The California Air Resources Board (CARB) approved amendments to the Off-Road Regulations which can be found at 13 California Code of Regulations (CCR) sections 2449, 2449.1, and 2449.2. These amendments apply to any person, business, or government agency who owns or operates within California any vehicles with a diesel-fueled or alternative diesel fueled off-road compression-ignition engine with maximum power (max hp) of 25 horsepower (hp) or greater provided that the vehicle cannot be registered and driven safely on-road or was not designed to be driven on-road, even if it has been modified so that it can be driven safely on-road. See 13 CCR section 2449 (b) for the full list of vehicles covered by these Off-Road Regulations.

Beginning **January 1, 2024**, Contractor shall be subject to the requirements below. No Contractor or public works awarding body, as applicable, shall enter into a contract with a fleet for which it does not have a valid Certificate of Reported Compliance for the fleet and its listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet. Contractor shall comply with the following requirements:

- (1) For a project involving the use of vehicles subject to the Off-Road Regulation, Contractor must obtain copies of the valid Certificates of Reported Compliance, as described in 13 CCR section 2449(n), for the fleet selected for this Contract and their listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet and provide copies of such Certificates of Reported Compliance to the City within 10 days of issuance of the Notice of Intent to Award letter. Contractor shall enter into a contract with a fleet for which it does not have a valid Certificates of Reported Compliance for the fleet and its listed subcontractors. City shall not enter into a contract with Contractor until all current Certificates of Reported Compliance for the fleet to be used on this Project are provided by Contractor.
- (2) The Certificates of Reported Compliance received by Contractor for this Project must be retained by Contractor for three years after the Project's completion. Upon request by CARB, these records must be provided to CARB within five business days of the request. Additionally, upon request by City, these records must be produced to City within five business days of the request.
- (3) For emergency contracts that meet the definition of "emergency operations" as defined in 13 CCR section 2449(c)(18), they are exempt from the requirements in 13 CCR section 2449(i)(1)-(3) and sections (1) and (2) above, but must still retain records verifying vehicles subject to the regulation that are operating on the "emergency operations" project are actually being operated on the project for "emergency operations" only. These records, as described in more detail below in section (B) must be retained by Contractor for three years after completion of the Project and upon request from either CARB or the City, Contractor shall provide those records to the requesting party within five business days. All other emergency contracts that do not meet the definition of "emergency operations" must comply with the requirements above and 13 CCR section 2449(i)(1) – (3).

- A. "Emergency Operations" is defined as:
1. Any activity for a project conducted during emergency, life threatening situations, where a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or an essential public service; or in conjunction with any officially declared disaster or state of emergency, as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized health officer;
 2. Any activity for a project conducted by essential service utilities to provide electricity, natural gas, telephone, water, or sewer during periods of service outages and emergency; or
 3. Operations including repairing or preventing damage to roads, buildings, terrain, and infrastructure as a result of an earthquake, flood, storm, fire, other infrequent act of nature, or terrorism. Routine maintenance or construction to prevent public health risks does not constitute emergency operations under the Off-Road Regulations.
- B. The records retained by Contractor for "emergency operations" projects must include:
1. A description of the emergency;
 2. The address or a description of the specific location of the emergency;
 3. The dates on which the emergency operations were performed; and
 4. An attestation by the fleet that the vehicles are operated on the Project for "emergency operations" only.

Beginning **January 1, 2024**, Contractor is also subject to the requirements described in 13 CCR section 2449(j).

- (1) Between March 1 and June 1 of each year, Contractor must collect new valid Certificates of Reported Compliance for the current compliance year, as defined in 13 CCR section 2449(n), from all fleets that have an ongoing contract with Contractor as of March 1 of that year. Contractors shall not write contracts to evade this requirement.
- (2) Contractor shall only allow fleets with valid Certificates of Reported Compliance on the Contractor's job sites.
- (3) If Contractor discovers that any fleet intending to operate vehicles subject to this regulation for Contractor does not have a valid Certificate of Reported Compliance, as defined in 13 CCR section 2449(n), or if Contractor observes any noncompliant vehicles subject to the regulation on Contractor's job site, then Contractor must report the that to CARB at <https://calepacomplaints.secure.force.com/complaints/Complaint>, or email dieselcomplaints@arb.ca.gov, for each fleet without a valid Certificate of Reported Compliance or each noncompliant vehicle, as applicable, within five business days of such discovery. See 13 CCR 2449(n) for the

information required to be disclosed to CARB when reporting non-compliance.

(4) Upon request by CARB, Contractor must immediately disclose to CARB the name and contact information of each responsible party for all vehicles subject to this regulation operating at the job site or for Contractor.

(5) Contractor shall prominently display signage for any project where vehicles subject to this Off-Road Regulation will operate for 8 calendar days or more. The signage must be posted by the eighth calendar day from which the first vehicle operates. The signage will be in lettering larger than size 14-point type and displayed in a conspicuous place where notices to employees are customarily posted at the job site or where there is employee foot traffic. If one of the above locations is also viewable by the public, it should be posted at that location. An exemption to this posting requirement is permitted if the operational time of a project is 7 calendar days or less. The signage must include the following language, verbatim:

(A) Who does the In-Use Off-Road Regulation Apply to?

The In-Use Off-Road Diesel-Fueled Fleets Regulation (Off-Road Regulation) applies to all self-propelled off-road diesel vehicles 25 horsepower or greater and most two-engine vehicles (except on-road two-engine sweepers) owned or operated in California. This includes vehicles that are rented or leased (rental or leased fleets)."

(B) "In-Use Off-Road Regulation Requirements

Idling Limit: Vehicles cannot idle longer than five minutes. There are exceptions for vehicles that need to idle to perform work.

Labeling: Vehicles must be labeled with a CARB assigned equipment identification number (EIN). The EIN shall be white on a red background, unless the vehicle is part of a captive attainment area fleet, in which case the EIN shall be white on a green background.

The EIN shall be located in clear view on both sides of the outside of the vehicle."

CONTRACTOR CERTIFICATION

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

I hereby certify that Contractor is familiar with the requirements 13 CCR 2449, 2449.1, and 2449.2, as well as Attachment F, CARB, and that Contractor shall comply with these requirements.

I further certify that each of the Contractor's listed subcontractors is familiar with these requirements and shall also comply.

SUBCONTRACTOR LISTING (OTHER THAN FIRST TIER)

Pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder is to list below the name, address, license number, DIR registration number of any (known tiered subcontractor)** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract. **If none are known at this time, mark the table below with non-applicable (N/A).**

Prime Contractor Name: Burtech Pipeline, Incorporated

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	DIR REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK
Name: _____ Address: _____ N/A _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				

**** USE ADDITIONAL FORMS AS NECESSARY ****

Bid Results

Bidder Details

Vendor Name Burtech Pipeline Incorporated
Address 1325 Pipeline Drive
Vista, California 92081
United States
Respondee DOMINIC J. BURTECH
Respondee Title PRESIDENT & CEO
Phone 760-634-2822
Email buddy@burtechpipeline.com
Vendor Type CADIR
License # 718202
CADIR 1000006324

Bid Detail

Bid Format Electronic
Submitted 01/31/2024 1:20 PM (PST)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 361181

Respondee Comment

Please include lota@burtechpipeline.com for all future correspondences.

Buyer Comment

Attachments

File Title	File Name	File Type
Contractor's Certification of Pending Action - RB Impr1.pdf	Contractor's Certification of Pending Action - RB Impr1.pdf	Contractor's Certification of Pending Actions
Mandatory Disclosure of Business Interests Form - RB Impr1.pdf	Mandatory Disclosure of Business Interests Form - RB Impr1.pdf	Mandatory Disclosure of Business Interests Form
Prime Debarment and Suspension Certification - RB Impr1.pdf	Prime Debarment and Suspension Certification - RB Impr1.pdf	Prime - Debarment
Sub Debarment and Suspension Certification - RB Impr1.pdf	Sub Debarment and Suspension Certification - RB Impr1.pdf	Subcontractor - Debarment
Bid Bond - Rancho Bernardo Impr 1.pdf	Bid Bond - Rancho Bernardo Impr 1.pdf	Bid Bond

Subcontractors

Showing 4 Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
DB Pipeline, Inc. 102 Second Street Suite C Encinitas, California 92024	Constructor for Service Lateral Connections.	1046212	1000062288	\$345,000.00	CADIR, CAU, MALE, Local
National Coating & Lining 26713 Madison Ave Murrieta, California 92532	Constructor for Rehabilitation of Existing Manholes	886430	1000013795	\$158,916.00	
Nu-Line Technologies, LLC 1325 Pipeline Dr Vista, California 92081	Constructor for Sewer Main Rehabilitation, Cleaning and Video Inspections of Pipelines.	997520	1000003808	\$732,324.60	CADIR, MBE, WBE, FEM, Local
Piperin Corporation 510 Venture Street Escondido, California 92029	Constructor for Underground Open-Cut Installation of Manholes, Sewer Mains, Main Cleanouts, Point Repairs and all included export, asphalt paving, shoring and traffic control for their own work scopes.	964028	1000000485	\$920,925.00	CADIR, SLBE, Local

Line Items

Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
							\$5,293,648.50		
Main Bid									
1	524126		Bonds (Payment and Performance)	LS	1	\$50,000.00	\$50,000.00	Yes	
2	237110		Sewage Bypass and Pumping Plan (Diversion Plan)	LS	1	\$30,000.00	\$30,000.00	Yes	
3	237110		Mobilization	LS	1	\$250,000.00	\$250,000.00	Yes	
4			Field Orders (EOC Type II)	AL	1	\$358,600.00	\$358,600.00	Yes	
5	237310		Paint Striping	LF	1000	\$10.00	\$10,000.00	Yes	
6	237110		Sewer Main (8 Inch)	LF	410	\$550.00	\$225,500.00	Yes	
7	237110		Manhole (4 ft x 3 ft)	EA	5	\$20,000.00	\$100,000.00	Yes	
8	237110		Sewer Main Cleanout (8 Inch)	EA	29	\$8,600.00	\$249,400.00	Yes	
9	237110		Sewer Lateral and Cleanout (4 Inch, Street)	EA	24	\$11,000.00	\$264,000.00	Yes	
10	237110		Cleaning and Video Inspection of Existing Pipelines and Culverts	LF	22743	\$2.50	\$56,857.50	Yes	
11	237110		Video Inspection of Pipelines and Culverts for Acceptance	LF	22743	\$2.00	\$45,486.00	Yes	
12	238990		Video Recording of Existing Conditions	LS	1	\$9,000.00	\$9,000.00	Yes	
13	237110		Point Repair for Existing Sewer Main (8 Inch)	EA	11	\$9,500.00	\$104,500.00	Yes	
14	237110		Additional Point Repair for Existing Sewer Main (8 Inch)	LF	150	\$350.00	\$52,500.00	Yes	
15	237110		Rehabilitate Sewer Main (8 Inch)	LF	22743	\$35.00	\$796,005.00	Yes	
16	237110		Service Lateral Connection (4 Inch)	EA	460	\$950.00	\$437,000.00	Yes	
17	237110		Rehabilitate Existing Manhole	EA	102	\$1,900.00	\$193,800.00	Yes	
18	237110		Service Lateral Rehabilitation with Cleanout (4 Inch)	EA	460	\$4,200.00	\$1,932,000.00	Yes	
19	541330		Traffic Control and Working Drawings	LS	1	\$70,000.00	\$70,000.00	Yes	
20	541330		WPCP Development	LS	1	\$1,000.00	\$1,000.00	Yes	
21	237310		WPCP Implementation	LS	1	\$49,000.00	\$49,000.00	Yes	
22	237310		Temporary Resurfacing	TON	45	\$200.00	\$9,000.00	Yes	

Line Item Subtotals

Section Title	Line Total
Main Bid	\$5,293,648.50
Grand Total	\$5,293,648.50