

City of San Diego

CONTRACTOR'S NAME: BURTECH PIPELINE, INC.

ADDRESS: 102 SECOND STREET, ENCINITAS, CA 92024

TELEPHONE NO.: 760-634-2822

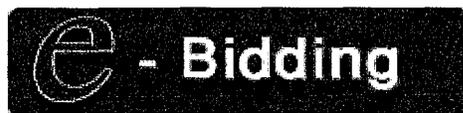
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B. Shakiba / A. Jaro / LJI

CONTRACT DOCUMENTS



FOR

ORIGINAL

Pipeline Rehabilitation AC-1

BID NO.: K-16-1380-DBB-3

SAP NO. (WBS/IO/CC): B-14008

CLIENT DEPARTMENT: 2011

COUNCIL DISTRICT: 4

PROJECT TYPE: JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

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

BID DUE DATE:

2:00 PM

NOVEMBER 3, 2015

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

1010 SECOND AVENUE, 14th FLOOR, MS 614C

SAN DIEGO, CA 92101

ENGINEER OF WORK

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


For City Engineer

10-5-15
Date

Seal



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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **FULL AND OPEN COMPETITION:** This contract may only be bid by Contractors on the City's approved Prequalified Contractor's List (see Notice Inviting Bids, Prequalification of Contractors), regardless of the status for SLBE-ELBE qualification(s) For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
2. **SUMMARY OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described in ATTACHMENT A.
3. **PRE-BID MEETING:**
 - 3.1. There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracts, Conference Room at 1010 Second Avenue, 14th Floor, San Diego, CA 92101 **at 10:00 A.M., on October 14, 2015.**
 - 3.2. All potential bidders are encouraged to attend.
4. **PREQUALIFICATION OF CONTRACTORS:**
 - 4.1. Contractors submitting Bid must be pre-qualified for the total amount proposed, inclusive of all alternate items prior to the date of submittal. Bids from contractors who have not been pre-qualified as applicable and Bids that exceed the maximum dollar amount at which contractors are pre-qualified may be deemed **non-responsive** and ineligible for award. Complete information and links to the on-line prequalification application are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification.shtml>
 - 4.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.
 - 4.3. As a result of the City's fiduciary requirement to safeguard vendor data, 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 PlanetBidsTM.

INSTRUCTIONS TO BIDDERS

1. **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 for the performance of work on **Pipeline Rehabilitation AC-1** (Project).
 - 1.1. **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.
 - 1.2. 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.
 - 1.3. 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.
 - 1.4. **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 which has until the "Bid Due Date and Time" to change, rescind or retrieve its proposal should it desire to do so.
 - 1.5. **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, EOCP compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.
 - 1.6. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
 - 1.7. **RECAPITULATION OF THE WORK.** Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.
 - 1.8. **BIDS MAY BE WITHDRAWN** by the Bidder prior to, but not after, the time fixed for opening of bids.

1.8.1. 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.

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

2. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT

2.1. 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.

2.2. 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.

2.3. 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.

2.4. 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 (90 days for federally funded contracts and contracts valued at \$500,000 or less) 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.

3. BIDS ARE PUBLIC RECORDS: Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.

4. SUBCONTRACTING PARTICIPATION PERCENTAGES:

4.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

| | |
|----------------------------------|--------------|
| 1. SLBE participation | 5.9% |
| 2. ELBE participation | 16.4% |
| 3. Total mandatory participation | 22.3% |

4.2. The Bidders are strongly encouraged to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract. See the City's document titled "SLBE Program, Instructions For Bidders Completing The Good Faith Effort Submittal" available at: <http://www.sandiego.gov/eoc/>

4.3. The Bid may be declared **non-responsive** if the Bidder fails the following mandatory conditions:

4.3.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR.

4.3.2. Bidder's submission of Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within **3 Working Days** of the Bid opening if the overall mandatory participation percentage is not met.

4.4. For additional Equal Opportunity Contracting Program requirements, see Attachment C.

4.5. To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracts at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

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 10 Working Days after receiving the Contract forms. See 2-1.1.2, "Joint Venture Contractors" in The WHITEBOOK for details.
7. **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.
 - 7.1. **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.
 - 7.1.1. 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.
 - 7.1.2. 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.
 - 7.2. **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.

- 7.3. 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.
- 7.3.1.** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 7.4. 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.
- 7.5. 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 design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 7.6. 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.
- 7.7. 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."
- 7.8. 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 Equal Opportunity Contracting Department at 619-236-6000.
- 7.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works

project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 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 DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

7.9.1. 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.

8. INSURANCE REQUIREMENTS:

8.1. 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.

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

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

| Title | Edition | Document Number |
|--|---------|-----------------|
| Standard Specifications for Public Works Construction ("The GREENBOOK") | 2012 | PITS070112-01 |
| City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* | 2012 | PITS070112-02 |
| City of San Diego Standard Drawings* | 2012 | PITS070112-03 |
| Caltrans Standard Specifications | 2010 | PITS070112-04 |
| Caltrans Standard Plans | 2010 | PITS070112-05 |
| California MUTCD | 2012 | PITS070112-06 |
| City Standard Drawings - Updates Approved For Use (when specified)* | Varies | Varies |
| Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84 | 1984 | 769023 |
| NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml | | |

10. **CITY'S RESPONSES AND ADDENDA:** The City, at its option, 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 addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.
11. **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.
12. **CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein.
- 12.1. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being non-responsive. Alternative proposals will not be considered unless called for.
- 12.2. The Bidder agrees to the construction of **Pipeline Rehabilitation AC-1**, for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.
- 12.3. Unit prices shall be entered for all unit-price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceeds two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
13. **SUBCONTRACTOR INFORMATION:**
- 13.1. **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 further state within the description, the **PORTION** 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 - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB,

HUBZone, and SDVOSB Subcontractors for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

13.2. 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)** 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.

13.3. LISTING OF SUBCONTRACTORS OR SUPPLIERS FOR ALTERNATES. For subcontractors or suppliers to be used on additive or deductive alternate items, in addition to the above requirements, bidder shall further note "ALTERNATE" and alternate item number within the description.

14. SUBMITTAL OF "OR EQUAL" ITEMS: See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.

15. AWARD PROCESS:

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

15.2. 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.

15.3. This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City and approval as to form the City Attorney's Office.

15.4. The low Bid will be determined by Base Bid alone.

15.5. Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base bid alone.

16. SUBCONTRACT LIMITATIONS: The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.

17. AVAILABILITY OF PLANS AND SPECIFICATIONS: Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.

18. SUBMISSION OF QUESTIONS:

18.1. The Director (or designee), of the Public Works Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:

Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: [Contract Specialist listed on the front cover hereof]

OR:

Email address of the Contract Specialist listed on the front cover hereof.

18.2. Questions received less than 14 days prior to the date for opening of Bids may not be considered.

18.3. Clarifications deemed by the City to be material shall be issued by Addenda and uploaded to the City's online bidding service.

18.4. 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 become informed of any Addenda that have been issued and to include all such information in its Bid.

19. 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.

20. 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.

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

21.1. 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.

- 21.2. 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.
- 21.3. 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.
- 21.4. 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. Within twenty-four (24) hours after the bid due date and time, the first five (5) apparent low bidders must provide the City with the original bid security.
- 21.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original within twenty-four (24) hours may cause the bid to be rejected and deemed **non-responsive**.

22. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 22.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 22.2. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules may be rejected as being non-responsive.
- 22.3. The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 22.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.
- 22.5. 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 section 22.3017 of the San Diego Municipal Code.
- 22.6. The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 22.7. Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 22.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of any proposed alternates, additive items or options as detailed herein.

23. BID RESULTS:

- 23.1.** 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.
- 23.2.** To obtain Bid results, visit the City's eBidding site, request results via e-mail to the "City Contact" person listed in the title page of these documents, or via courier, personal delivery or U.S. Postal service delivery of a request for results accompanied by provide a self-addressed, stamped envelope, referencing bid number and bid tabulations will be mailed. Bid results cannot be given over the telephone.

24. THE CONTRACT:

- 24.1.** 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.
- 24.2.** 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.
- 24.3.** 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.
- 24.4.** 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.
- 24.5.** 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 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.

25. **EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
26. **CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 26.1. The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
 - 26.2. The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
 - 26.3. The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
 - 26.4. The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
 - 26.5. 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.
 - 26.6. The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
 - 26.7. The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.
27. **PRE-AWARD ACTIVITIES:**
- 27.1. The contractor selected by the City to execute a contract for this Work shall submit the required documentation as specified in the herein and in the Notice of Award. Failure to provide the information as specified may result in the Bid being rejected as **non-responsive**.
 - 27.2. 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.
28. **PHASED FUNDING:**
- For additional Phased Funding Provisions, see Attachment B.

**CONTRACT AGREEMENT AND
PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND**

CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and BURTECH PIPELINE, INC., herein called "Contractor" for construction of **Pipeline Rehabilitation AC-1**, Bid No. **K-16-1380-DBB-3**, in the amount of THREE MILLION SEVEN HUNDRED SIXTY FOUR THOUSAND FOUR HUNDRED TWENTY EIGHT DOLLARS AND 25/100.00 (\$3,764,428.25), which is comprised of the Base Bid alone.

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) Phase Funding Schedule Agreement.
 - (e) That certain documents entitled **Pipeline Rehabilitation AC-1**, on file in the office of the Public Works Department as Document No. **B-14008**, as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Pipeline Rehabilitation AC-1**, Bid Number **K-16-1380-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

CONTRACT AGREEMENT (continued)

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code §22.3102 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 

Jan I. Goldsmith, City Attorney

By 

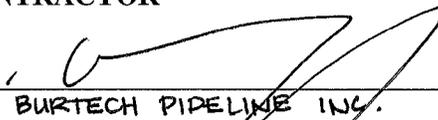
Print Name: _____
Stephen Samara, Principal Contract Specialist

Print Name: Pedro De Lara, Jr.
Deputy City Attorney

Date: 2-12-16

Date: 2/16/16

CONTRACTOR

By 
BURTECH PIPELINE INC.

Print Name: DOMINIC J. BURTECH

Title: PRESIDENT & CEO

Date: NOV. 23, 2015

City of San Diego License No.: B1996002066

State Contractor's License No.: 718202

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: _____

1000006324

EXECUTED IN TRIPLICATE
BOND NO. 2207218
PREMIUM: \$25,257.00

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, INC., INCORPORATED, a corporation, as principal, and
NORTH AMERICAN SPECIALTY 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
THREE MILLION SEVEN HUNDRED SIXTY FOUR THOUSAND FOUR HUNDRED TWENTY
EIGHT DOLLARS AND 25/100.00 (\$3,764,428.25) for the faithful performance of the annexed
contract, and in the sum of THREE MILLION SEVEN HUNDRED SIXTY FOUR THOUSAND
FOUR HUNDRED TWENTY EIGHT DOLLARS AND 25/100.00 (\$3,764,428.25) for the benefit of
laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract Pipeline Rehabilitation AC-1,
Bid Number K-16-1380-DBB-3, San Diego, California then the obligation herein with respect to a
faithful performance shall be void; otherwise it shall remain in full force.

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

"The obligation herein with respect to laborers and materialmen shall inure to the benefit of all
persons, firms and corporations entitled to file claims under the provisions of 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.

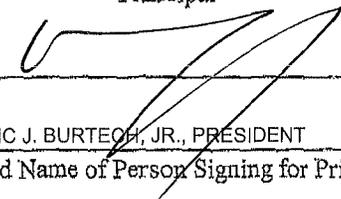
PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND
(continued)

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

Dated NOVEMBER 18, 2015

Approved as to Form

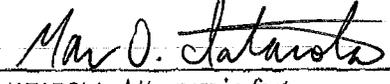
BURTECH PIPELINE, INCORPORATED
Principal

By 
DOMINIC J. BURTECH, JR., PRESIDENT
Printed Name of Person Signing for Principal

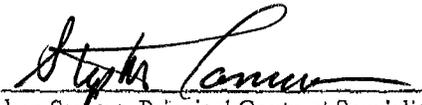
Jan I. Goldsmith, City Attorney

By 
Deputy City Attorney

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
Surety

By 
MARK D. IATAROLA, Attorney-in-fact

Approved:

By 
Stephen Samara, Principal Contract Specialist

6 HUTTON CENTRE DRIVE, SUITE 850
Local Address of Surety

SANTA ANA, CA 92707
Local Address (City, State) of Surety

714/550-7799
Local Telephone No. of Surety

PREMIUM IS FOR CONTRACT TERM
AND IS SUBJECT TO ADJUSTMENT
BASED ON FINAL CONTRACT PRICE

Premium \$25,257.00

Bond No. 2207218

California Acknowledgment Form

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.

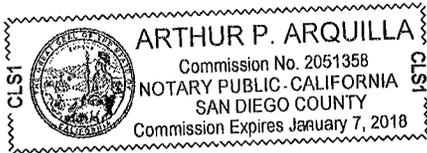
State of California }
County of San Diego } ss.

On 11/23/15 before me Arthur P. Arquilla, Notary Public
(here insert name and title of the officer)
personally appeared Dominic Butech

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.

Seal



WITNESS my hand and official seal

Arthur P. Arquilla
Signature of Notary

Optional Information

To help prevent fraud, it is recommended that you provide information about the attached document below.
This is not required under California State notary public law.

Document Title: _____ # of Pages: _____

Notes

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 11/18/2015 before me, MICHELLE M. BASUIL, 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 Michelle M. Basuil
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: MARK D. IATAROLA
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

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

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Manchester, New Hampshire, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Schaumburg, Illinois, each does hereby make, constitute and appoint:

JOHN G. MALONEY, HELEN MALONEY, MICHELLE M. BASUIL,
and MARK D. IATAROLA

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:
FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9th of May, 2012:

RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached.



By [Signature]
Steven P. Anderson, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company



By [Signature]
Michael A. Ito, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company

IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 17th day of September, 2015.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 17th day of September, 2015, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Michael A. Ito, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature]
M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 18th day of NOVEMBER, 2015.

[Signature]
Jeffrey Goldberg, Vice President & Assistant Secretary of
Washington International Insurance Company & North American Specialty Insurance Company

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** The project would include: trenchless rehabilitation of approximately 40,279 linear feet (LF), or 7.63 miles, of 8-inch, 10-inch and 6-inch sewer mains; point repairs; reconnection of service laterals; 889 service lateral rehabilitation, replacement of 3 manholes; the installation of 4 cleanouts and 19 new manholes. In addition, installing curb ramps, preservation of historical stamps and street resurfacing and all other work and appurtenances in accordance with Appendix H – Overall Project Scope of Work and Site Maps. A small portion of the proposed work runs through private property within an existing easement. All construction of manholes and cleanouts, replacement of existing manholes, and street/point repairs would occur within the City’s right-of-way or easement.

1.1. The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Bids inclusive.

2. **CONSTRUCTION COST:** The City’s estimated construction cost for this contract is \$5,771,722.

3. **LOCATION OF WORK:** The location of the Work is as follows:

See Appendix E

4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **260 Working Days**.

5. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

5.1. The City has determined the following licensing classifications for this contract:

| Option | Classifications |
|--------|-----------------|
| 1 | CLASS A |
| 2 | CLASS C34 |

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

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PHASED FUNDING:

- 1.1. For phased funded contracts, the City typically secures enough funds for the first 90 days of the contract prior to award. Within 10 Working Days after Bid opening date the Apparent Low Bidder must contact the Project Manager to discuss fund availability and the duration of the first phase and submit the Pre-Award Schedule to the City for approval and preparation of the first Phased Funding Schedule Agreement.
- 1.2. The Apparent Low Bidder will be required to provide a Pre-award Schedule in accordance with 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK" and 9-3, "PAYMENT" prior to award of Contract.
- 1.3. If the Bid submitted by the Apparent Low Bidder is rejected by the City for any reason, then within 5 Working Days after receiving notice, the next Apparent Low Bidder must provide the Pre-Award Schedule. This process will continue until the City has selected the Apparent Low Bidder or have decided to reject all Bids.
- 1.4. The first Phased Funding Schedule Agreement must show the fund availability for the first phase. Within 22 Working Days from the date of the Bid Opening or notice to the next Apparent Low Bidder (whichever occurs last) and once a Pre-Award Schedule is accepted by the City, the City will present the first Phased Funding Schedule Agreement to you when you are selected as the Apparent Low Bidder as defined in the City's Municipal Code, §22.3003.
- 1.5. At the City's request, you must meet with the City's project manager before execution of the first Phased Funding Schedule Agreement to discuss his or her comments and requests for revision to the Pre-Award Schedule.
- 1.6. Your failure to perform the following may result in the Bid being rejected as **non-responsive**:
 1. meet with the City's project manager, if requested to do so, to discuss and respond to the City's comments regarding the Pre-Award Schedule,
 2. revise the Pre-Award Schedule as requested by the City within the specified 22 Working Days timeframe, or
 3. execute the first Phased Funding Schedule Agreement within a day after receipt.

PHASED FUNDING SCHEDULE

BID NUMBER: K-15-1380-DBB-3

CONTRACT TITLE: PIPELINE REHABILITATION AC-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 everything necessary to rehabilitate 8" Sewer Mains and appurtenances on Sheets 1 through 20. | Notice to Proceed 2/1/16 | 31-Aug-16 | \$ 2,000,000.00 |
| 2 | Work to be completed as Phase 2 shall include everything necessary to rehabilitate remaining Sewer Mains and appurtenances, Slurry Sealing and abandonment of existing mains as shown on Sheets 21 through 32. | 1-Sep-16 | 14-Feb-17 | \$ 1,764,428.25 |
| TOTAL | | | | \$ 3,764,428.25 |

Notes:

- (1) Section 9-3.7 COMPENSATION UNDER EACH PHASE, applies.
- (2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on the BID SCHEDULE.
- (3) The PHASE FUNDING SCHEDULE will be incorporated into the AGREEMENT and shall only be revised by written modification to the AGREEMENT.

OWNER: CITY OF SAN DIEGO

By:


Bijan Shakibah, Project Manager
Engineering and Capital Projects

Date:

4/18/15

CONTRACTOR:

By:


Dominic Burtech
Burtech Pipeline Incorporated

Date:

11/18/15

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM REQUIREMENTS

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

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

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

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

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

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

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

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

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

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

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

ATTACHMENT D
INTENTIONALLY LEFT BLANK

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

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

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

1-2 TERMS AND DEFINITIONS.

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

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

SECTION 2 - SCOPE AND CONTROL OF WORK

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

1. You must perform, with your own organization, Contract work amounting to at least 50% of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.
2. The self performance percentage requirement will be waived for contracts when a "B" License is required or allowed.

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

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

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

The Product Submittal Form is available for download at:

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

2-9.1

Permanent Survey Markers. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Pursuant to Division 3, Chapter 15 of the Business and Professions Code, the Contractor shall not disturb survey monuments that "control the location of subdivisions, tracts, boundaries, roads, streets, or highways, or provide horizontal or vertical survey control" until they have been tied out by a Registered Land Surveyor or Registered Civil Engineer authorized to practice land surveying within the State of California.

Monument Preservation will be performed by City Public Works Field Engineering Division (PW-FED) Field Survey Section on all Projects, unless permission is obtained for these services in writing by PW-FED.

The Contractor shall submit to the Engineer a minimum of 7 Days prior to the start of the Work a list of controlling survey monuments which may be disturbed. The Agency (or the owner on a Private Contract) will:

- a) set survey points outside the affected work area that reference and locate each controlling survey monument that may be disturbed,
- b) file a Corner Record or Record of Survey with the County Surveyor after setting the survey points to be used for re-establishment of the disturbed controlling survey monuments, and
- c) file a Corner Record of Record of Survey with the County Surveyor after re-establishment of the disturbed controlling survey monuments.

2-14.3

Coordination. To the City Supplement, ADD the following:

Other adjacent City projects are scheduled for construction for the same time period in the vicinity of the Project. See Appendix "F" for approximate location. Coordinate the Work with the adjacent projects as listed below:

- a) Pipeline Rehabilitation X-1 , Resident Engineer Neda Shahrara 858-627-3215;
- b) Water Group 949 , Resident Engineer Reyhaneh Martin 858-573-5084;
- c) Sewer Group 743 , Resident Engineer Reyhaneh Martin 858-573-5084;
- d) Water Group 969, Project Manager Laila Nasrawi 619-533-4619;
- e) Otay 2nd Pipeline Phase 1, Project Manager David Manela 619-533- 6682;
- f) Pipeline Rehabilitation G-2, Resident Engineer Ramin Hatam 858-495-7845;

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

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

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

You must submit your list of proposed substitutions for “an equal” (“or equal”) item(s) **no later than 5 Working Days after the determination of the Apparent Low Bidder** and on the City’s Product Submittal Form available at.

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

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

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

5. **FINGERPRINTING OF CONTRACTOR’S PERSONAL REQUIRED:**

The District has determined under Education Code section 45125.1, Subdivision (C), that in performing services pursuant to this agreement, Contractor’s employees may have contact with pupils. As required under Education Code Section 45125.1, Subdivision (A), Contractor shall require their employees, and their Subcontractor’s employees, who will provide services pursuant to this agreement, to submit their fingerprints in a manner authorized by the Department of Justice (DOJ) together with a fee determined by the DOJ in order to conduct a criminal background check to determine whether such employees have been convicted of or have charges pending for a felony as defined under Education Code Section 45125.1.

Contractor shall not permit any employee or Subcontractor’s employee to perform services who may come in contact with pupils under this agreement until the DOJ has determined that the employee has not been convicted of a felony or has no felony criminal charges as defined in section 45122.1.

Contractor shall certify in writing that all of his employees and all Subcontractors’ employee, present or new hires, have not been convicted of a serious or violent felony (as defined in Education Code section 45122.1) or is awaiting adjudication of same. This certification shall be provided by Contractor to the District prior to any of Contractor’s employees, or Subcontractor’s employee, coming in contact with any District pupils.

As an optional service to the Contractor, the Livescan Fingerprinting unit of the District’s School Police Services Division will undertake the fingerprinting, criminal record check, and DOJ clearance of Contractor’s personnel for the DOJ fee of thirty two (\$32) per person. The Livescan Unit is located at the Education Center, 4100 Normal Street, Police Services Building, San Diego, CA 92103 and open from 8 a.m. to 4:30 p.m. Monday through Friday sending any employee for fingerprinting at (619) 725-7014.

Prior to being fingerprinted, Contractor's personnel shall pay to DOJ fee at the District's Cashier's Office, Room 3251 of the Education Center, and bring the receipt as proof of payment to the Livescan Unit. All costs shall be included in the work for the rehabilitation of the 8' sewer pipe.

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

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

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

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

7-3.1 Policies and Procedures.

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

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

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

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

7-3.2.2 Commercial Automobile Liability Insurance.

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

7-3.2.3 Contractors Pollution Liability Insurance.

1. You must procure and maintain at your expense or require Subcontractor, as described below to procure and maintain, the Contractors Pollution Liability Insurance including contractual liability coverage to cover liability arising out of cleanup, removal, storage, or handling of hazardous or toxic chemicals, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit for bodily injury and property damage.
2. All costs of defense must be outside the limits of the policy. Any such insurance provided by Subcontractor instead of you must be approved separately in writing by the City.

3. For approval of a substitution of Subcontractor's insurance, you must certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible must not exceed \$25,000 per claim.
4. Contractual liability must include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There must be no endorsement or modification of the coverage limiting the scope of coverage for either "insured vs. insured" claims or contractual liability.
5. Occurrence based policies must be procured before the Work commences and must be maintained for the Contract Time. Claims Made policies must be procured before the Work commences, must be maintained for the Contract Time, and must include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies must continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
6. Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 days prior written notice (10 days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.

- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
- c) The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.
- d) The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, or (c) premises owned, leased, controlled, or used by you.

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

7-3.5.1.3 Project General Aggregate Limit.

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

7-3.5.2 Commercial Automobile Liability Insurance.

7-3.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.3

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

- a) The policy or policies must be endorsed to include as an Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you; except that in connection with, collateral to, or affecting any

construction contract to which the provisions of subdivision (b) of § 2782 of the California Civil Code apply, this endorsement must not provide any duty of indemnity coverage for the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives in any case where an agreement to indemnify the City and its respective elected officials, officers, employees, agents, and representatives would be invalid under subdivision (b) of §2782 of the California Civil Code.

- b) In any case where a claim or loss encompasses the negligence of the Insured and the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives that is not covered because of California Insurance Code §11580.04, the insurer's obligation to the City and its respective elected officials, officers, employees, agents, and representatives must be limited to obligations permitted by California Insurance Code §11580.04.

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

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

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

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

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

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

7-3.10 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).

1. For contracts with required engineering services (e.g., Design-Build, preparation of engineered Traffic Control Plans (TCP), etc. by the Contractor) for all of your employees or Subcontractors who provide professional engineering services under this contract, you must keep or must require its Subcontractor keep in full

force and effect, Professional Liability coverage with a limit of \$1,000,000 per claim and \$2,000,000 annual aggregate.

2. You must ensure both that: (a) the policy retroactive date is on or before the date of commencement of the Project; and (b) the policy will be maintained in force for a period of 3 years after completion of the Project or termination of this contract whichever occurs last. You agree that for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
3. If professional engineering services are to be provided solely by the Subcontractor, you must (a) certify this to the City in writing and (b) agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth above.

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

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

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

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

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

7-4.1.1 Waiver of Subrogation.

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

7-5 PERMITS, FEES, AND NOTICES. To the City Supplement, ADD the following:

The City will obtain, at no cost to the Contractor; the following permits:

1. Permit To Do Work on Private Property
2. Traffic Control Plan Permit

7-8.6 Water Pollution Control. ADD the following:

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

7-10.2.2.3 Engineered Traffic Control Plans Provided by the Contractor. To the City Supplement, ADD the following:

Engineered "D" size TCP are required for the following areas:

1. Jamacha Boulevard
2. Skyline Drive

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

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

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

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

**ADD:
7-16**

COMMUNITY OUTREACH.

7-16.1 General.

1. To ensure consistency with the City's community outreach plan for the project, the City will work with you to inform the public (which includes, but is not limited to, property owners, renters, homeowners, business owners, recreational users, and other community members and stakeholders) of construction impacts. Efforts by you to mitigate construction impacts by communicating with the public require close coordination and cooperation with the City.
2. You shall perform the community outreach activities required throughout the Contract Time. You shall assign a staff member who will perform the required community outreach services.
3. You shall closely coordinate the Work with the businesses, institutions, residents and property owners impacted by the Project.

Your example duties include notifying businesses, institutions, and residents of the commencement of construction activities not less than 5 days in advance, coordinating access for vehicular and pedestrian traffic to businesses, institutions, and residences impacted by the Project, reporting activities at all Project progress meetings scheduled by the Engineer, attending the Project Pre-construction Meeting, attending 2 community meetings, responding to community questions and complaints related to your activities, and documenting, in writing, as well as logging in all inquiries and complaints received into the City's Public Contact Log located on the City's SDSshare site:

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

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

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

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

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

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

7-16.1.1 Quality Assurance.

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

7-16.1.2

Submittals.

1. You shall submit to the Resident Engineer, for review and approval, all drafts of letters, notices, postcards, door hangers, signs, mailing lists, proposed addresses for hand-delivery, and any other notices and letters that are to be mailed and or distributed to the public.
 - a. Prior to distributing or mailing, you shall submit final drafts of letters, notices, postcards, door hangers, signs, and any other notices and letters to the Resident Engineer for final review and approval. Submit a PDF copy of the approved door hangers to the Engineer.
 - b. After distributing or mailing, you shall submit verification of delivery and any copies of returned notices to the Resident Engineer. Submit a PDF copy of the approved letters and notices to the Engineer.
2. You shall use the City's SDSHare site to identify and summarize communications (via phone, in person, and email) with the public within 24 hours of receipt, even if your response to the individual is still incomplete. You shall upload to the City's SDSHare site copies of all written, electronic, and verbal communications and conversations with the public.

7-16.2

Community Outreach Services.

7-16.2.1

Public Notice by Contractor.

1. Post Project Identification Signs in accordance with section 7-10.6.2
2. Notify businesses, institutions, property owners, residents or any other impacted stakeholders, within a minimum 300 feet radius of the Project, of construction activities and utility service interruptions not less than 5 days in advance.
3. Furnish and distribute public notices in the form of door hangers using the City's format to all occupants and/or property owners along streets:
 - a. Where Work is to be performed at least 5 days before starting construction or survey activities or impacting the community as approved by the Resident Engineer.
 - b. Within 5 days of the completion of your construction activities where work was performed, you shall distribute public notices in the form of door hangers, which outlines the anticipated dates of Asphalt Resurfacing or Slurry Seal.
 - c. No less than 48 hours in advance and no more than 72 hours in advance of the scheduled resurfacing.

4. Leave the door hanger notices on or at the front door of each dwelling and apartment unit and at each tenant of commercial buildings abutting each of the street block segments. Where the front doors of apartment units are inaccessible, distribute the door hanger notices to the apartment manager or security officer.
5. Door Hanger Material: You shall use Blanks/USA brand, Item Number DHJ5B6WH, 1 ¼" Holes (removed), 2-up Jumbo Door Hanger in Bristol White, or approved equal.
6. Mailed Notice Material: You shall use Cougar by Domtar, Item Number 2834 or approved equal.
7. For all Work on private property, contact each owner and occupant individually a minimum of 15 days prior to the Work. If the Work has been delayed, re-notify owners and occupants of the new Work schedule, as directed by the Resident Engineer.
8. A sample of public notices is included in the Contract Appendix.

7-16.2.2

Communications with the Public.

1. Coordinate access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project.
2. You shall provide updates on construction impacts to the Resident Engineer. You shall notify the Resident Engineer in advance about time-sensitive construction impacts and may be required to distribute construction impact notices to the public on short notice.
3. You shall incorporate community outreach activities related to construction impacts in the baseline schedule and update the Resident Engineer with each week's submittal of the Three-Week Look Ahead Schedule.
4. At the request of the Resident Engineer, you shall attend and participate in project briefings at community meetings.
5. You shall coordinate with the Resident Engineer on all responses and actions taken to address public inquiries and complaints within 24-hours that they are received.

7-16.2.3

Communications with Media.

1. The City may allow members of the media access to its construction site(s) on a case-by-case basis only.
2. Occasionally, members of the media may show up at construction sites, uninvited. Members of the media (including, but not limited to newspaper, magazine, radio, television, bloggers, and videographers) do not have the legal right to be in the construction site without the City's permission.

3. In the event media representatives arrive near or on the construction site(s), you shall keep them off the site(s), in a courteous and professional manner, until a Public Information Officer is available to meet them at an approved location.
4. You shall report all members of the media visits to the Resident Engineer as quickly as possible, so that the City's Public Information Officer can meet with the members of the media at the construction site(s).
5. If the City allows members of the media to access a construction site, you shall allow the City to escort the media representatives while they are on the construction site and shall ensure their safety.
6. You shall require media representatives to sign in and out of the Site Visitor Log and to use Personal Protective Equipment.
7. You have a right to speak to members of the media about your company and its role on the project. All other questions shall be referred to the City.

7-16.4 Payment. The Payment for the Community Outreach Service is included in the various Bid items.

7-20 ELECTRONIC COMMUNICATION. ADD the following:

Virtual Project Manager will be used on this contract.

SECTION 9 - MEASUREMENT AND PAYMENT

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

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

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

SECTION 203 – BITUMINOUS MATERIALS

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

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

ADD the following:

RPMS shall be used on this contract.

SECTION 300 – EARTHWORK

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

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

SECTION 302 – ROADWAY SURFACING

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

302-3 **PREPARATORY REPAIR WORK.**

1. Prior to roadway resurfacing or the application of slurry, the Contractor shall complete all necessary preparation and repair work to the road segment e.g., tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc. and as specified in the Special Provisions.
2. Preparatory work shall include, but not be limited to, tree trimming, weed spray, weed abatement, crack sealing, asphalt repair i.e., mill and pave, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc.
3. The Contractor shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2” for Residential streets, and a minimum depth of 3” for all others to expose firm and unyielding pavement. The Contractor shall prepare subgrade as needed and install a minimum of 2” for residential streets, and a minimum of 3” for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.

4. If, in order to achieve the minimum specified depth, the base material is exposed, the material shall be compacted to 95% relative compaction to a depth 10" below the finished grade (dig out). Compaction tests shall be made to ensure compliance with the specifications. The Engineer will determine when and where the test will occur. The City will pay for the soils testing required by the Engineer, which meets the required compaction. The Contractor shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, the Contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Crushed Aggregate Base."
5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Aggregate Base."
6. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4 "Tack Coat."
7. The Contractor shall install new asphalt within the repair area or for patches in accordance with 302-5, "ASPHALT CONCRETE PAVEMENT." Asphalt concrete shall be C2-PG 64-10 in compliance with 400-4, "ASPHALT CONCRETE."
8. No preparatory asphalt work shall be done when the atmospheric temperature is below 50 °F or during unsuitable weather.
9. Following the asphalt placement, the Contractor shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2 "Density and Smoothness." After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
10. The minimum dimension for each individual repair shall be 4' x 4' and shall be subject to the following conditions:
 - a) If the base material is exposed to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, "SUBGRADE PREPARATION."
 - b) When additional base material is required, then the contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Crushed Aggregate Base." Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Base."
 - c) The Contractor may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.

- d) For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt. The areas for scheduled repairs have been marked on the street.

302-3.1 Asphalt Patching.

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

302-3.2 Payment.

1. Payment for replacement of existing pavement when required shall be included in the unit bid price for Asphalt Pavement repair for the total area replaced and no additional payment shall be made regardless of the number of replacements completed. No payment shall be made for areas of over excavation or outside trench areas in utility works unless previously approved by the Engineer. No payment for pavement replacement will be made when the damage is due to the Contractor's failure to protect existing improvements. The Contractor shall reimburse the City for the cost of retesting all failing compaction tests.

2. The areas and quantities shown on the road segments and in appendices are given only for the Contractor's aid in planning the Work and preparing Bids. The Engineer will designate the limits to be removed and these designated areas shall be considered to take precedent over the area shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary.
3. At the end of each day, the Contractor shall submit to the Engineer an itemized list of the asphalt pavement repair work completed. The list shall include the location of the work and the exact square footage of the repair.
4. Preparatory repair work and tack coating will be paid at the Contract unit price per ton for Asphalt Pavement Repair. No payment shall be made for areas of over excavation unless previously approved by the Engineer.
5. Milling shall be included in the Bid item for Asphalt Pavement Repair unless separate Bid item has been provided.
6. Payment for miscellaneous asphalt patching shall be included in the Contract unit price for slurry and no additional payment shall be made therefore.

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

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

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

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

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

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

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

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

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

306-22 Pipe Fusion. DELETE in its entirety.

SECTION 500 – PIPELINE

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

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

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

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

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

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

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

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

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

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

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

ADD:

500-1.6 Service Lateral Rehabilitation.

500-1.6.1 General.

- a) The rehabilitation shall be accomplished using a fabric or fiberglass tube of particular length and a thermoset resin with physical and chemical properties

appropriate for the application without excavation and disturbing surface improvements. The tube is vacuum impregnated with the resin. Access to an upstream end of the service lateral is made by excavation in the public right of way. Installation of the resin-impregnated tube into the service lateral may be performed either by Type A inversion in accordance with ASTM F1216 or by Type B pull-in in accordance with ASTM F 1743, and may be performed from either the mainline or the excavated end of the lateral.

- b) The cured-in-place liner shall extend the entire length of the lateral from the access point to the mainline. The liner shall be extended sufficiently to create a water tight seal at the main and the liner interface. Once the tube or resin composite is cured, the installation equipment shall be removed and the protruding end in the collector shall be cut using a robotic cutting device. A sewer cleanout in accordance with the Standard Drawing SDS-102 "Sewer Lateral Cleanout (In Driveway, Paved Alley, Sidewalk, or Other Area Subject to Traffic)" or SDS-103 "Sewer Lateral Cleanout Outside Traveled Way" shall be installed at the access point and properly backfilled.

A lateral rehabilitation including the installation of lateral cleanout and backfill process should be completed within 15 Working Days.

- c) The liner shall be extended sufficiently to create a water tight seal at the main and the liner interface.
- d) If there is a SLC in place, then the cured-in-place lateral liner shall have a minimum overlap of 2" over the previously installed SLC sewer main lateral connection.

500-1.6.2 Material.

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

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

- a) The Property Owner of the lateral being reconstructed shall be informed, and the flow stopped, for the period of reconstruction work.
- b) The Contractor shall excavate an access pit at the appropriate upstream point on the service lateral in accordance with the reconstruction length determined by the Engineer.

- c) The Contractor shall always clean and color video the lateral line immediately prior to reconstruction and determine the structural condition of the pipeline. Roots, debris, and protruding service connections shall be removed prior to reconstruction.
- d) The tube shall be inspected for torn or frayed sections. The tube in good condition shall then be vacuum impregnated with the thermoset resin.
- e) No open pans or uncontrolled open-air pouring of resin shall be allowed during tube saturation. Resin shall be contained within the inflation bladder during vacuum impregnation and insertion. The Contractor shall ensure that no public property is exposed to contamination by liquid resin compounds or components.
- f) The saturated tube along with the inflation bladder shall be inserted into the installation equipment and the end closed. The entire installation equipment shall be placed in the pipe access pit and aligned with the exposed end of the pipe.
- g) The resin and tube shall be completely protected during the placement. The resin shall not be contaminated or diluted by exposure to dirt, debris, or water during the placement.
- h) The tube shall be installed from the installation equipment by controlled air, water or steam pressure as in accordance with manufacturer instructions. The installation shall be stopped when the tube extends the entire length of the lateral section to be lined. The tube is held tightly in place against the wall of the host pipe by the pressure until the cure is complete.
- i) When the curing process is complete, the pressure is released and the inflation bladder reverted back into the installation equipment and removed from the access point.
- j) No barriers, coatings, or any material other than the cured tube or resin composite specifically designed for desirable physical and chemical resistance properties shall be left in the host pipe. Any materials used in the installation other than the cured tube or resin composite shall be removed.
- k) Any cured tube or resin composite pipe left protruding from the service connection shall be trimmed back using a hydraulic-powered robotic cutting device specifically designed for cutting cured-in-place pipe made from these materials.
- l) A second color video inspection shall be performed to verify the proper cure of the material, the proper trim of service connection, and the integrity of the seamless pipe.
- m) The bypass pumping system shall be removed and the sewer flows restored to normal flow conditions. The service lateral pipes shall be coupled together. The excavation shall be properly backfilled. The property owner of the service connection shall be informed when the Work is complete.

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

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

500-1.6.6 **Payment.**

- a) Payment for the Sewer Lateral Lining covered under 500-1.6, "Service Laterals Rehabilitation" shall be made per each lateral.
- b) The payment for the installation of a sewer cleanout at the access point and televising of the service laterals shall be included in the following Bid items:

| |
|---|
| Service Lateral Lining with Cleanout up to 7 Feet in Depth |
| Service Lateral Lining with Cleanout Greater than 7 Feet in Depth |

- c) Payment for in-situ point repairs shall be included in the bid price for in-situ point repairs and paid for in accordance with 500-1.1.9, "Measurement and Payment" and 500-1.2.7, "Payment."

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

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

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

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

500-4 **SERVICE LATERAL CONNECTION (SLC) SEALING.**

500-4.1 **General.**

1. SLC is the interface of the house sewer lateral with the main sewer. SLC to rehabilitated sanitary sewer lines shall be sealed, normally without excavation, by the installation of a resin-impregnated, flexible, felt tube or fiberglass tube installed into the existing service lateral. The tube shall form a "tee" section with a full lap inside the main pipe and shall extend continuously from the sewer main into the lateral for a minimum of 4". SLC may be a combination of "tees" or "wyes" of varying angle. The resin shall be cured to form the tube into a hard impermeable pipe-within-a-pipe. When cured, the SLC shall seal the connection of the lateral to the mainline in a continuous tight-fitting, watertight pipe-within-a-pipe to eliminate any visible leakage between the

lateral and mainline and shall provide a leak-proof seal designed for a minimum 50-year life to prevent root intrusion, infiltration, and exfiltration between a liner and a host pipe.

2. Prior to cleaning and pre-rehab video inspection, the Contractor shall submit a detailed operational plan for the proposed cleaning of all roots inside the pipe and around the service connection for the Engineer's approval. After cleaning, the Contractor shall proceed with lining of the pipe and reinstating all live service connections. The service connection openings shall conform to the shape and the size of the inside diameter of the existing service connection. Contractor shall use a wire brush or other methods and equipment as recommended by other lining system providers, or other approved means and methods to provide a smooth opening for connecting the lateral to the newly lined pipeline.
3. The Contractor shall trim all protruding laterals which interfere with the lining installation, as flush with the pipe interior as practicable.

500-4.2 Reference Specification. This specification references ASTM test methods which are made a part hereof by such reference and shall be the latest edition and revision thereof and shall meet the chemical resistance requirements of section 210-2.3.3, "Chemical Resistance Test (Pickle Jar Test)."

500-4.3 General Corrosion Requirements.

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

500-4.4 SLC Materials.

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

500-4.5 Physical Properties.

- a) The cured SLC shall conform to the minimum structural standards as listed in Table 500-1.4.2 (A).

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

500-4.6 Installation Preparation.

- a) The Contractor shall remove internal debris out of the sewer line.
- b) Inspection of pipelines shall be performed by experienced personnel trained in locating breaks and obstacles by closed circuit television. The interior of the pipeline shall be carefully inspected to determine the location of any conditions which may prevent proper installation of the SLC into the pipelines, and it shall be noted so that these conditions can be corrected. A color video and suitable log shall be kept for later reference by the City.
- c) The Contractor, when required, shall provide for the flow of sewage around the section or sections of mainline pipe where the service lateral designated for SLC is located. The bypass shall be made by plugging the line at an existing upstream manhole and pumping the flow into a downstream manhole or adjacent system. The pump and bypass lines shall be of adequate capacity and size to handle the flow without service interruption. The bypass systems shall be approved in advance by the City.
- d) The service lateral shall be inactive during the time of installation.
- e) The Contractor shall clear the line of obstructions that prevent the insertion of the SLC material. If inspection reveals an obstruction that cannot be removed by conventional sewer cleaning equipment, the Contractor shall make an external point repair excavation to uncover and remove the obstruction. The Contractor shall inform the Engineer prior to the commencement of the Work.
- f) The mainline pipe opening shall be prepared to accept the SLC and the mainline rehabilitated pipe shall be maximized to obtain the best possible connection.
- g) The transition from the mainline pipe to the service lateral shall be smooth and continuous to provide adequate support for the SLC during installation and cure.

500-4.7 SLC Installation.

- a) The resin impregnated tube shall be loaded inside a pressure apparatus. The pressure apparatus, attached to a robotic device, shall be positioned in the mainline pipe at the service connection. The robotic device, together with a television camera, shall be used to align the SLC repair with the service connection opening. Air pressure, supplied to the pressure apparatus through an air hose, shall be used to invert the resin impregnated SLC into the lateral

pipe. The inversion pressure shall be adjusted to fully invert the SLC into the lateral pipe and hold the tube tight to the pipe wall. Care shall be taken during the curing process not to over-stress the tube.

- b) The pressure apparatus shall include a bladder which shall inflate in the mainline pipe, effectively seating the SLC repair against the service connection.
- c) After inversion or pull in is completed, recommended pressure is maintained on the impregnated tube for the duration of the curing process. Curing method shall be compatible with the resin selected. An ultraviolet (UV) light cured, heat cured or ambient cured resin system is typically used.
- d) The initial cure shall be deemed to be completed when the SLC has been exposed to the UV light, heat source or held in place for the time period specified by the manufacturer.
- e) The Contractor shall cool the hardened SLC before relieving the pressure in the pressure apparatus. Cool-down may be accomplished by the introduction of cool air into the pressure apparatus. Care shall be taken to maintain proper pressure throughout the cure and cool-down period.
- f) The finished SLC shall be free of dry spots, lifts and delamination. The lateral SLC shall not inhibit the closed circuit television post video inspection of the mainline or service lateral pipes. Frayed ends of the SLC repair shall be removed prior to acceptance.
- g) During the warranty period, any defects which shall affect the integrity of strength of the SLC shall be repaired at the Contractor's expense in a manner mutually agreed upon by the manufacturer, City, and the Contractor.
- h) After the Work is completed, the Contractor shall provide the City with a video disc showing the completed work including the restored conditions.

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

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

SECTION 705 – WATER DISCHARGES

- 705-2.6.1 **General. Paragraph (3), CORRECT reference to Section 803 to read “Section 703.”**
- 705-2.6.3 **Community Health and Safety Plan.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:
- 705-2.6.3 **Community Health and Safety Plan.** See 703-2, “Community Health and Safety Plan.”

SECTION 707 – RESOURCE DISCOVERIES

ADD:

707-1.1

Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption** for **Pipeline Rehabilitation AC-1**, DEP No. **WBS B-14008**, as referenced in the Contract Appendix. You must comply with all requirements of the **Notice of Exemption** as set forth in the Contract Appendix A.

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

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

TO: X RECORDER/COUNTY CLERK
P.O. BOX 1750, MS A-33
1600 PACIFIC HWY, ROOM 260
SAN DIEGO, CA 92101-2422
OFFICE OF PLANNING AND RESEARCH
1400 TENTH STREET, ROOM 121
SACRAMENTO, CA 95814

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

PROJECT NO.: WBS# B-14008.02.06

PROJECT TITLE: PIPELINE REHABILITATION AC-1

PROJECT LOCATION-SPECIFIC: Along: 69th Street, Armacost Road, Benson Avenue, Braddock Place, Braddock Street, Brennan Street, Britain Street, Buccaneer Drive, Car Street, Cardiff Street, Carlisle Drive, Deville Drive, Dodie Street, Drake Street, Elvado Way, Ely Circle, Glencoe Drive, Harlan Circle, Helm Street, Imperial Avenue, Jacmar Avenue, Jamacha Road, Jud Street, Kaymar Drive, Koe Street, La Sena Avenue, Los Reyes Drive, Los Soneto Circle, Harlan Place, Los Soneto Drive, Madrone Avenue, Marjorie Drive, Peggy Drive, Peter Pan Avenue, Rexview Drive, Ritchey Street, Shipley Court, Skyline Drive, Solana Street, Springford Avenue, Sychar Road, Tuther Way, Victoria Court, Viewcrest Drive, Welling Way, Woodman Street, Woodrow Avenue, and in various easements through private property. The site is in the Skyline-Paradise Hills, Encanto Neighborhoods-Southeastern Community Plan Areas in Council District #4.

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

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT:

This project will use trenchless technology to rehabilitate approximately 40,279 linear feet of existing 8-inch and 10-inch sewer mains. It will also include internal and external point repairs, reconnection of service laterals, replacement of old manholes, installation of nineteen new manholes, and installation of four new cleanouts and manholes.

Either or both of the following two methods of sewer main rehabilitation and internal point repairs may be used for this project: 1) Cured-in-place pipe: a liner is pulled through the sewer main, cured using hot water or steam, and cut at both ends, 2) Ribloc (spiral): a liner is pulled through the sewer main as plastic strips and then formed to a pipe to create a new pipeline, within the existing pipe. Both methods require access from either two manholes, or from one manhole and one cleanout. External point repairs involve excavation of a maximum ten-foot long by three-foot wide area, extending from the ground surface to the existing pipeline.

The construction of new manholes involves excavating a ten-foot long by ten-foot wide area at each location, and the construction of the new cleanouts involves excavating a five-foot long by five-foot wide area. Excavation for both would extend from the ground surface down to the existing pipeline, both within the existing trenches and extending laterally into previously undisturbed soil. In the case of the new manholes, the excavation would extend a maximum of 3.5 feet laterally outside of the existing trench, and excavation for cleanouts would extend a maximum of 1.5 feet laterally outside of the existing trench. Excavation for manholes and cleanouts would reach a maximum depth of nine feet.

The construction of the new manholes and cleanouts will be the only portions of this project that will disturb previously undisturbed soils. All other excavation will be confined to existing pipeline trenches, and will not encroach into previously undisturbed soil. The project, including staging activities, would occur entirely within urban/developed land. Sewer Rehab AC-1 will implement storm water best management practices. No impact to sensitive biological resources would result from project implementation. This project is not within or adjacent to the City's Multiple Species Conservation Program (MSCP)/Multi-Habitat Planning Area (MHPA), and it will not remove any vegetation.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego, E&CP Dept/Bijan Shakiba
525 B Street, Suite 750 (MS 908A)
San Diego, CA 92101
(619) 533-5191

EXEMPT STATUS: (CHECK ONE)

- MINISTERIAL (SEC. 21080(b)(1); 15268);
- CATEGORICAL EXEMPTION: §15301(b) [Existing Facilities], and §15302(c) [Replacement or Reconstruction]
- STATUTORY EXEMPTIONS: §15282(K) [Pipelines Less Than a Mile]

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an environmental review and determined the project meets the categorical exemption criteria set forth in the CEQA State Guidelines §15301(B) [EXISTING FACILITIES], which allows for the repair and maintenance of existing public facilities, including publicly owned utilities, involving negligible or no expansion of the use beyond that existing at the time of the lead agency's determination; §15302(C) [REPLACEMENT OR RECONSTRUCTION], which allows for the replacement or reconstruction of existing utility systems, where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; and where the exceptions listed in CEQA Guidelines §15300.2 would not apply. This project would not impact sensitive resources.

LEAD AGENCY CONTACT PERSON: MYRA HERRMANN

TELEPHONE: (619) 446-5372

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



SENIOR PLANNER

SIGNATURE/TITLE

APRIL 3, 2015

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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| | 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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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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| CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS | NUMBER DI 55.27 | DEPARTMENT Water Department |
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| | SUPERSEDES DI 55.27 | DATED April 21, 2000 |

7. FEE AND DEPOSIT SCHEDULES

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

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

8. UNAUTHORIZED USE OF WATER FROM A HYDRANT

- 8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.
- 8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.
- 8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.
- 8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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

**Larry Gardner
Water Department Director**

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

| | |
|--------|------|
| NS REQ | FAC# |
| DATE | BY |

METER SHOP (619) 527-7449

Meter Information

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

| | | |
|--|--------------------------|---|
| Fire Hydrant Location: (Attach Detailed Map//Thomas Bros. Map Location or Construction drawing.) Zip: | 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="checkbox"/> | <input type="checkbox"/> Check Box if Reclaimed Water |

Company Information

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

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

| City Meter | 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

APPENDIX E
LOCATION MAP

APPENDIX F
ADJACENT PROJECTS

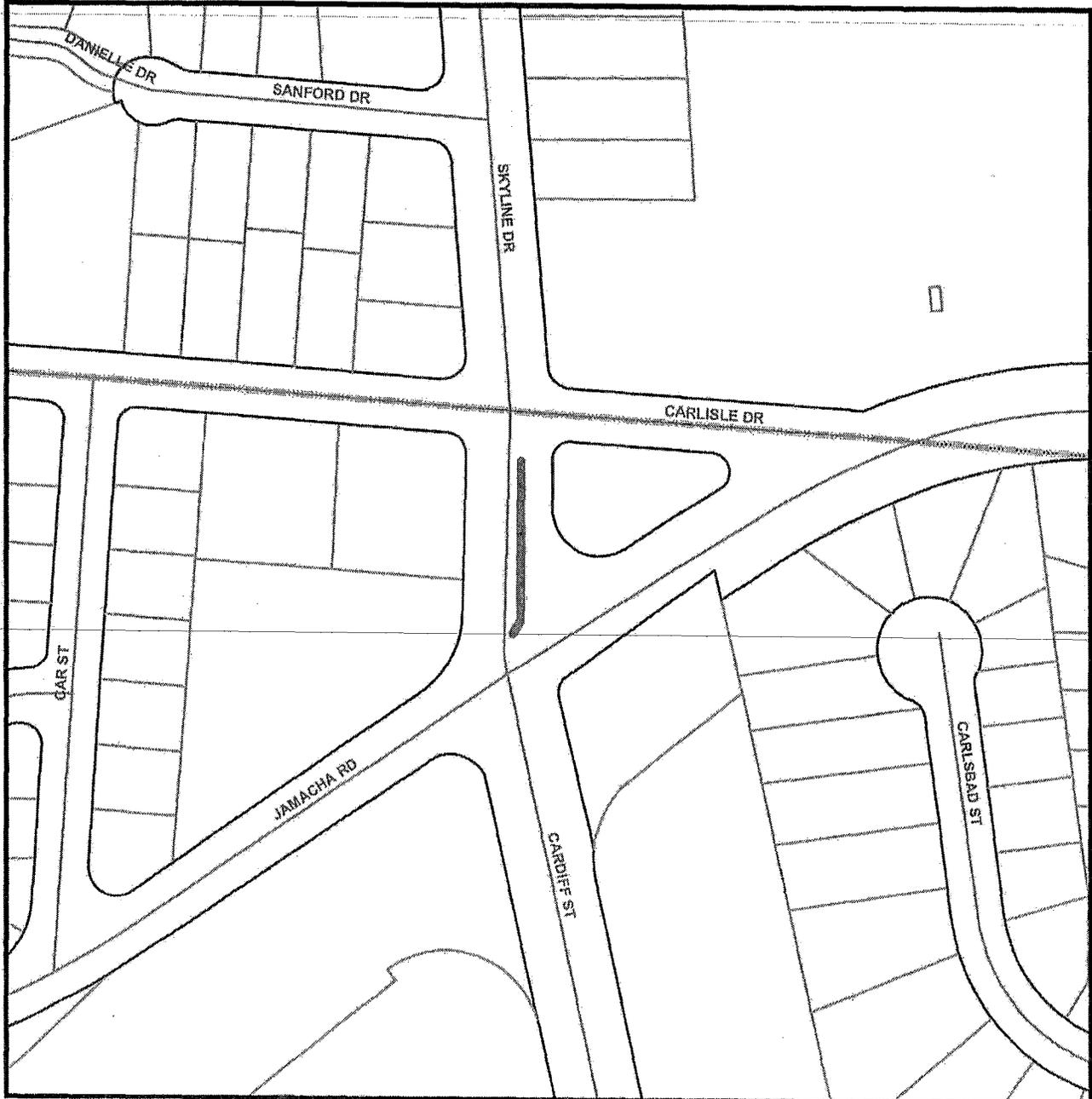
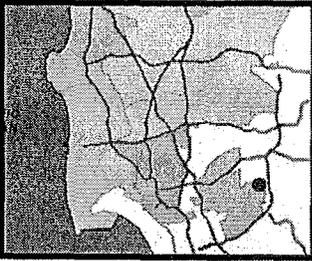
Water Group Job 969 Map 16 of 16

SENIOR ENGINEER
MICHAEL NINH
619-533-7443

PROJECT MANAGER
LAILA NASRAWI
619-533-4619

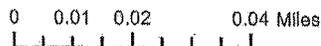
PROJECT ENGINEER
LOTUS LENGUYEN
619-533-4626

CONSTRUCTION PROJECT
INFORMATION LINE
(619) 833-4207



Legend

WGJ 969



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COMMUNITY NAME: Skyline,
Paradise Hills



COUNCIL DISTRICT: 4

SAP ID: B14100



PREDESIGN LOCATION MAP
OTAY 2ND PIPELINE PHASE 1
 1 of 2

PUBLIC WORKS
 DEPARTMENT

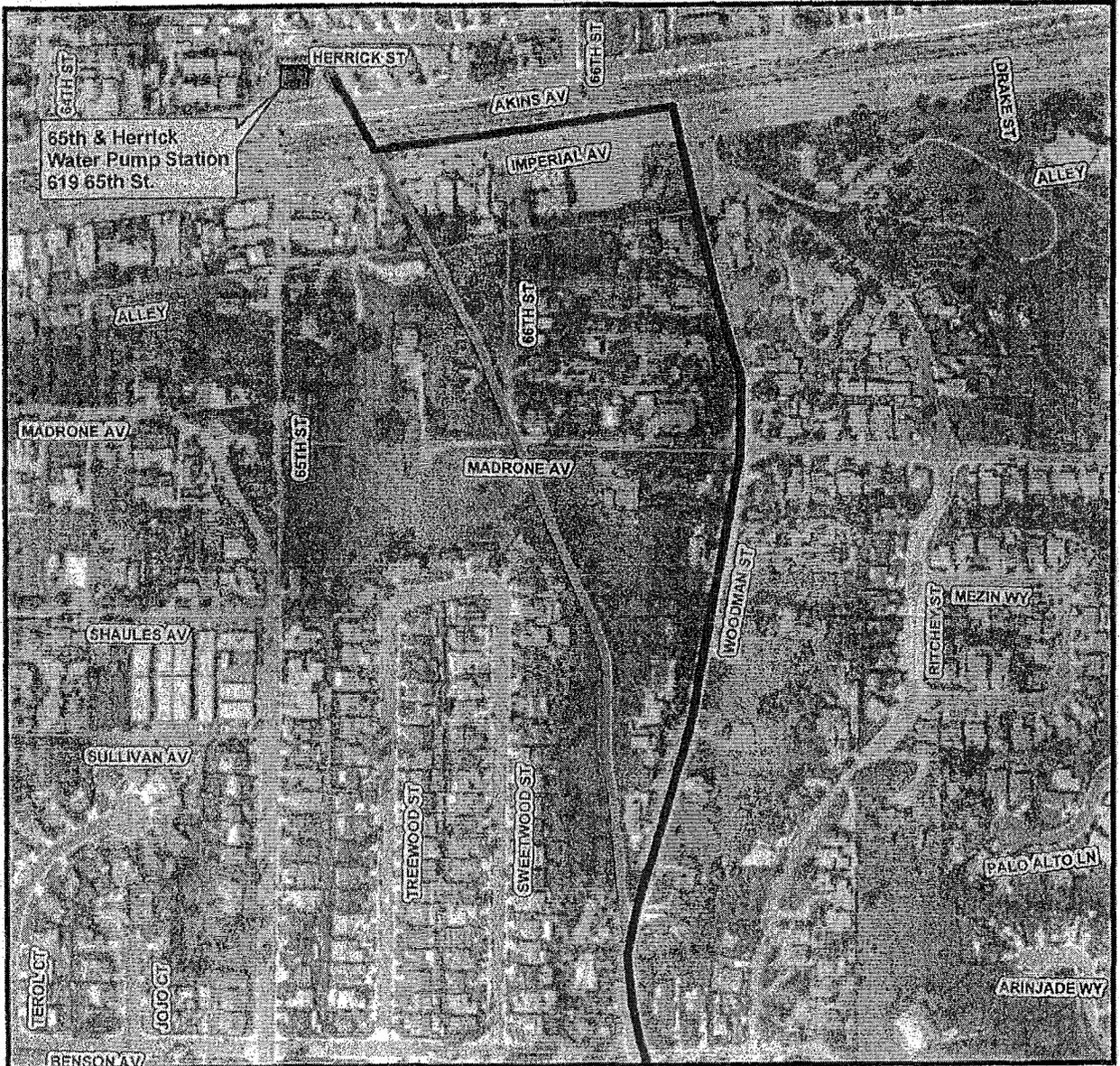
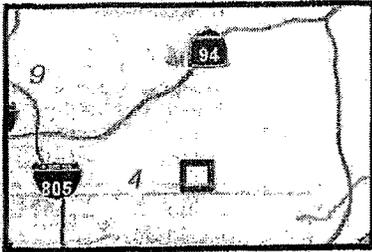
Project Implementation (PI) CIP Preliminary
 Engineering and Program Coordination

SENIOR ENGINEER
 Nevia Aritoun
 619-533-4852

PROJECT ENGINEER
 Ryan Creek
 619-533-3767

PROJECT MANAGER
 Julian Espinoza
 619-533-4384

PROJECT DRAFTER
 Susan Griebenow
 619-533-3652



Legend

-  Proposed 48 Pipeline
-  Exist. Water Pump Station
-  Proposed To Be Abandoned



No Scale

COMMUNITY NAME: Encanto Neighborhoods,
 Southwestern & Skyline-Paradise Hills
 Date: February 20, 2014

COUNCIL DISTRICT: 04

SAP ID: B14092



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PREDESIGN LOCATION MAP
OTAY 2ND PIPELINE PHASE 1
 2 of 2



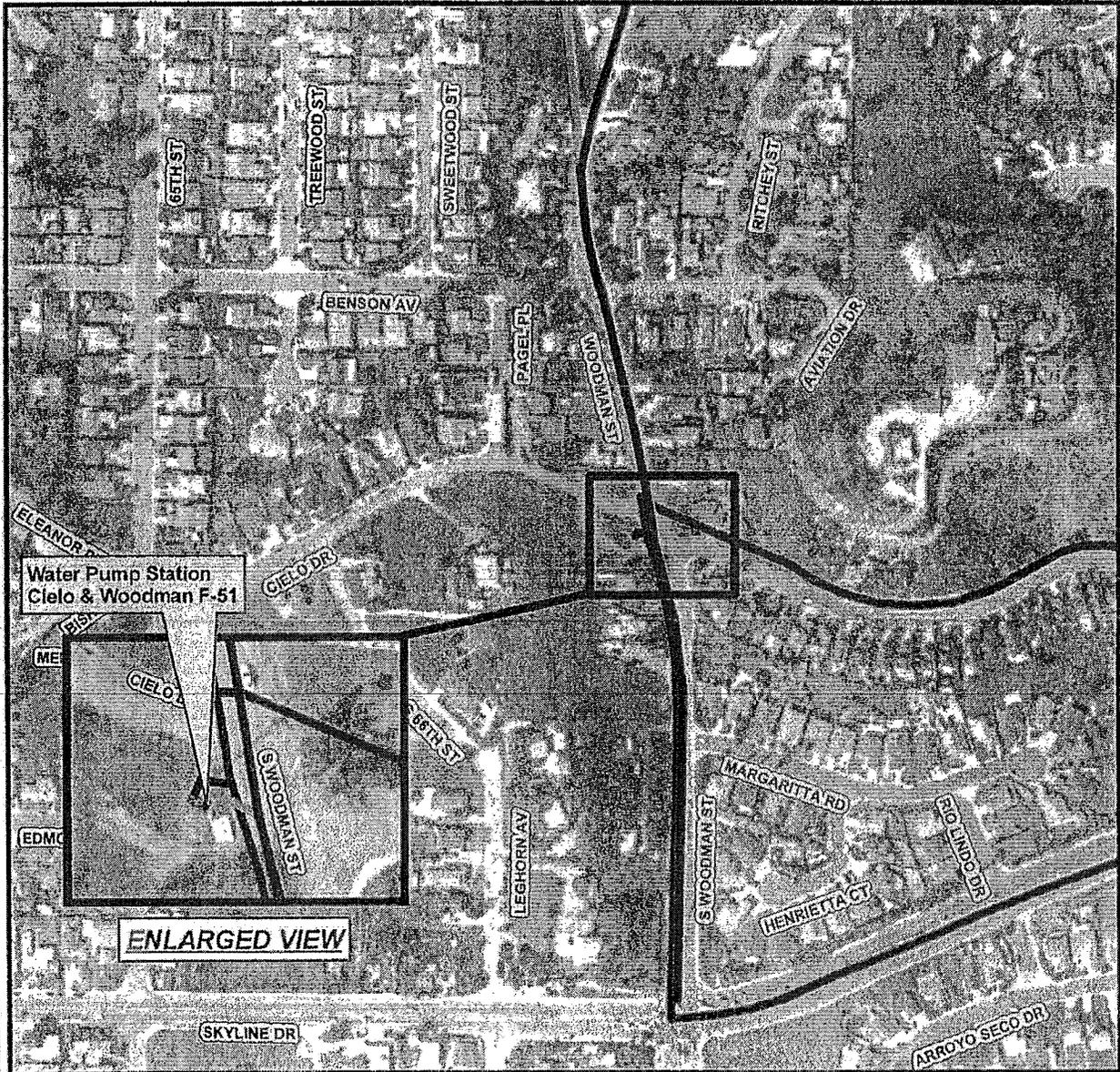
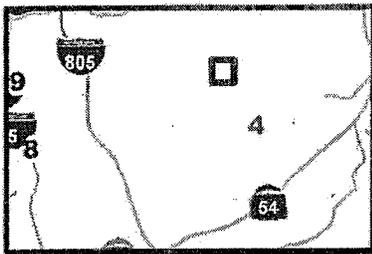
Project Implementation (PI) CIP Preliminary
 Engineering and Program Coordination

SENIOR ENGINEER
 Neven Antoun
 619-533-4852

PROJECT ENGINEER
 Ryan Creek
 619-533-3767

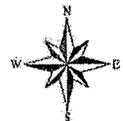
PROJECT MANAGER
 Julian Espinoza
 619-533-4384

PROJECT DRAFTER
 Susan Griebenow
 619-533-3652



Legend

- Proposed 30 Pipeline
- Proposed 24 Pipeline
- Proposed 48 Pipeline
- Proposed To Be Abandoned
- Water Group Job 949
- Water Pump Station



No Scale

COMMUNITY NAME: Encanto Neighborhoods,
 Southwestern & Skyline-Paradise Hills
 Date: February 20, 2014

COUNCIL DISTRICT: 04

SAP ID: B-14092



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Pipeline Rehab - Phase G-2 (Laterals)

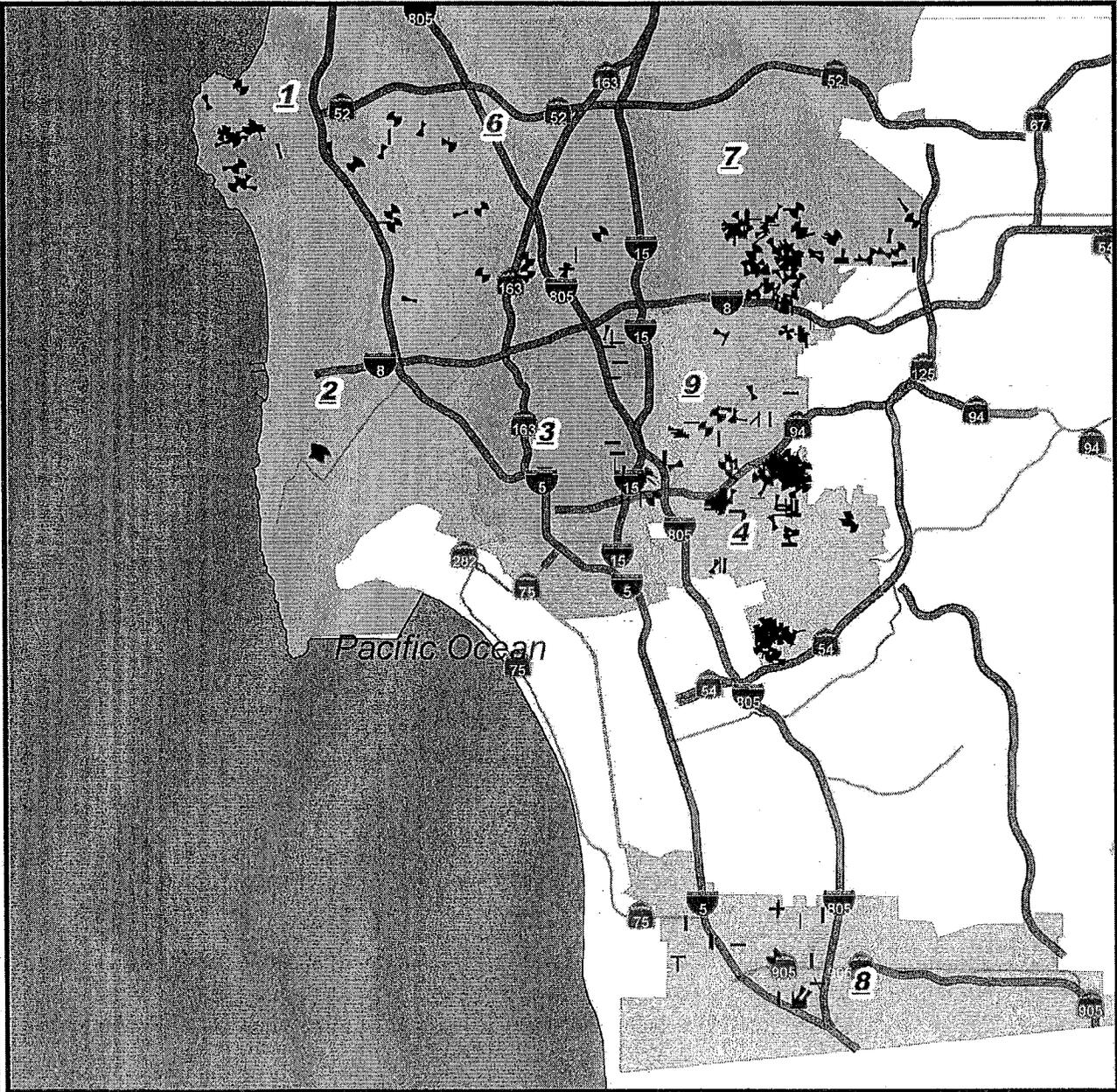
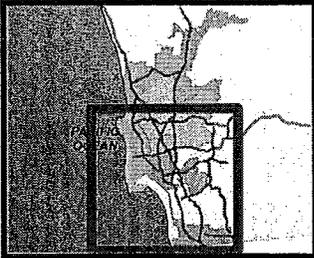
SENIOR ENGINEER
Mike Ninh
619-533-7443

PROJECT MANAGER
Laila Nasrawi
619-533-4619



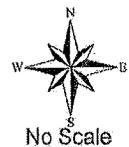
PROJECT ENGINEER
Lotous Lenguyen
619-533-4626

CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207



Legend

— Rehab G-2



COMMUNITY NAME: Citywide

COUNCIL DISTRICT: Citywide

SAP ID: B-11029

PIPELINE REHABILITATION X-1 LOCATION MAP (3 OF 3)

SENIOR ENGINEER
RANIA AMEN
619-533-5492

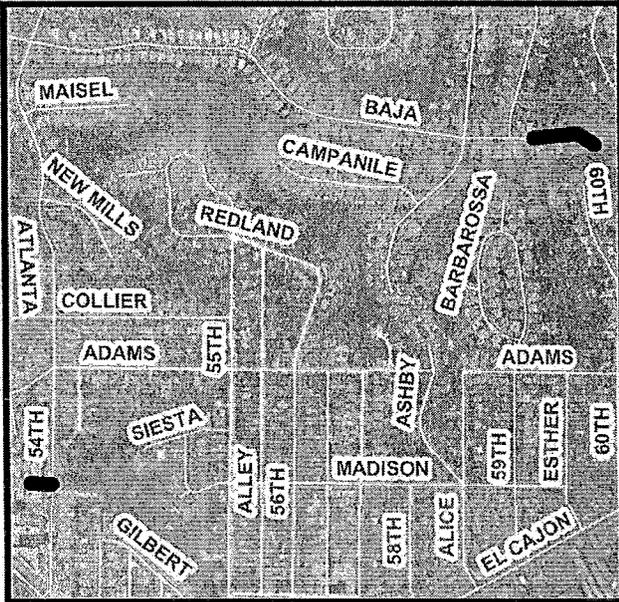
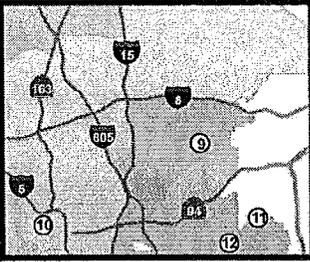
PROJECT MANAGER
JERICO GALLARDO
619-533-7523

PROJECT ENGINEER
ELIZABETH DUNN
619-533-7461

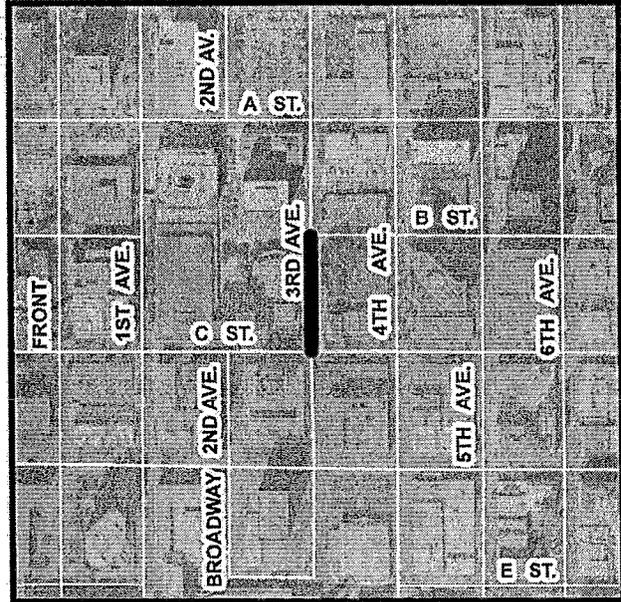
CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207



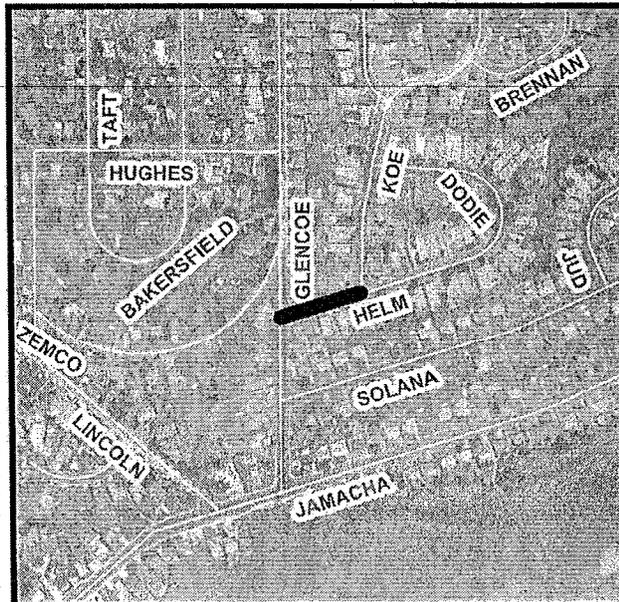
Right-Of-Way Division



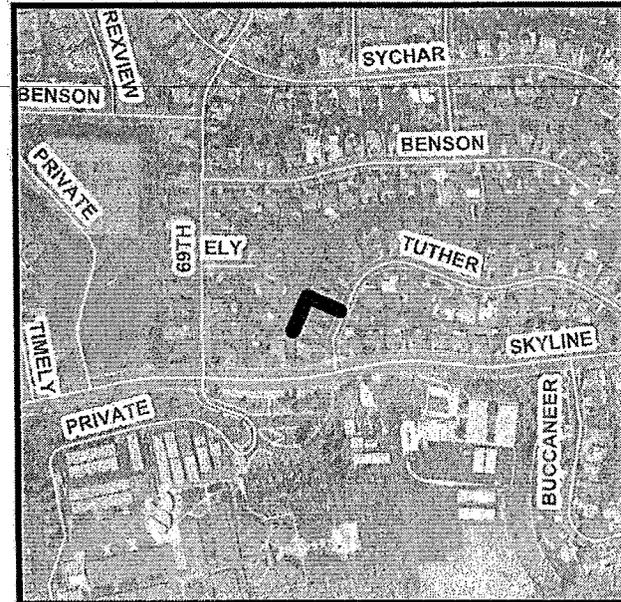
PROJECT LOCATION 9



PROJECT LOCATION 10



PROJECT LOCATION 11



PROJECT LOCATION 12

Legend

-  Prop. Rehab Pipe
-  Project Location



COMMUNITY NAME: College Area, Downtown
Skyline-Paradise Hills

COUNCIL DISTRICT: 3, 4 & 9

SAP ID: B-13098

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LOCATION MAP

SEWER GROUP 743

(Map 10 OF 10)

SENIOR ENGINEER
WENDY GAMBOA

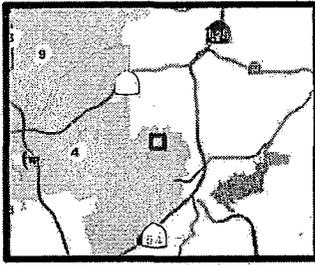
PROJECT MANAGER
DAN TITTLE

PROJECT ENGINEER
FRANCIS MARQUEZ

CONSTRUCTION PROJECT
INFORMATION
(619) 533-4207

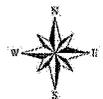


Right Of Way Division



LEGEND

-  NEW SEWER MAIN
-  SEWER 743 REPLACE-IN-PLACE
-  SEWER ABANDONMENT



No Scale

Community Name: Skyline - Paradise Hills

Council District: 4

SAP ID# B00353

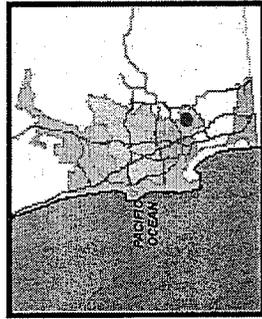
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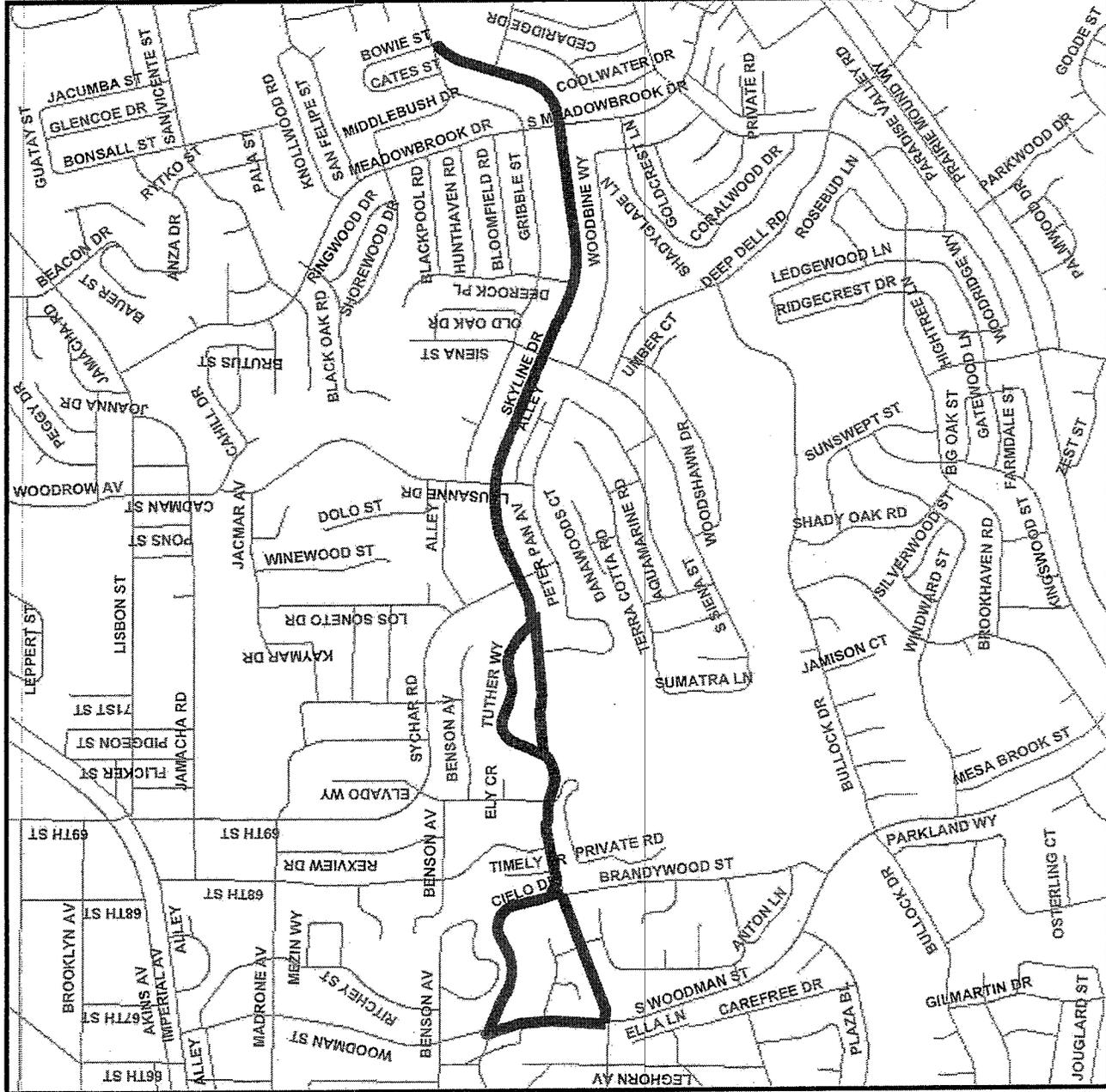
Pipeline Rehabilitation AC-1 Appendix F- Adjacent Projects (Rev. Aug. 2015)



WATER GROUP 949



PUBLIC INFORMATION OFFICER
619-533-4270



Legend

— GJ949



No Scale

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COMMUNITY NAME:
SKYLINE-PARADISE HILLS

COUNCIL DISTRICT: 4

SAP ID: B11045 (W)



Date: 8/15/2012
Pipe: 48" Rehabilitation AC-1 Appendix F- Adjacent Projects (Rev. Aug. 2015)



APPENDIX G

**SEWER MAINS, LATERALS AND MANHOLE REHABILITATION SAMPLE DATA
TEMPLATES**

REHAB DATA COLLECTION - LATERALS

| FSN | REHAB DATE | TOPHAT INSTALLED | SIZE | FUNCTIONAL DIAM | LINING TYPE DESC | LINING METHOD DESC | REHAB CONTRACTOR DESC | REHAB MATERIAL VENDOR | COMMENTS | ACCEPTANCE DATE |
|---------|------------|------------------|------|-----------------|------------------|--------------------|------------------------------|-----------------------|---|-----------------|
| 5033085 | 8/22/2006 | Y | 6 | 5 | PVC | SPIRAL WOUND | WESCO INFRA. TECHNOLOGIES,LP | RIBLOC | EXAMPLE - Leave this row in the table as it is. | 8/22/2006 |
| | | | | | | | | | | |
| | | | | | | | | | | |

APPENDIX H
OVERALL PROJECT SCOPE OF WORK TABLE AND SITE MAPS

PIPELINE REHABILITATION AC-1

| FSN | Sheet # | US FIELD BOOK PAGE | US MH | DS FIELD BOOK PAGE | DS MH | INSTALLED DATE | LENGTH | SIZE | MATERIAL | SLOPE % | MAX d/D | LATERALS | ACTION | THOMAS BRO | STREET NAME | COMMUNITY | COUNCIL DISTRICT | REMARKS | review |
|-------|---------|--------------------|-------|--------------------|-------|----------------|--------|------|----------|---------|---------|----------|--------------------|------------|-------------|-----------|------------------|---------------------|--------|
| 63035 | 23 | M215 | 1 | M215 | 7 | 1/1/1959 | 142 | 8 | VC | 5.9 | 3.4 | 5 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63032 | 23 | M215 | 7 | M215 | 86 | 1/1/1959 | 180 | 8 | VC | 6 | 5.6 | 5 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63202 | 23 | M225 | 86 | M225 | 194 | 1/1/1959 | 211 | 8 | VC | 4.8 | 7.43 | 5 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63014 | 23 | M215 | 5 | M215 | 8 | 1/1/1959 | 231 | 8 | VC | 2 | 8.26 | 9 | REHAB | 1290G2 | SHIPLEY | JAMACHA | 4 | | |
| 63015 | 23 | M215 | 8 | M215 | 194 | 1/1/1959 | 350 | 8 | VC | 2.5 | 9.18 | 6 | REHAB | 1290G2 | SHIPLEY | JAMACHA | 4 | | |
| 63196 | 23 | M215 | 194 | M225 | 198 | 1/1/1959 | 328 | 8 | VC | 4.8 | 10.58 | 9 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63205 | 24 | M225 | 108 | M225 | 198 | 1/1/1959 | 120 | 8 | VC | 4.7 | 10.44 | 1 | REHAB | 1290G2 | MARJORIE | JAMACHA | 4 | | |
| 63204 | 24 | M225 | 114 | M225 | 108 | 1/1/1959 | 223 | 8 | VC | 6.3 | 9.69 | 4 | REHAB | 1290G2 | MARJORIE | JAMACHA | 4 | | |
| 63212 | 24 | M225 | 113 | M225 | 114 | 1/1/1959 | 306 | 8 | VC | 3.2 | 5.1 | 9 | REHAB | 1290G2 | MARJORIE | JAMACHA | 4 | | |
| 63213 | 25 | M225 | 112 | M225 | 113 | 1/1/1959 | 350 | 8 | VC | 3.2 | 4.81 | 10 | REHAB | 1290G2 | MARJORIE | JAMACHA | 4 | | |
| 63149 | 26 | M225 | | M225 | 213 | 1/1/1958 | 160 | 8 | VC | 3.8 | 5.04 | 6 | REHAB | 1290G3 | PEGGY | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63324 | 26 | M225 | 213 | M225 | 74 | 1/1/1958 | 350 | 8 | VC | 4.3 | 7.84 | 10 | REHAB | 1290G3 | PEGGY | JAMACHA | 4 | | |
| 63325 | 26 | M225 | 74 | M225 | 72 | 1/1/1958 | 215 | 8 | VC | 6.9 | 7.52 | 2 | REHAB | 1290G3 | PEGGY | JAMACHA | 4 | | |
| 63018 | 22 | M215 | | M215 | 41 | 1/1/1959 | 105 | 8 | VC | 0.6 | 7.14 | 5 | REHAB | 1290G2 | DEVILLE | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63017 | 22 | M215 | 41 | M215 | 42 | 1/1/1959 | 64 | 8 | VC | 1.8 | 6.32 | 2 | REHAB | 1290G2 | DEVILLE | JAMACHA | 4 | | |
| 63016 | 22 | M215 | 42 | M215 | 27 | 1/1/1959 | 110 | 8 | VC | 1.8 | 7.2 | 2 | REHAB | 1290G2 | DEVILLE | JAMACHA | 4 | | |
| 63019 | 22 | M215 | 26 | M215 | 27 | 1/1/1959 | 255 | 8 | VC | 1.3 | 4.82 | 4 | REHAB | 1290G2 | DEVILLE | JAMACHA | 4 | | |
| 63026 | 22 | M215 | 27 | M215 | 43 | 1/1/1959 | 195 | 8 | VC | 7 | 7.22 | 5 | REHAB | 1290G2 | ARMACOST | JAMACHA | 4 | | |
| 63028 | 22 | M215 | 43 | M215 | 253 | 1/1/1959 | 219 | 8 | VC | 10.8 | 7.62 | 5 | REHAB | 1290G2 | ARMACOST | JAMACHA | 4 | | |
| 63172 | 22 | M215 | 253 | M215 | 252 | 1/1/1959 | 177 | 8 | VC | 3 | 10.95 | 2 | REHAB | 1290G2 | ARMACOST | JAMACHA | 4 | | |
| 63146 | 22 | M225 | 198 | M225 | 196 | 1/1/1959 | 200 | 8 | VC | 4.8 | 14.34 | 3 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63166 | 22 | M225 | 196 | M225 | 252 | 1/1/1959 | 187 | 8 | VC | 4.8 | 14.35 | 2 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63169 | 21 | M225 | 252 | M225 | 247 | 1/1/1959 | 102 | 8 | VC | 4.8 | 16.42 | 0 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63165 | 21 | M225 | 247 | M225 | 249 | 1/1/1959 | 177 | 8 | VC | 4.8 | 16.44 | 3 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63145 | 21 | M225 | 249 | M225 | 246 | 1/1/1959 | 264 | 8 | VC | 5.4 | 15.91 | 8 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63144 | 21 | M225 | 246 | M225 | 219 | 1/1/1959 | 346 | 8 | VC | 1.4 | 24.19 | 10 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63143 | 20 | M225 | 219 | M225 | 217 | 1/1/1959 | 260 | 8 | VC | 1 | 26.4 | 8 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63136 | 20 | M225 | 217 | M225 | 231 | 1/1/1959 | 264 | 8 | VC | 1 | 26.32 | 9 | POINT REPAIR/REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63139 | 20 | M225 | 231 | M225 | 232 | 1/1/1959 | 140 | 8 | VC | 1 | 31.2 | 3 | REHAB | 1290G2 | WOODROW | JAMACHA | 4 | | |
| 63199 | 25 | M225 | 109 | M225 | 111 | 1/1/1959 | 330 | 8 | VC | 1.9 | 11.18 | 11 | POINT REPAIR/REHAB | 1290G2 | HARLAN | JAMACHA | 4 | | |
| 63214 | 25 | M225 | 111 | M225 | 124 | 1/1/1959 | 163 | 8 | VC | 7 | 11.49 | 4 | REHAB | 1290G2 | HARLAN | JAMACHA | 4 | | |
| 63208 | 25 | M225 | 124 | M225 | 125 | 1/1/1959 | 190 | 8 | VC | 7.1 | 12.5 | 4 | REHAB | 1290G2 | HARLAN | JAMACHA | 4 | | |
| 63215 | 25 | M225 | 126 | M225 | 125 | 1/1/1959 | 239 | 8 | VC | 8.4 | 12.5 | 5 | REHAB | 1290G2 | VIEWCREST | JAMACHA | 4 | | |
| 63207 | 25 | M225 | 125 | M225 | | 1/1/1959 | 200 | 8 | VC | 8 | 12.71 | 3 | REHAB | 1290G2 | VIEWCREST | JAMACHA | 4 | | |
| 63211 | 25 | M225 | | M225 | 119 | 1/1/1959 | 161 | 8 | VC | 8 | 12.9 | 1 | POINT REPAIR/REHAB | 1290G2 | VIEWCREST | JAMACHA | 4 | | |
| 63209 | 25 | M225 | 94 | M225 | 92 | 1/1/1959 | 144 | 8 | VC | 6.8 | 10.47 | 2 | REHAB | 1290G2 | BRITAIN | JAMACHA | 4 | | |
| 63597 | 9 | M235 | 393 | M235 | 390 | 1/1/1959 | 350 | 8 | VC | 6.4 | 13.49 | 10 | REHAB | 1290F4 | SPRINGFORD | SKYLINE | 4 | | |
| 63600 | 9 | M235 | 390 | M235 | 395 | 1/1/1959 | 295 | 8 | VC | 1.4 | 14 | 4 | REHAB | 1290F4 | WELLING | SKYLINE | 4 | | |
| 63599 | 9 | M235 | 395 | M235 | 78 | 1/1/1959 | 290 | 8 | VC | 2 | 13.37 | 4 | REHAB | 1290F4 | WELLING | SKYLINE | 4 | | |
| 63562 | 9 | M235 | 78 | M235 | 74 | 1/1/1959 | 132 | 8 | VC | 3.2 | 14 | 0 | REHAB | 1290F4 | WELLING | SKYLINE | 4 | | |
| 63563 | 8 | M235 | 74 | M235 | 59 | 1/1/1959 | 165 | 8 | VC | 2.9 | 14.84 | 2 | REHAB | 1290F4 | MADRONE | SKYLINE | 4 | | |
| 63561 | 8 | M235 | 59 | M235 | 357 | 1/1/1959 | 200 | 8 | VC | 2 | 15.12 | 4 | REHAB | 1290F4 | MADRONE | SKYLINE | 4 | | |
| 59876 | 8 | L225 | 357 | L225 | 272 | 1/1/1959 | 147 | 8 | VC | 4.1 | 18.56 | 0 | REHAB | 1290F4 | MADRONE | SKYLINE | 4 | | |
| 59875 | 8 | L225 | 272 | L225 | 296 | 1/1/1959 | 30 | 8 | VC | 1.3 | 18.54 | 1 | REHAB | 1290F4 | MADRONE | SKYLINE | 4 | | |
| 59872 | 8 | L225 | 296 | L225 | 299 | 1/1/1959 | 299 | 8 | VC | 14.7 | 14.04 | 8 | REHAB | 1290F4 | MADRONE | SKYLINE | 4 | | |
| 59919 | 7 | L225 | 299 | L225 | 300 | 1/1/1959 | 206 | 8 | VC | 12 | 61.73 | 1 | REHAB | 1.29E+06 | MADRONE | SKYLINE | 4 | | |
| 60257 | 6 | L235 | 86 | L235 | 85 | 1/1/1959 | 323 | 8 | VC | 2 | 13.37 | 10 | REHAB | 1290F4 | ELVADO | SKYLINE | 4 | | |
| 60258 | 6 | L235 | 85 | L235 | 103 | 1/1/1959 | 300 | 8 | VC | 2 | 11.78 | 9 | REHAB | 1290F4 | ELVADO | SKYLINE | 4 | | |
| 60259 | 6 | L235 | 103 | L235 | 105 | 1/1/1959 | 316 | 8 | VC | 12.4 | 59.42 | 0 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | not row | |
| 63590 | 10 | M235 | 271 | M235 | 272 | 1/1/1959 | 236 | 8 | VC | 0.4 | 11.39 | 7 | REHAB | 1290F4 | MADRONE | SKYLINE | 4 | | |
| 63582 | 11 | M235 | 346 | M235 | 343 | 1/1/1959 | 318 | 8 | VC | 8.8 | 6.53 | 8 | REHAB | 1290F3 | LOS SONETO | SKYLINE | 4 | | |
| 63581 | 11 | M235 | 343 | M235 | 263 | 1/1/1959 | 295 | 8 | VC | 10.8 | 7.43 | 4 | REHAB | 1290F3 | LOS SONETO | SKYLINE | 4 | | |
| 63592 | 10 | M235 | 389 | M235 | 263 | 1/1/1959 | 320 | 8 | VC | 0.4 | 13.21 | 9 | REHAB | 1290F3 | LA SENA | SKYLINE | 4 | | |

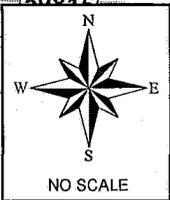
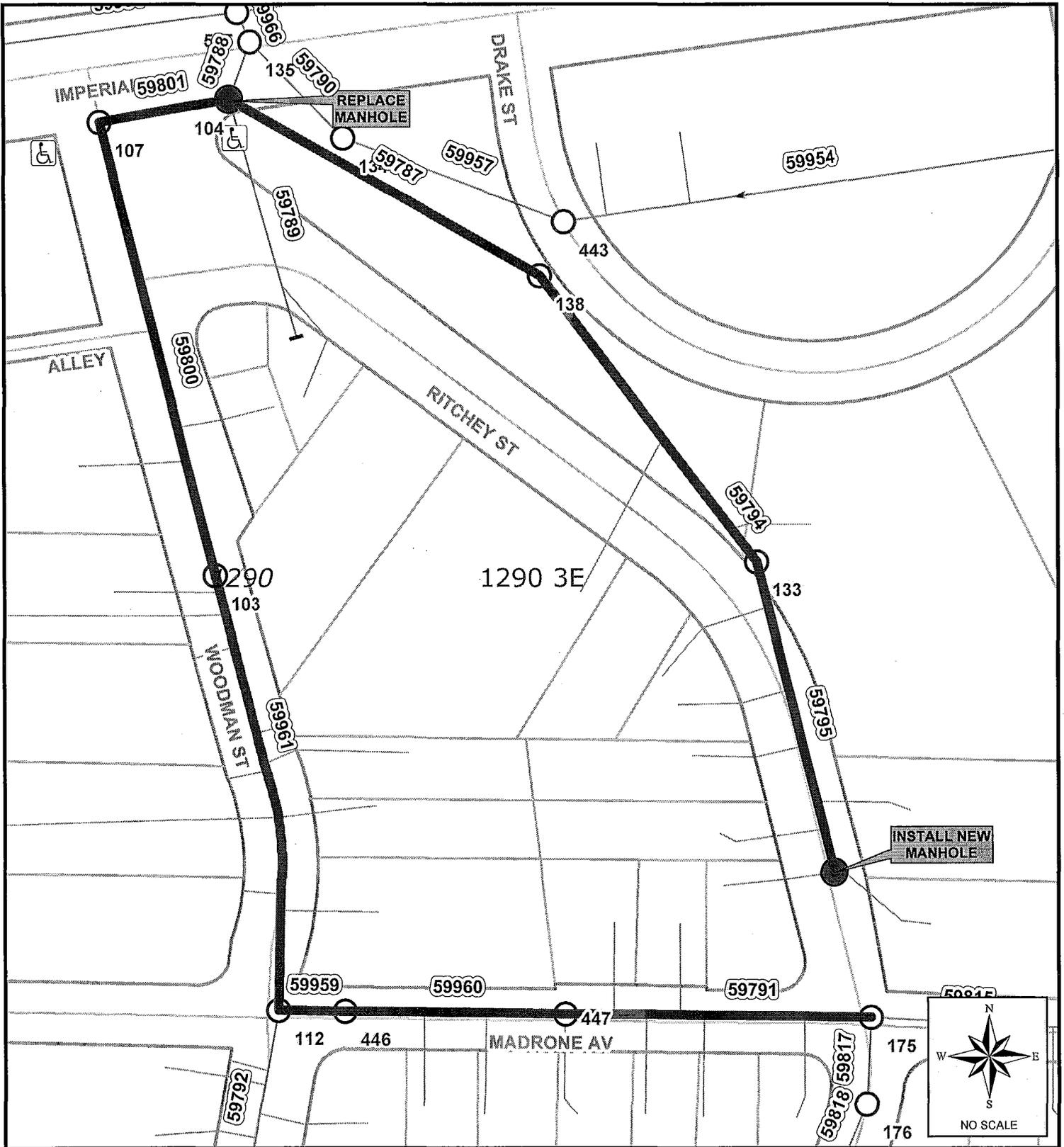
| | | | | | | | | | | | | | | | | | | | |
|---------|----|------|-----|------|-----|----------|-----|---|----|------|-------|----|--------------------|--------|------------|---------|---|--|----------------------|
| 63594 | 10 | M23S | 263 | M23S | 75 | 1/1/1959 | 291 | 8 | VC | 5.7 | 11.75 | 6 | REHAB | 1290F3 | LOS SONETO | SKYLINE | 4 | | |
| 63094 | 10 | M23S | 75 | M23S | 9 | 1/1/1959 | 250 | 8 | VC | 9.4 | 11.05 | 6 | REHAB | 1290F3 | LOS SONETO | SKYLINE | 4 | | |
| 63124 | 10 | M23S | 9 | M23S | 22 | 1/1/1959 | 250 | 8 | VC | 9.6 | 11.43 | 5 | REHAB | 1290F3 | LOS SONETO | SKYLINE | 4 | | |
| 63721 | 18 | M23S | 376 | M23S | 474 | 1/1/1959 | 284 | 8 | VC | 2.5 | 11.24 | 6 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 63719 | 17 | M23S | 474 | M23S | 374 | 1/1/1959 | 298 | 8 | VC | 3.9 | 19.89 | 5 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 63732 | 17 | M23S | 334 | M23S | 334 | 1/1/1959 | 120 | 8 | VC | 0.4 | 17.51 | 4 | REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | INSTALL NEW MANHOLE |
| 63727 | 17 | M23S | 334 | M23S | 374 | 1/1/1959 | 276 | 8 | VC | 0.4 | 21.77 | 1 | REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | |
| 63724 | 17 | M23S | 374 | M23S | 379 | 1/1/1959 | 140 | 8 | VC | 0.4 | 24.33 | 2 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 63725 | 17 | M23S | 379 | M23S | 471 | 1/1/1959 | 217 | 8 | VC | 2.4 | 16.34 | 5 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 63723 | 16 | M23S | 471 | M23S | 471 | 1/1/1959 | 87 | 8 | VC | 1.6 | 16.16 | 2 | REHAB | 1290F4 | TUTHER | SKYLINE | 4 | | INSTALL NEW MANHOLE |
| 63722 | 16 | M23S | 471 | M23S | 378 | 1/1/1959 | 264 | 8 | VC | 2 | 35.77 | 3 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 63754 | 18 | M23S | 32 | M23S | 31 | 1/1/1978 | 359 | 8 | VC | 0.4 | 22.81 | 8 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | |
| 63654 | 18 | M23S | 31 | M23S | 36 | 1/1/1959 | 176 | 8 | VC | 1.1 | 20.37 | 8 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | |
| 63622 | 17 | M23S | 36 | M23S | 252 | 1/1/1959 | 350 | 8 | VC | 0.9 | 24.6 | 10 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | |
| 63627 | 17 | M23S | 252 | M23S | 70 | 1/1/1959 | 189 | 8 | VC | 0.4 | 26.63 | 5 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | |
| 63614 | 17 | M23S | 70 | M23S | 68 | 1/1/1959 | 306 | 8 | VC | 0.4 | 28.13 | 9 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | |
| 63613 | 19 | M23S | 103 | M23S | 103 | 1/1/1959 | 145 | 8 | VC | 0.5 | 11.72 | 5 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | INSTALL NEW MANHOLE |
| 63615 | 19 | M23S | 103 | M23S | 68 | 1/1/1959 | 273 | 8 | VC | 3.2 | 28.13 | 6 | REHAB | 1290F4 | PETER PAN | SKYLINE | 4 | | |
| 63611 | 19 | M23S | 68 | M23S | 73 | 1/1/1959 | 134 | 8 | VC | 0.4 | 29.67 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | non row |
| 63601 | 19 | M23S | 73 | M23S | 72 | 1/1/1959 | 115 | 8 | VC | 0.4 | 30.29 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | non row |
| 63612 | 19 | M23S | 69 | M23S | 69 | 1/1/1959 | 108 | 8 | VC | 1.1 | 12.2 | 3 | REHAB | 1290F4 | BUCCANEER | SKYLINE | 4 | | INSTALL NEW MANHOLE |
| 63616 | 19 | M23S | 69 | M23S | 72 | 1/1/1959 | 336 | 8 | VC | 2.5 | 30.29 | 11 | REHAB | 1290F4 | BUCCANEER | SKYLINE | 4 | | |
| 63566 | 19 | M23S | 72 | M23S | 378 | 1/1/1959 | 165 | 8 | VC | 0.4 | 36.77 | 3 | REHAB | 1290F4 | BUCCANEER | SKYLINE | 4 | | |
| 63712 | 16 | M23S | 336 | M23S | 336 | 1/1/1959 | 89 | 8 | VC | 4.6 | 21.21 | 4 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | ADD CLEANOUT non row |
| 63711 | 16 | M23S | 336 | M23S | 331 | 1/1/1959 | 271 | 8 | VC | 5.3 | 19.95 | 5 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | BACKYARD non row |
| 63716 | 15 | M23S | 331 | M23S | 333 | 1/1/1959 | 331 | 8 | VC | 8.6 | 32.91 | 10 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | BACKYARD non row |
| 63734 | 15 | M23S | 333 | M23S | 518 | 1/1/1959 | 163 | 8 | VC | 0.8 | 32.97 | 1 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | SIDEYARD non row |
| 63736 | 15 | M23S | 518 | M23S | 517 | 1/1/1959 | 47 | 8 | VC | 2.3 | 29.51 | 0 | REHAB | 1290F4 | TUTHER | SKYLINE | 4 | | |
| 5528215 | 15 | M23S | 519 | M23S | 519 | 1/1/1959 | 47 | 8 | VC | 2 | 11.54 | 1 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | ADD CLEANOUT |
| 5528216 | 15 | M23S | 519 | M23S | 377 | 1/1/1959 | 125 | 8 | VC | 0.9 | 11.49 | 0 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | SIDEYARD non row |
| 63717 | 15 | M23S | 377 | M23S | 333 | 1/1/1959 | 36 | 8 | VC | 1.5 | 32.91 | 0 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | SIDEYARD non row |
| 63714 | 15 | M23S | 333 | M23S | 333 | 1/1/1959 | 75 | 8 | VC | 0.6 | 11.49 | 3 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | | ADD CLEANOUT non row |
| 63713 | 16 | M23S | 378 | M23S | 336 | 1/1/1959 | 126 | 8 | VC | 0.4 | 38.26 | 0 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | non row |
| 63730 | 13 | M23S | 349 | M23S | 349 | 1/1/1959 | 200 | 8 | VC | 9 | 15.81 | 6 | REHAB | 1290F4 | WELLING | SKYLINE | 4 | | INSTALL NEW MANHOLE |
| 63726 | 13 | M23S | 349 | M23S | 353 | 1/1/1959 | 296 | 8 | VC | 0.8 | 15.44 | 7 | REHAB | 1290F4 | BENSON | SKYLINE | 4 | | |
| 60246 | 13 | L23S | 353 | L23S | 90 | 1/1/1959 | 230 | 8 | VC | 1.5 | 15.96 | 7 | REHAB | 1290F4 | BENSON | SKYLINE | 4 | | |
| 60243 | 12 | L23S | 90 | L23S | 95 | 1/1/1959 | 313 | 8 | VC | 1.5 | 25.67 | 3 | REHAB | 1290F4 | BENSON | SKYLINE | 4 | | |
| 60030 | 5 | L23S | 163 | L23S | 162 | 1/1/1963 | 350 | 8 | VC | 3.2 | 12.81 | 0 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 60029 | 5 | L23S | 162 | L23S | 160 | 1/1/1959 | 238 | 8 | VC | 6.7 | 14.81 | 0 | REHAB | 1290F4 | SKYLINE | SKYLINE | 4 | | |
| 60241 | 5 | L23S | 160 | L23S | 91 | 1/1/1959 | 78 | 8 | VC | 1.6 | 15.08 | 0 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 60245 | 12 | L23S | 92 | L23S | 95 | 1/1/1959 | 283 | 8 | VC | 9 | 25.68 | 5 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 60244 | 12 | L23S | 95 | L23S | 83 | 1/1/1959 | 200 | 8 | VC | 6.5 | 28.52 | 4 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 60268 | 12 | L23S | 83 | L23S | 84 | 1/1/1959 | 66 | 8 | VC | 4 | 31.1 | 2 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 63578 | 14 | M23S | 325 | M23S | 340 | 1/1/1959 | 297 | 8 | VC | 0.9 | 11.87 | 8 | REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | |
| 63587 | 14 | M23S | 340 | M23S | 339 | 1/1/1959 | 329 | 8 | VC | 2 | 11.4 | 10 | REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | |
| 63588 | 14 | M23S | 339 | M23S | 341 | 1/1/1959 | 350 | 8 | VC | 7.9 | 11.52 | 7 | REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | |
| 63589 | 13 | M23S | 341 | M23S | 354 | 1/1/1959 | 308 | 8 | VC | 8.9 | 12.08 | 4 | POINT REPAIR/REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | |
| 63576 | 13 | L23S | 354 | L23S | 87 | 1/1/1959 | 150 | 8 | VC | 9.2 | 12.44 | 2 | REHAB | 1290F4 | SYCHAR | SKYLINE | 4 | | |
| 60270 | 6 | L23S | 88 | L23S | 104 | 1/1/1959 | 248 | 8 | VC | 8 | 28.85 | 6 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 60255 | 6 | L23S | 104 | L23S | 106 | 1/1/1958 | 326 | 8 | VC | 5.2 | 56.78 | 11 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 60256 | 6 | L23S | 106 | L23S | 105 | 1/1/1958 | 185 | 8 | VC | 0.4 | 59.43 | 7 | REHAB | 1290F4 | 69TH | SKYLINE | 4 | | |
| 59926 | 7 | L22S | 300 | L22S | 303 | 1/1/1958 | 20 | 8 | VC | 0.4 | 56.31 | 0 | REHAB | 1290E | 69TH | SKYLINE | 4 | | |
| 59928 | 7 | L22S | 303 | L22S | 304 | 1/1/1958 | 245 | 8 | VC | 1.1 | 55.95 | 6 | REHAB | 1290E | 69TH | SKYLINE | 4 | | |
| 59927 | 7 | L22S | 304 | L22S | 302 | 1/1/1958 | 139 | 8 | VC | 12.9 | 49.43 | 5 | REHAB | 1290E | 69TH | SKYLINE | 4 | | |
| 59921 | 7 | L22S | 302 | L22S | 294 | 1/1/1958 | 177 | 8 | VC | 1.7 | 52.55 | 2 | REHAB | 1290E | 69TH | SKYLINE | 4 | | |
| 59922 | 7 | L22S | 294 | L22S | 295 | 1/1/1958 | 147 | 8 | VC | 1.4 | 52.31 | 0 | REHAB | 1290E | 69TH | SKYLINE | 4 | | |

| | | | | | | | | | | | | | | | | | | | |
|-------|----|------|-----|------|-----|-----------|-----|----|----|------|--------|----|--------------------|--------|----------|---------|---|---------------------|---------|
| 63729 | 16 | M23S | 323 | M23S | 323 | 1/1/1959 | 88 | 8 | VC | 4 | 10.65 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | ADD CLEANOUT | non row |
| 63728 | 16 | M23S | 323 | M23S | 328 | 1/1/1959 | 154 | 8 | VC | 3.2 | 10.55 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 63737 | 16 | M23S | 328 | M23S | 329 | 1/1/1959 | 108 | 8 | VC | 6.5 | 10.73 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 63738 | 16 | M23S | 329 | M23S | 327 | 1/1/1959 | 169 | 8 | VC | 6.6 | 11.57 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 63739 | 15 | M23S | 327 | M23S | 350 | 1/1/1959 | 273 | 8 | VC | 2.5 | 11.33 | 3 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 63735 | 15 | M23S | 350 | M23S | 348 | 1/1/1959 | 83 | 8 | VC | 4 | 12.05 | 1 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 60253 | 15 | M23S | 348 | L23S | 129 | 1/1/1959 | 197 | 8 | VC | 2 | 11.57 | 2 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 60254 | 15 | L23S | 129 | L23S | 128 | 1/1/1959 | 164 | 8 | VC | 4.3 | 20.7 | 4 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 60240 | 12 | L23S | | L23S | 89 | 1/1/1959 | 256 | 8 | VC | 0.6 | 37.26 | 4 | REHAB | 1290F4 | EASEMENT | SKYLINE | 4 | BACKYARD | non row |
| 60239 | 12 | L23S | 89 | L23S | 92 | 1/1/1959 | 176 | 8 | VC | 2 | 28.49 | 3 | REHAB | 1290F4 | ELY | SKYLINE | 4 | | |
| 65780 | 31 | N22S | | N22S | 6 | 4/9/1954 | 150 | 8 | VC | 0.4 | 15.7 | 1 | POINT REPAIR/REHAB | 1290H2 | SKYLINE | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 65786 | 31 | N22S | | N22S | 6 | 4/9/1954 | 135 | 8 | VC | 0.8 | 14.63 | 2 | REHAB | 1290H2 | CARLISLE | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 65787 | 31 | N22S | 6 | N22S | 5 | 4/9/1954 | 230 | 8 | VC | 0.8 | 13.82 | 4 | REHAB | 1290H2 | CARLISLE | JAMACHA | 4 | | |
| 65809 | 31 | N22S | 5 | N22S | 24 | 4/9/1954 | 312 | 8 | VC | 1.8 | 14.09 | | REHAB | 1290H2 | CARLISLE | JAMACHA | 4 | | |
| 63072 | 31 | N22S | 24 | N22S | 159 | 4/1/1954 | 356 | 8 | VC | 3 | 16.31 | 7 | REHAB | 1290H2 | JUD | JAMACHA | 4 | | |
| 63071 | 31 | N22S | 159 | M22S | 152 | 4/1/1954 | 100 | 8 | VC | 1.4 | 16.76 | 3 | POINT REPAIR/REHAB | 1290H2 | JUD | JAMACHA | 4 | | |
| 63083 | 31 | M22S | 152 | M22S | 151 | 4/1/1954 | 188 | 8 | VC | 1.4 | 16.47 | 3 | REHAB | 1290H2 | JUD | JAMACHA | 4 | | |
| 65805 | 31 | M22S | | M22S | 151 | 4/1/1954 | 220 | 8 | VC | 5 | 14.73 | 7 | REHAB | 1290H2 | SOLANA | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63084 | 30 | M22S | 151 | M22S | 155 | 4/1/1954 | 223 | 8 | VC | 5.7 | 15.29 | 6 | REHAB | 1290H2 | SOLANA | JAMACHA | 4 | | |
| 63087 | 30 | M22S | 155 | M22S | 154 | 4/1/1954 | 220 | 8 | VC | 5.7 | 16.08 | 8 | POINT REPAIR/REHAB | 1290H2 | SOLANA | JAMACHA | 4 | | |
| 63078 | 30 | M22S | 154 | M22S | 170 | 4/1/1954 | 350 | 8 | VC | 5.7 | 15.99 | 12 | REHAB | 1290H2 | SOLANA | JAMACHA | 4 | | |
| 63189 | 29 | M22S | 170 | M22S | 99 | 4/1/1954 | 350 | 8 | VC | 7.5 | 44.27 | 10 | REHAB | 1290H2 | SOLANA | JAMACHA | 4 | | |
| 63086 | 28 | M22S | | M22S | 167 | 4/1/1954 | 135 | 8 | VC | 2.8 | 13.16 | 7 | POINT REPAIR/REHAB | 1290H2 | HELM | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63069 | 28 | M22S | 167 | M22S | 100 | 4/1/1954 | 350 | 8 | VC | 2.8 | 29.66 | 10 | REHAB | 1290H2 | HELM | JAMACHA | 4 | | |
| 63085 | 28 | M22S | | M22S | 168 | 4/1/1954 | 160 | 8 | VC | 1.6 | 14.43 | 6 | REHAB | 1290H2 | DODIE | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63079 | 28 | M22S | 168 | M22S | 150 | 4/1/1954 | 350 | 8 | VC | 1.6 | 29.46 | 10 | POINT REPAIR/REHAB | 1290H2 | DODIE | JAMACHA | 4 | | |
| 63025 | 27 | M22S | | M22S | 29 | 1/1/1956 | 95 | 8 | VC | 4 | 11.58 | 6 | REHAB | 1290H2 | BRENNAN | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63024 | 27 | M21S | 29 | M21S | 19 | 1/1/1956 | 100 | 8 | VC | 2.4 | 12.26 | 3 | REHAB | 1290H2 | BRENNAN | JAMACHA | 4 | | |
| 63023 | 27 | M21S | 19 | M22S | 160 | 1/1/1956 | 169 | 8 | VC | 2.4 | 12.63 | 4 | REHAB | 1290H2 | BRENNAN | JAMACHA | 4 | | |
| 63070 | 27 | M22S | 160 | M22S | 157 | 1/1/1956 | 127 | 8 | VC | 2.4 | 15.87 | 2 | REHAB | 1290H2 | BRENNAN | JAMACHA | 4 | | |
| 63040 | 27 | M22S | 12 | M22S | 30 | 1/1/1956 | 300 | 8 | VC | 2.3 | 20.34 | 9 | REHAB | 1290H2 | BRADDOCK | JAMACHA | 4 | | |
| 63038 | 27 | M22S | 30 | M22S | 157 | 1/1/1956 | 157 | 8 | VC | 6.4 | 15.87 | 4 | REHAB | 1290H2 | BRADDOCK | JAMACHA | 4 | | |
| 63076 | 28 | M22S | 157 | M22S | 156 | 1/1/1956 | 311 | 8 | VC | 14.7 | 35.09 | 6 | REHAB | 1290H2 | BRADDOCK | JAMACHA | 4 | | |
| 63074 | 28 | M22S | 156 | M22S | 150 | 4/9/1954 | 234 | 8 | VC | 0.5 | 34.43 | 9 | POINT REPAIR/REHAB | 1290G2 | KOE | JAMACHA | 4 | | |
| 63075 | 28 | M22S | 150 | M22S | 97 | 4/1/1954 | 164 | 8 | VC | 1.4 | 37.52 | 9 | POINT REPAIR/REHAB | 1290G2 | KOE | JAMACHA | 4 | | |
| 63073 | 28 | M22S | 97 | M22S | 100 | 4/1/1954 | 250 | 8 | VC | 0.6 | 36.38 | 14 | POINT REPAIR/REHAB | 1290G2 | KOE | JAMACHA | 4 | | |
| 63188 | 29 | M22S | 98 | M22S | 99 | 4/9/1954 | 279 | 8 | VC | 8 | 44.27 | 5 | REHAB | 1290G2 | GLENCOE | JAMACHA | 4 | | |
| 63185 | 29 | M22S | 99 | M22S | 107 | 4/9/1954 | 299 | 8 | VC | 0.8 | 300.57 | 4 | REHAB | 1290G2 | GLENCOE | JAMACHA | 4 | | |
| 63193 | 29 | M22S | 107 | M22S | 104 | 4/9/1954 | 156 | 10 | VC | 1.6 | 434.99 | 1 | REHAB | 1290G2 | JAMACHA | JAMACHA | 4 | | |
| 65810 | 31 | N22S | | N22S | 23 | 4/9/1954 | 220 | 8 | VC | 1.5 | 11.45 | 12 | REHAB | 1290H2 | CAR | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 65807 | 31 | M22S | 23 | M22S | 21 | 4/9/1954 | 230 | 8 | VC | 5.5 | 12.03 | 4 | REHAB | 1290H2 | CAR | JAMACHA | 4 | | |
| 65785 | 31 | M22S | 21 | M22S | 162 | 4/9/1954 | 306 | 8 | VC | 5.3 | 12.72 | 7 | REHAB | 1290H2 | JAMACHA | JAMACHA | 4 | | |
| 63080 | 30 | M22S | 162 | M22S | 163 | 4/9/1954 | 300 | 8 | VC | 5.6 | 13.54 | 10 | REHAB | 1290H2 | JAMACHA | JAMACHA | 4 | | |
| 63081 | 30 | M22S | 163 | M22S | 169 | 4/9/1954 | 341 | 8 | VC | 5 | 13.85 | 13 | REHAB | 1290H2 | JAMACHA | JAMACHA | 4 | | |
| 63082 | 29 | M22S | 169 | M22S | 106 | 4/1/1954 | 280 | 8 | VC | 6.5 | 59.97 | 10 | REHAB | 1290H2 | JAMACHA | JAMACHA | 4 | | |
| 59795 | 1 | L22S | | L22S | 133 | 4/25/1946 | 281 | 6 | VC | 4.9 | 7.77 | 5 | REHAB | 1290E | RITCHEY | SKYLINE | 4 | INSTALL NEW MANHOLE | |
| 59794 | 1 | L22S | 133 | L22S | 138 | 4/25/1946 | 282 | 6 | VC | 19.6 | 7.48 | 3 | REHAB | 1290E | NON-ROW | SKYLINE | 4 | CITY PARK | non row |
| 59787 | 1 | L22S | 138 | L22S | | 4/25/1946 | 285 | 6 | VC | 3.2 | 11.51 | 1 | REHAB | 1290E | NON-ROW | SKYLINE | 4 | CITY PARK | non row |
| 60242 | 4 | L23S | 176 | L23S | 94 | 1/1/1962 | 383 | 8 | VC | 1 | 11.85 | 4 | REHAB | 1290E | BENSON | SKYLINE | 4 | | |
| 60265 | 4 | L23S | 94 | L23S | 109 | 1/1/1962 | 141 | 8 | VC | 4.2 | 12.26 | 2 | REHAB | 1290E | REXVIEW | SKYLINE | 4 | | |
| 60247 | 4 | L23S | 109 | L23S | 108 | 1/1/1962 | 310 | 8 | VC | 7.1 | 12.8 | 9 | REHAB | 1290E | REXVIEW | SKYLINE | 4 | | |
| 60264 | 3 | L23S | 108 | L23S | 107 | 1/1/1962 | 324 | 8 | VC | 7.6 | 14.79 | 9 | REHAB | 1290E | REXVIEW | SKYLINE | 4 | | |
| 60261 | 3 | L23S | 107 | L23S | 98 | 1/1/1962 | 320 | 8 | VC | 3 | 14.06 | 12 | REHAB | 1290E | REXVIEW | SKYLINE | 4 | | |

| | | | | | | | | | | | | | | | | | | | |
|---------|----|------|------|------|-----|----------|-----|---|----|------|-------|----|---------|--------|----------|---------|---|---------------------|---------|
| 60262 | 3 | L235 | 98 | L235 | 298 | 1/1/1962 | 300 | 8 | VC | 6.3 | 20.13 | 9 | REHAB | 1290E | REXVIEW | SKYLINE | 4 | | |
| 63200 | 24 | M22S | PLUG | M22S | 110 | 1/1/1959 | 120 | 8 | VC | 1.8 | 6.85 | 5 | REHAB | 1290G2 | VICTORIA | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63201 | 24 | M22S | 110 | M22S | 118 | 1/1/1959 | 181 | 8 | VC | 4.5 | 6.12 | 3 | REHAB | 1290G2 | HARLAN | JAMACHA | 4 | | |
| 63197 | 24 | M22S | PLUG | M22S | 118 | 1/1/1959 | 120 | 8 | VC | 8.5 | 4.89 | 1 | REHAB | 1290G2 | HARLAN | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63198 | 24 | M22S | 118 | M22S | 116 | 1/1/1959 | 109 | 8 | VC | 3.7 | 9.23 | 3 | REHAB | 1290G2 | HARLAN | JAMACHA | 4 | | |
| 63203 | 24 | M22S | 116 | M22S | 114 | 1/1/1959 | 166 | 8 | VC | 5.4 | 8.77 | 2 | REHAB | 1290G2 | HARLAN | JAMACHA | 4 | | |
| 60233 | 2 | L23S | 183 | L23S | 184 | 7/1/1952 | 137 | 8 | VC | 19.7 | 4.9 | 3 | REHAB | 1290E | BENSON | SKYLINE | 4 | | NON FOW |
| 60236 | 2 | L23S | 184 | L23S | 182 | 7/1/1952 | 115 | 8 | VC | 30.4 | 4.81 | 0 | REHAB | 1290E | BENSON | SKYLINE | 4 | | NON FOW |
| 60235 | 2 | L23S | 182 | L23S | 149 | 7/1/1952 | 193 | 8 | VC | 11.4 | 6.5 | 2 | REHAB | 1290E | BENSON | SKYLINE | 4 | | |
| 60232 | 2 | L23S | PLUG | L23S | 148 | 7/1/1952 | 160 | 8 | VC | 0.4 | 6.82 | 5 | REHAB | 1290E | RITCHEY | SKYLINE | 4 | INSTALL NEW MANHOLE | |
| 60229 | 2 | L23S | 149 | L23S | 147 | 7/1/1952 | 246 | 8 | VC | 12.4 | 8.39 | 6 | REHAB | 1290E | BENSON | SKYLINE | 4 | | |
| 60202 | 2 | L23S | 130 | L23S | 147 | 7/1/1952 | 179 | 8 | VC | 3 | 21.86 | 4 | REHAB | 1290E | BENSON | SKYLINE | 4 | | |
| 5462626 | 2 | L23S | 489 | L23S | 150 | 6/8/1956 | 260 | 8 | VC | # | # | 0 | REHAB | 1290E | EASEMENT | SKYLINE | 4 | | NON FOW |
| 59791 | 1 | L22S | 175 | L22S | 447 | 1/1/1974 | 244 | 8 | VC | 10.5 | 10.6 | 5 | REHAB | 1290E | MADRONE | SKYLINE | 4 | | |
| 59960 | 1 | L22S | 447 | L22S | 446 | 1/1/1974 | 176 | 8 | VC | 15 | 9.86 | 3 | REHAB | 1290E | MADRONE | SKYLINE | 4 | | |
| 59959 | 1 | L22S | 446 | L22S | 112 | 1/1/1974 | 53 | 8 | VC | 6.2 | 12.19 | 0 | REHAB | 1290E | MADRONE | SKYLINE | 4 | | |
| 59961 | 1 | L22S | 112 | L22S | 103 | 7/1/1952 | 360 | 8 | VC | 5.3 | 30 | 11 | REHAB | 1290E | WOODMAN | SKYLINE | 4 | | |
| 59800 | 1 | L22S | 103 | L22S | 107 | 7/1/1952 | 369 | 8 | VC | 5.4 | 29 | 2 | REHAB | 1290E | WOODMAN | SKYLINE | 4 | | |
| 59801 | 1 | L22S | 107 | L22S | 104 | 7/1/1952 | 82 | 8 | VC | 6.8 | 36 | 0 | REHAB | 1290E | IMPERIAL | SKYLINE | 4 | | |
| 63022 | 27 | M21S | PLUG | M21S | 11 | 1/1/1957 | 200 | 8 | VC | 0.4 | 27.24 | 5 | REHAB | 1290H2 | BRADDOCK | JAMACHA | 4 | INSTALL NEW MANHOLE | |
| 63020 | 27 | M21S | 11 | M21S | 12 | 1/1/1957 | 287 | 8 | VC | 0.4 | 28.64 | 6 | REHAB | 1290H2 | BRADDOCK | JAMACHA | 4 | | |
| 63039 | 27 | M21S | 10 | M21S | 12 | 1/1/1957 | 265 | 8 | VC | 2.6 | 20.37 | 8 | REHAB | 1290H2 | BRADDOCK | JAMACHA | 4 | | |
| 63125 | 10 | M22S | 21 | M22S | 22 | 1/1/1959 | 168 | 8 | VC | 8.2 | 8.77 | 2 | REHAB | 1290F3 | JACMAR | SKYLINE | 4 | | |
| 60267 | 2 | L23S | PLUG | L23S | 83 | 1/1/1959 | 150 | 8 | VC | 8.4 | 0 | 0 | ABANDON | 1290E | BENSON | SKYLINE | 4 | ABANDON | |

Total Footage: 40,279
Total Mileage: 7.63
889

| | |
|--|--------------------------|
| | Replace Manholes: 3 |
| | Rehab Manholes: 21 |
| | Repair Manholes: 14 |
| | Install Cleanouts: 4 |
| | Install New Manholes: 19 |
| | WWC Referral |
| | Abandon Main |



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 05-14-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

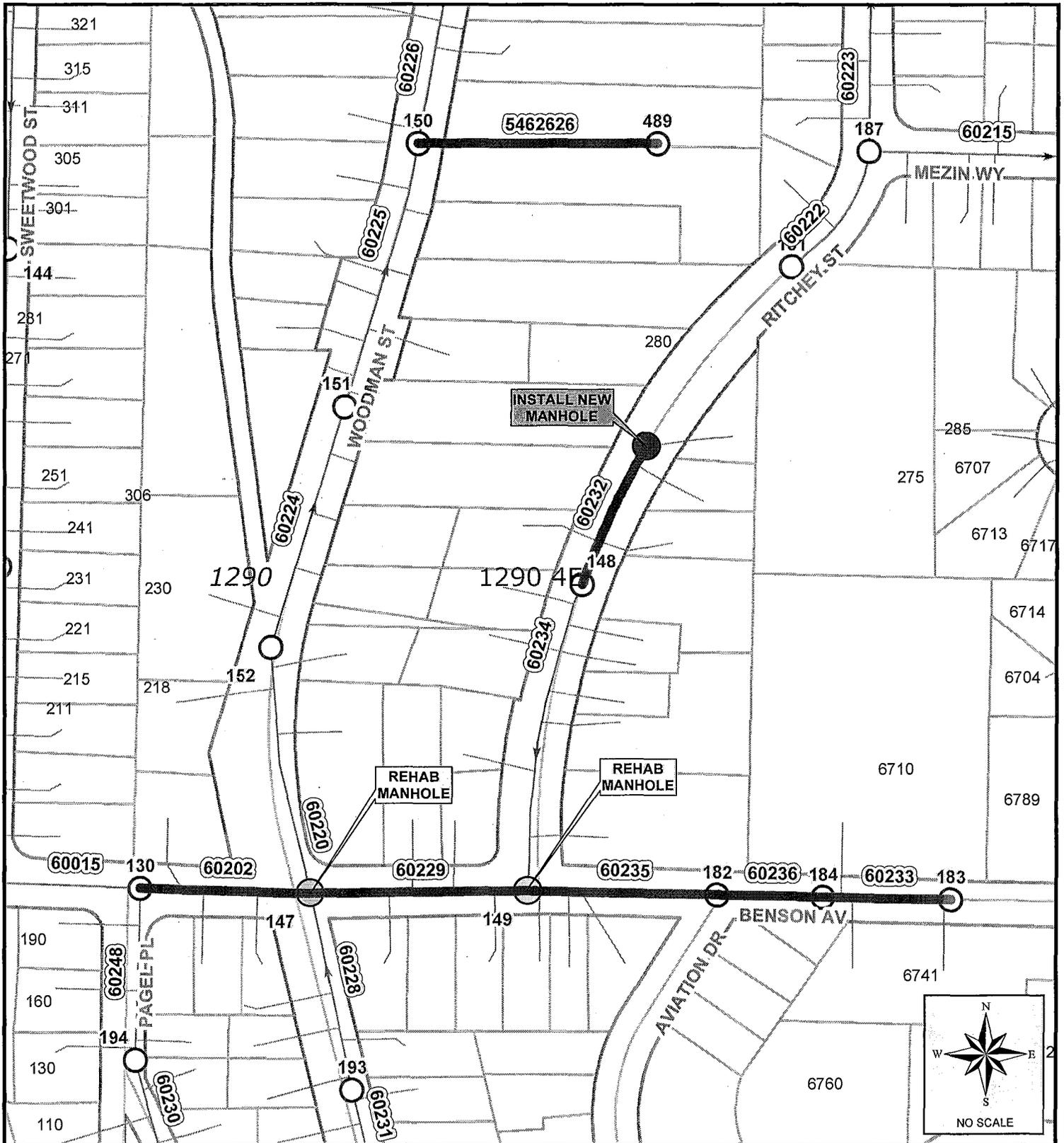
| Legend | |
|--------|-------------------------------|
| | Rehab Main |
| | Replace Manhole |
| | Install New Manhole |
| | Ex Curb Ramp with DWT |
| | FSN: Facility Sequence Number |
| | Manhole ID |
| | Existing manhole & sewer main |

Thomas Brothers Page:
1290-E3
 Field Book Page:
L22S

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Overall Project Scope of Work Table and Site Maps
FSN: 59791, 59960, 59959, 59961, 59800, 59801, 59787, 59794, 59795

SHEET NO. 01



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

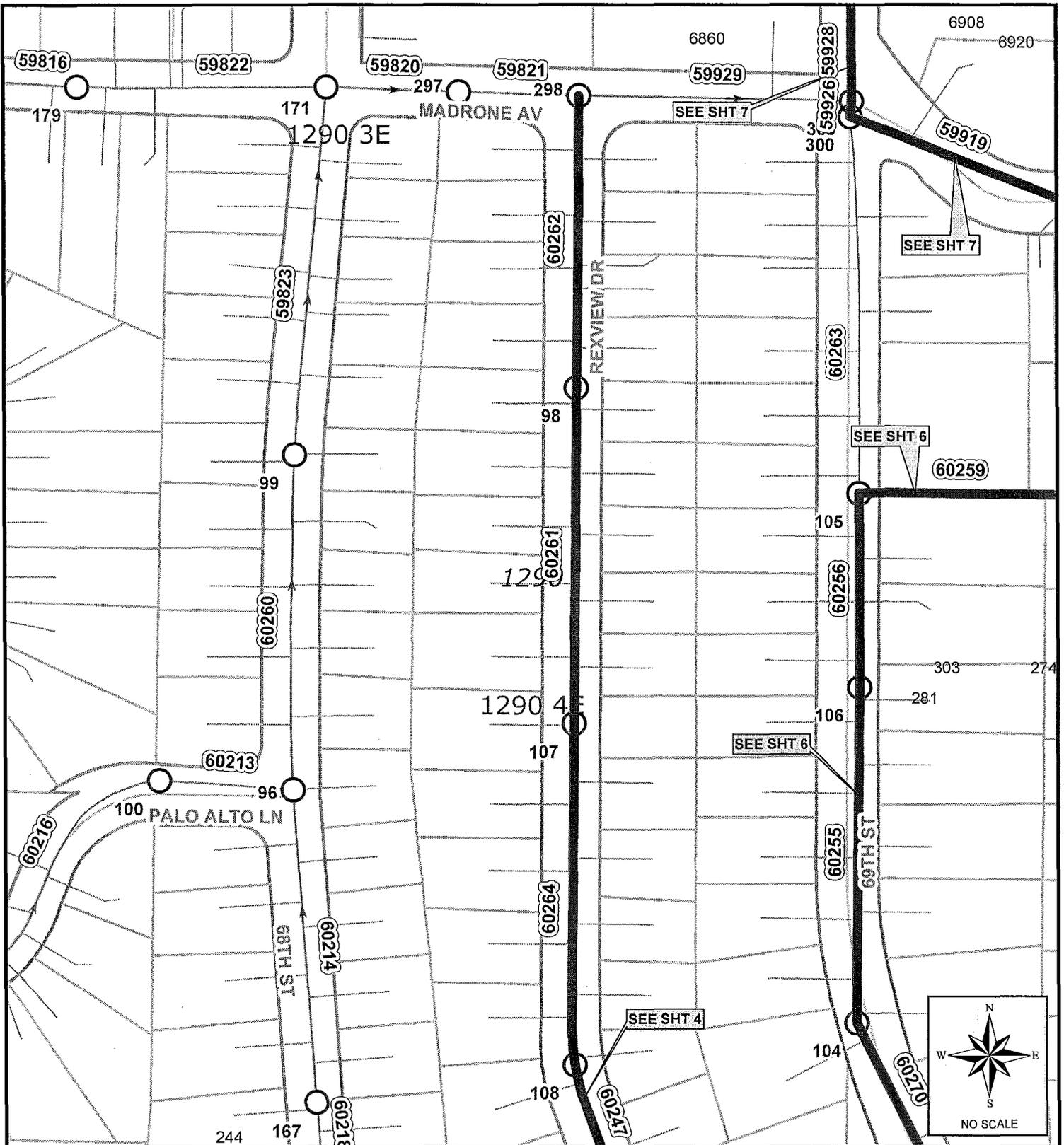
- Legend**
- Rehab Main
 - Rehab Manhole
 - Install New Manhole

- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

Thomas Brothers Page:
1290-E4
 Field Book Page:
L23S

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 5462626, 60232, 60202, 60229, 60235, 60236, 60233

SHEET NO. 02



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK

DRAFTER:
 CREZ KING

Legend

Rehab Main

FSN: Facility Sequence Number

333 Manhole ID

Existing manhole & sewer main

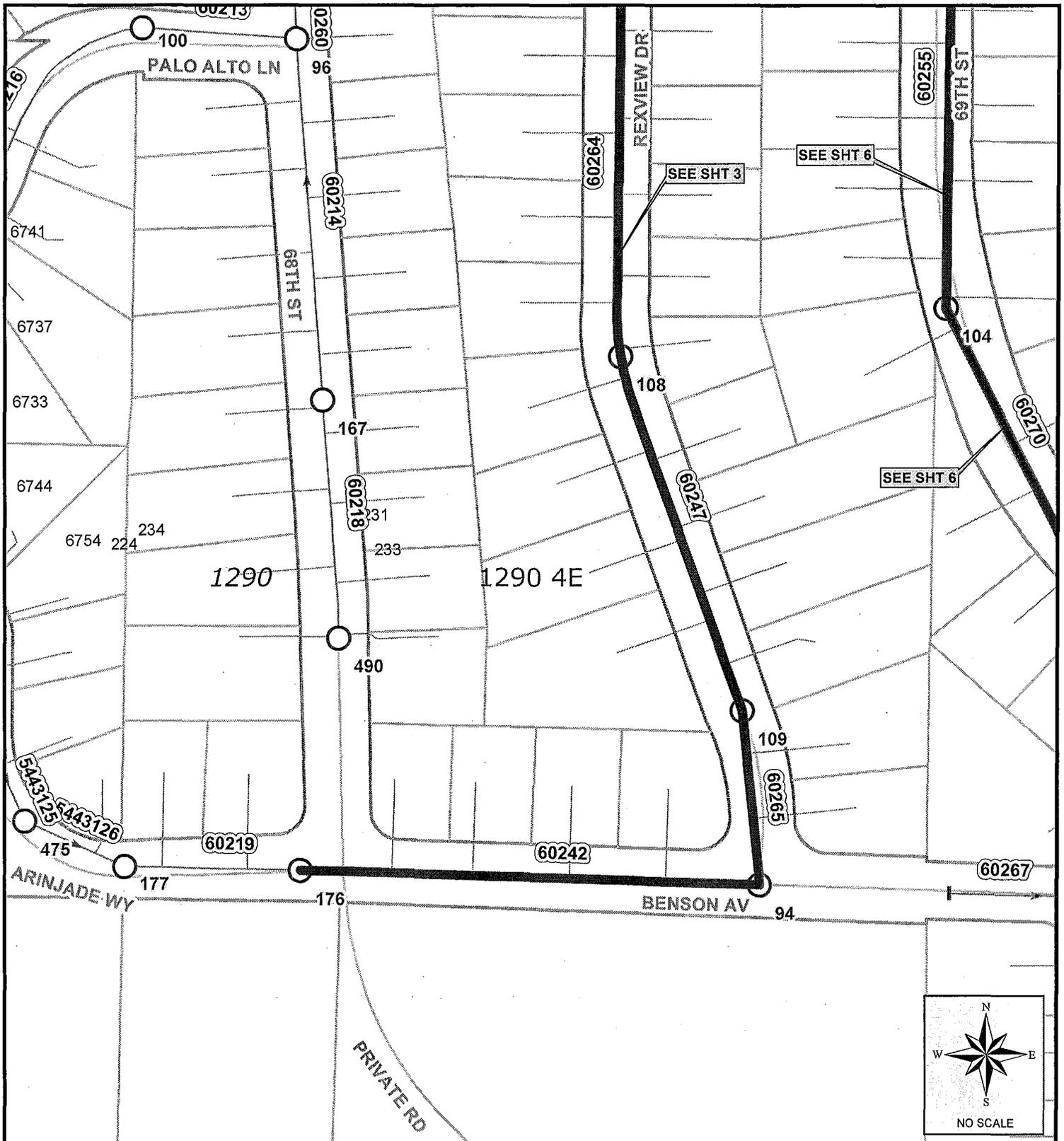
Thomas Brothers Page:
1290-E4

Field Book Page:
L23S

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Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 60262, 60261, 60264

SHEET NO. 03



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

Legend

Rehab Main

66665

FSN: Facility Sequence Number

333

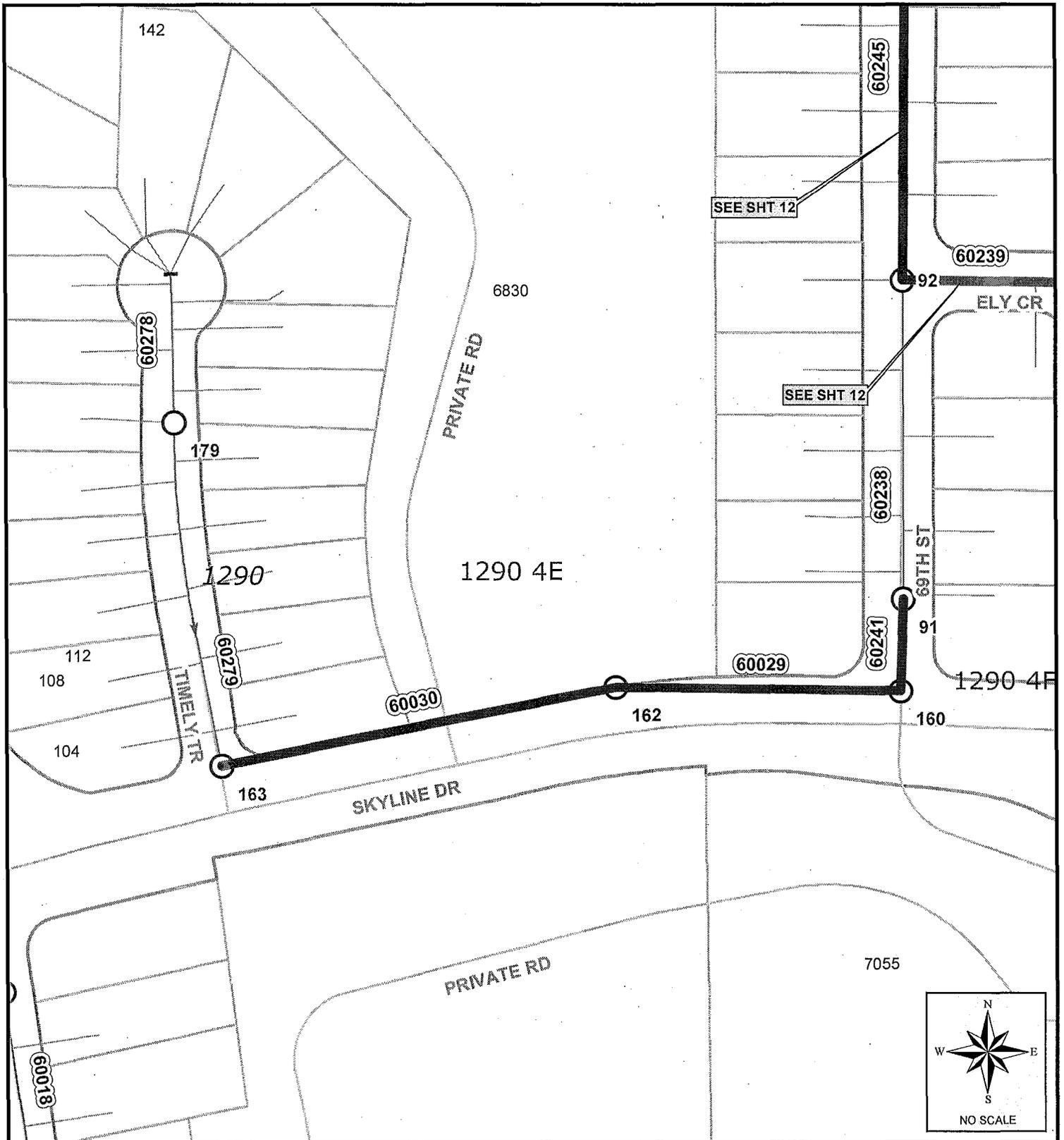
Manhole ID

○

Existing manhole & sewer main

Thomas Brothers Page:
1290-E4

Field Book Page:
L23S



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

Legend

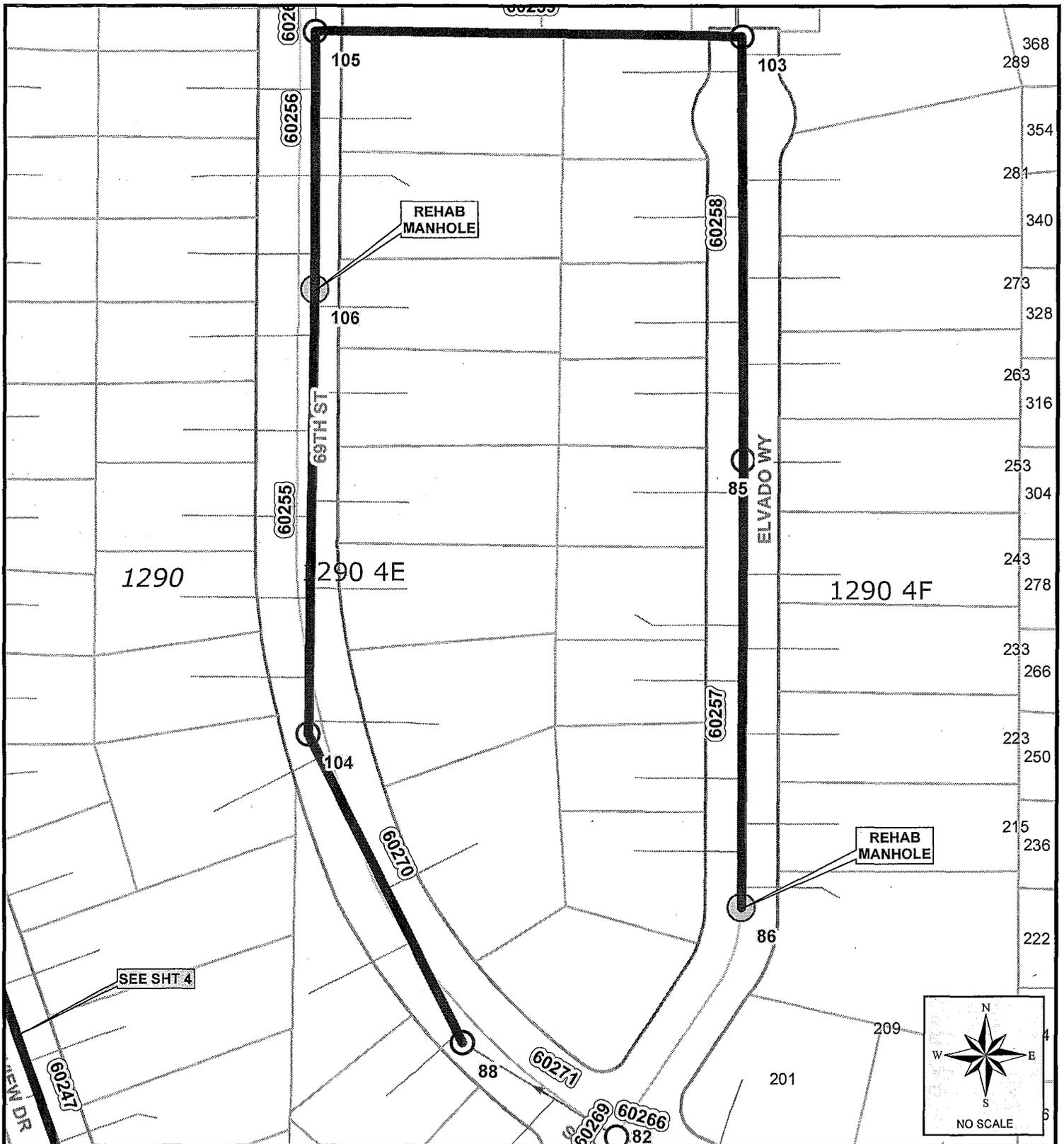
- Rehab Main
- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

Thomas Brothers Page:
1290-E4
 Field Book Page:
L23S

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SHEET NO. 05

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 60030, 60029, 60241



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

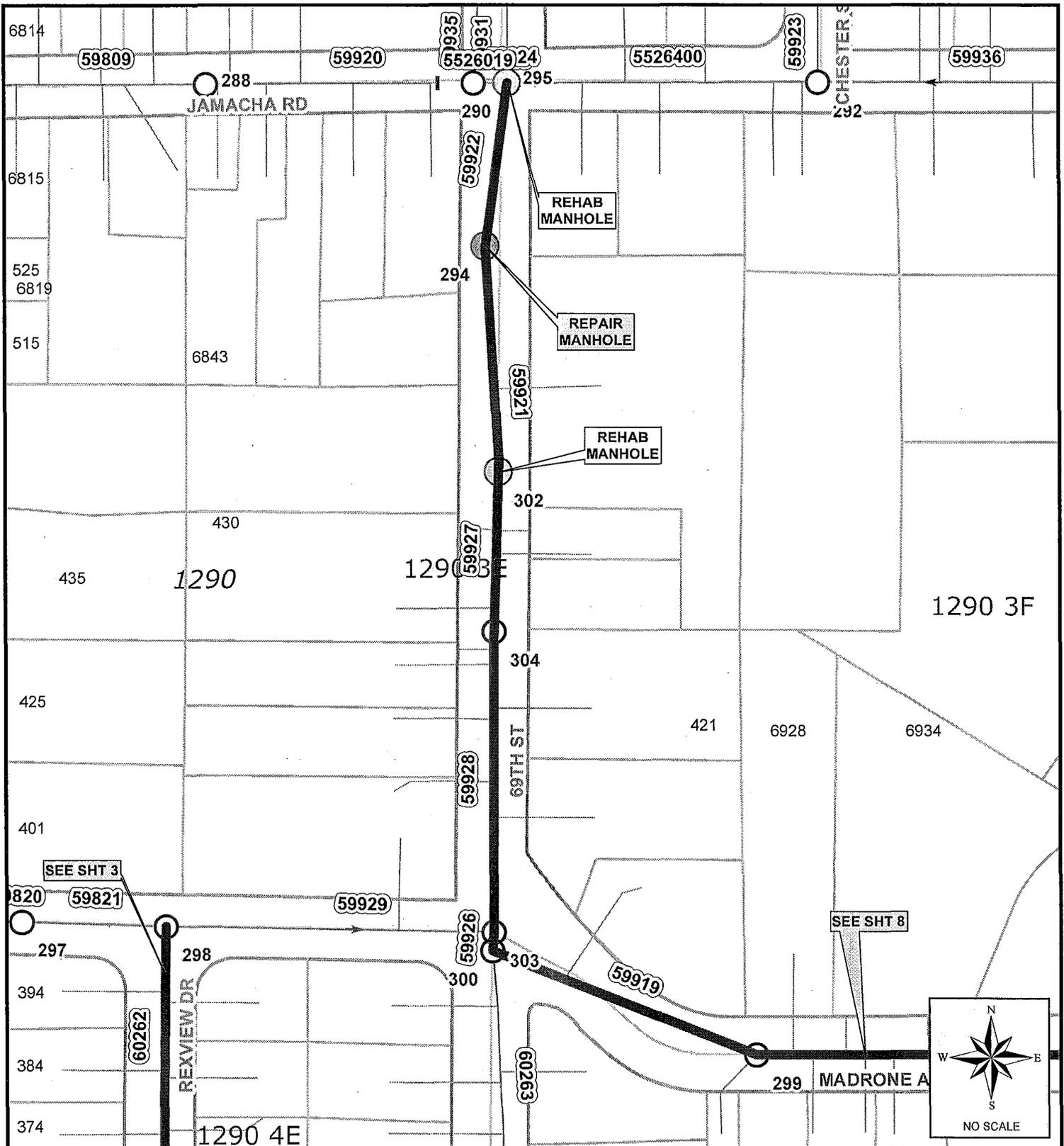
SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

- Legend**
- Rehab Main
 - Rehab Manhole
 - Existing manhole & sewer main
 - FSN: Facility Sequence Number
 - Manhole ID

Thomas Brothers Page:
1290-E4, F4
 Field Book Page:
L23S

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 60270, 60255, 60256, 60259, 60258, 60257

SHEET NO. 06



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK

DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

Legend

- Rehab Main
- Rehab Manhole
- Repair Manhole
- Existing manhole & sewer main
- FSN: Facility Sequence Number
- Manhole ID

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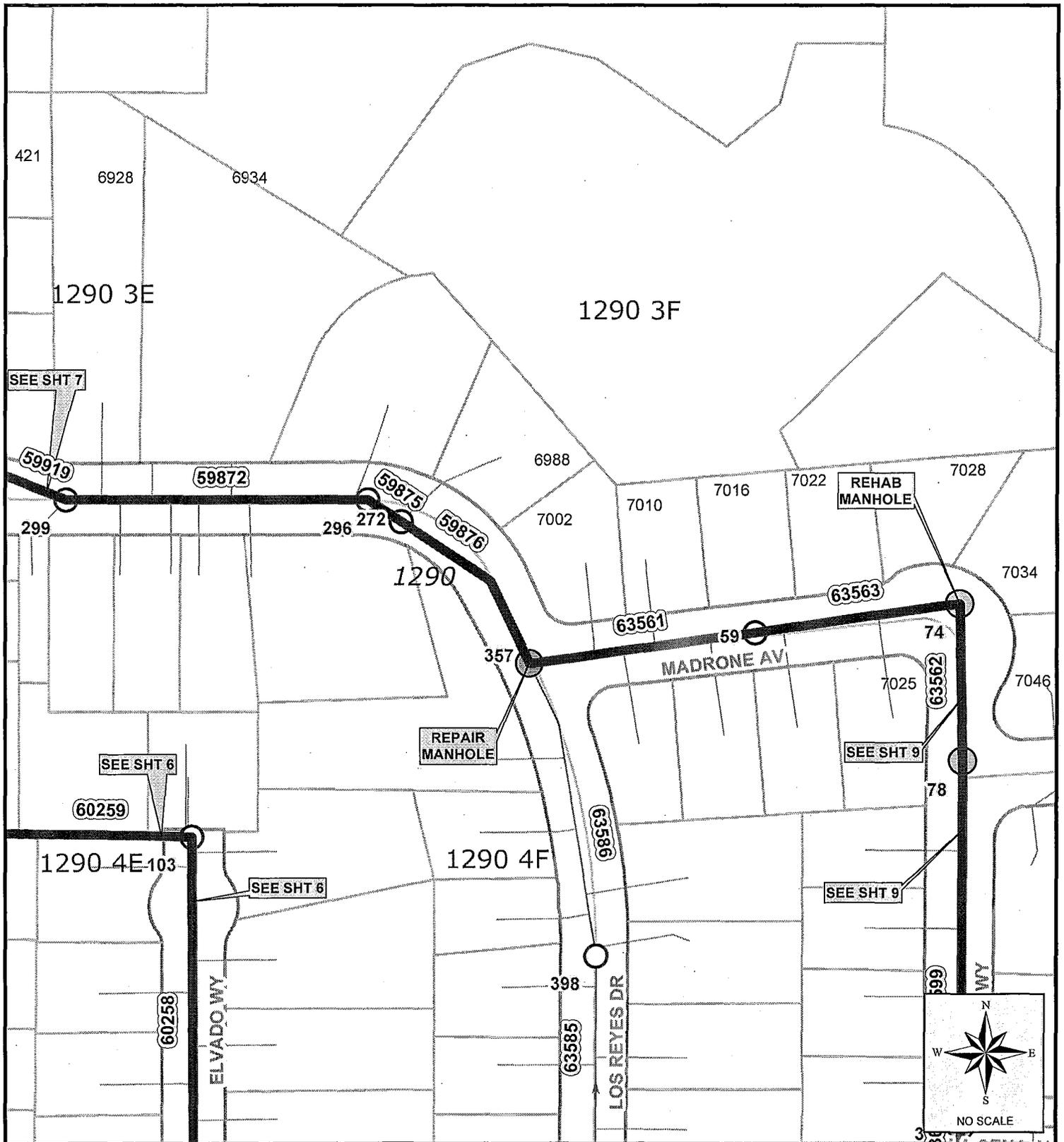
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 Date: 01-28-2015

Thomas Brothers Page:
1290-E3

Field Book Page:
L22S

SHEET NO. 07

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 59922, 59921, 59927, 59928, 59926, 59919



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
BIJAN SHAKIBA
 PROJECT ENGINEER:
VAL POLYAK
 DRAFTER:
CREZ KING

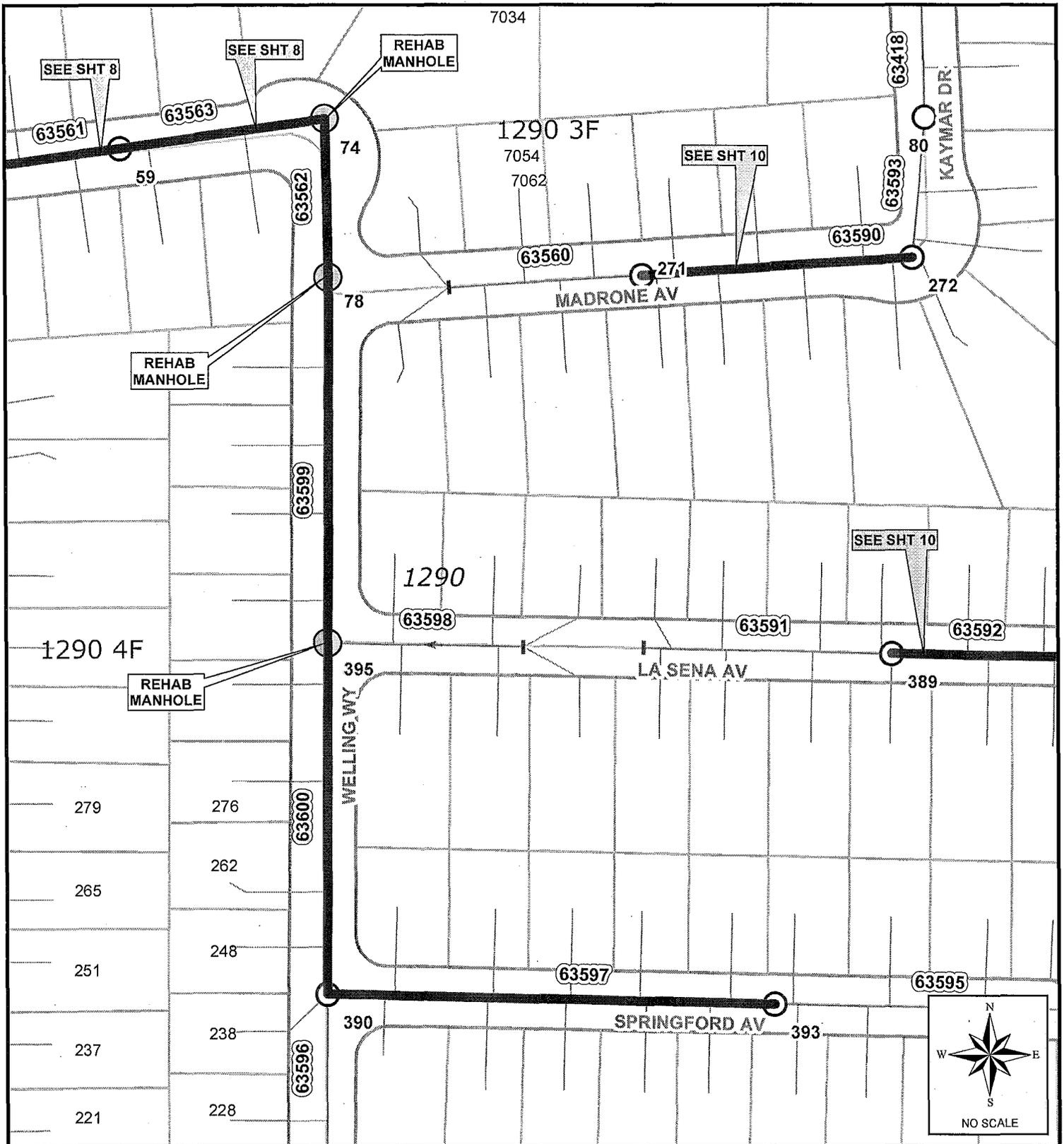
- Legend**
- Rehab Main
 - Repair Manhole
 - Rehab Manhole

- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

Thomas Brothers Page:
1290-E3, F3
 Field Book Page:
L22S, M23S

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 59872, 59875, 59876, 53561, 63563

SHEET NO. 08



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
BIJAN SHAKIBA
 PROJECT ENGINEER:
VAL POLYAK
 DRAFTER:
CREZ KING

Legend

- Rehab Main
- Rehab Manhole
- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

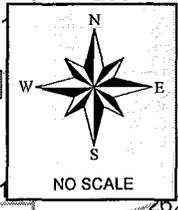
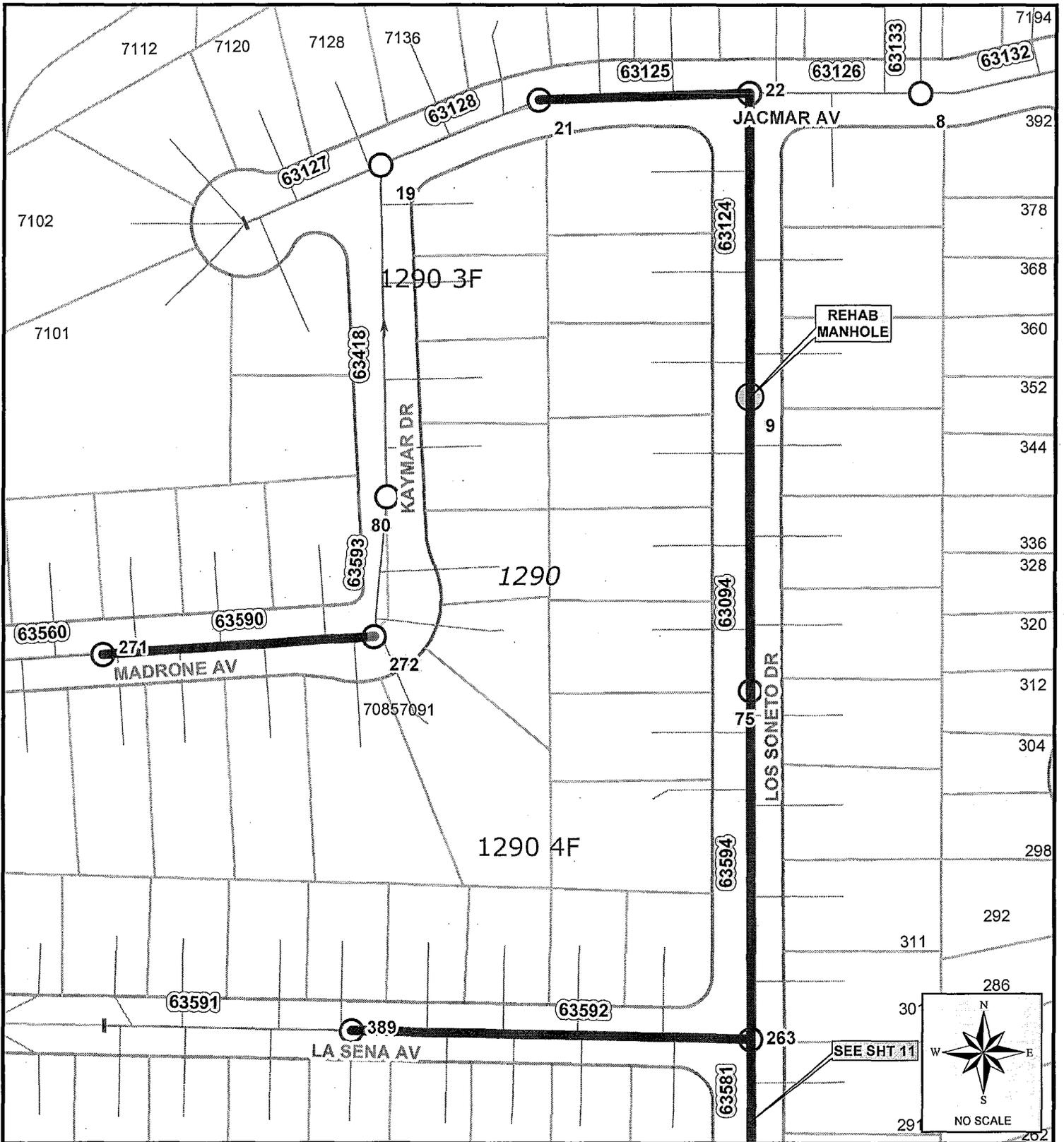
Thomas Brothers Page:
1290-F4

Field Book Page:
M23S

109 | Page

SHEET NO. 09

Appendix H - Overall Project Scope of Work, Table and Site Maps
FSN: 63562, 63599, 63600, 63597



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK

DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

Legend

- Rehab Main
- Rehab Manhole
- FSN: Facility Sequence Number
- 333 Manhole ID
- Existing manhole & sewer main

110 | Page

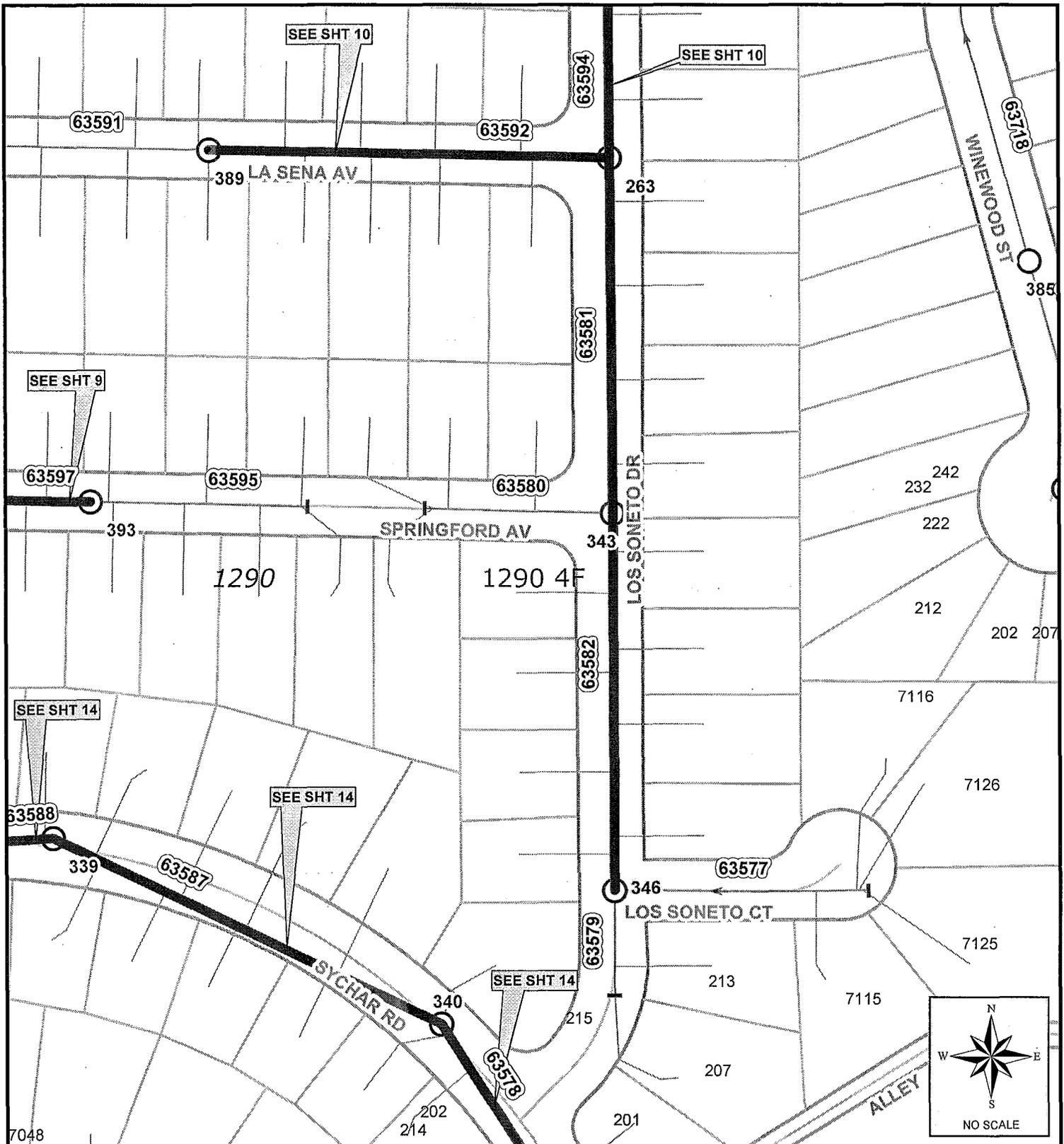
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 Date: 01-28-2015

Thomas Brothers Page:
1290-F3, F4

Field Book Page:
M22S, M23S

SHEET NO. 10

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 63590, 63125, 63124, 63094, 63594, 63592



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

Legend

Rehab Main

FSN: Facility Sequence Number

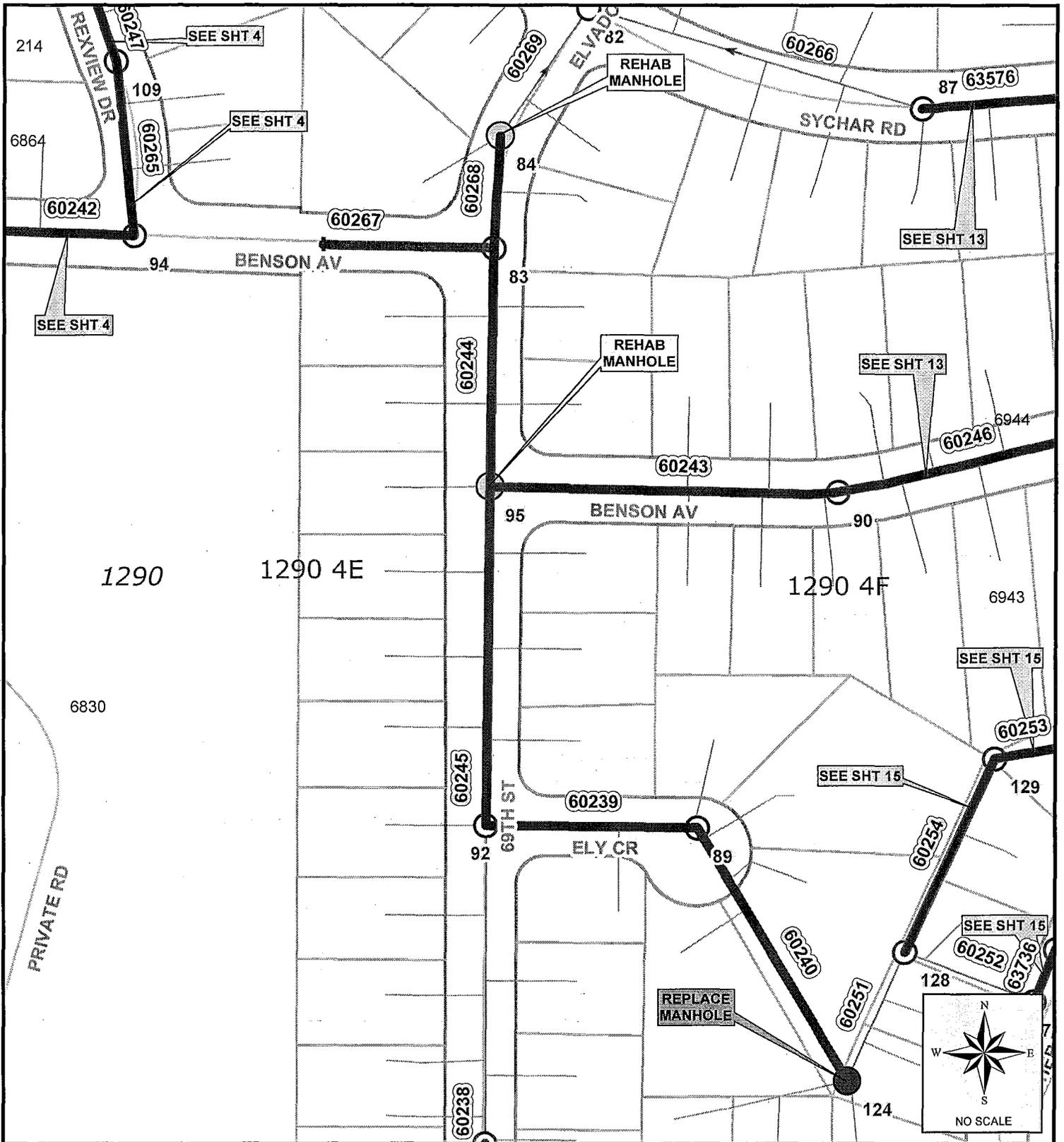
Manhole ID

Existing manhole & sewer main

Thomas Brothers Page:
1290-F4

Field Book Page:
M23S

SHEET NO. 11



CITY OF SAN DIEGO
PUBLICWORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
BIJAN SHAKIBA

PROJECT ENGINEER:
VAL POLYAK
 DRAFTER:
CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE

COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 05-11-2015

Legend

- Rehab Main
- Abandon Main
- Rehab Manhole

Replace Manhole

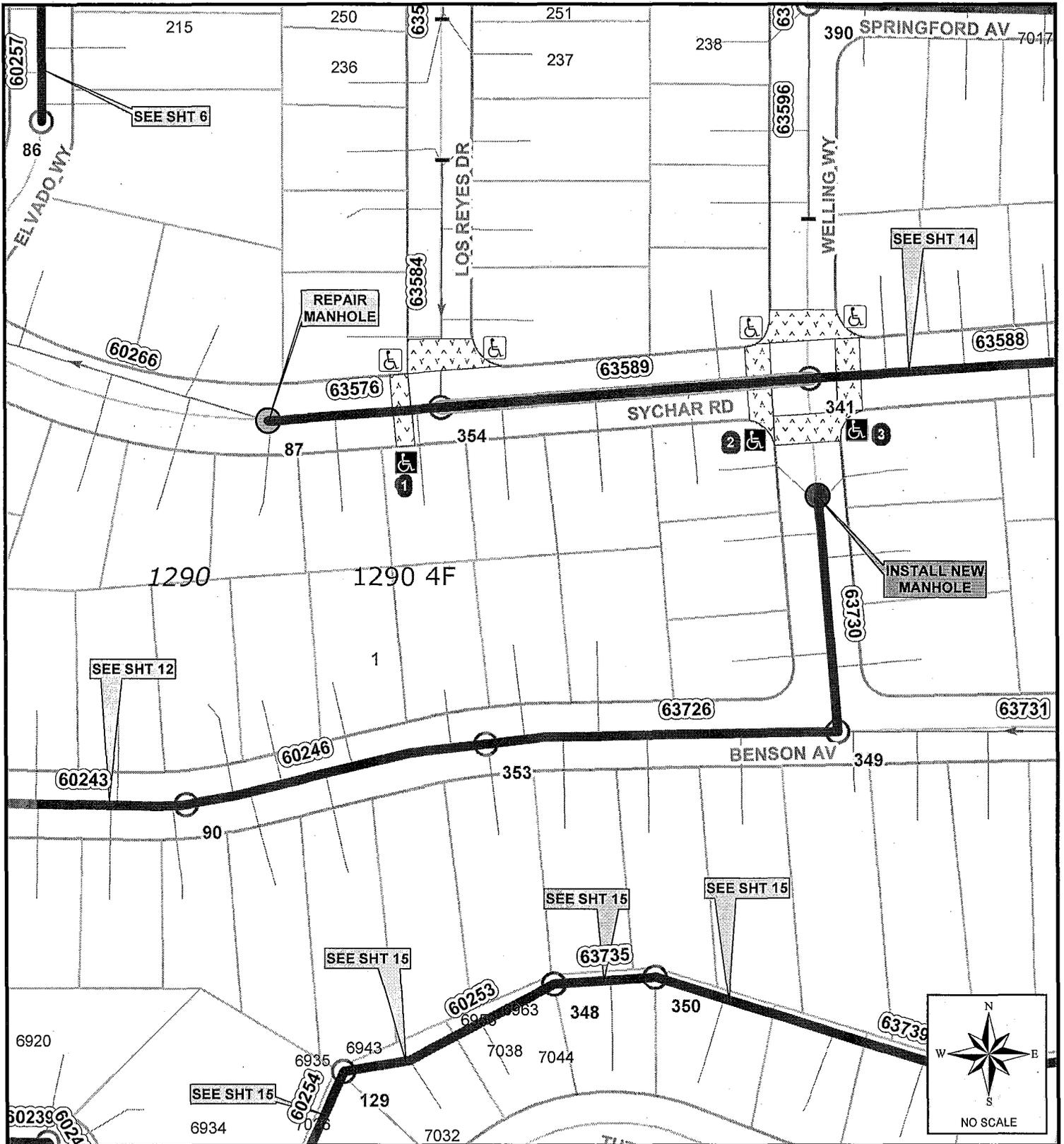
333 Manhole ID

66665 FSN: Facility Sequence Number

Existing manhole & sewer main

Thomas Brothers Page:
1290-E4, F4

Field Book Page:
L23S



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 05-14-2015

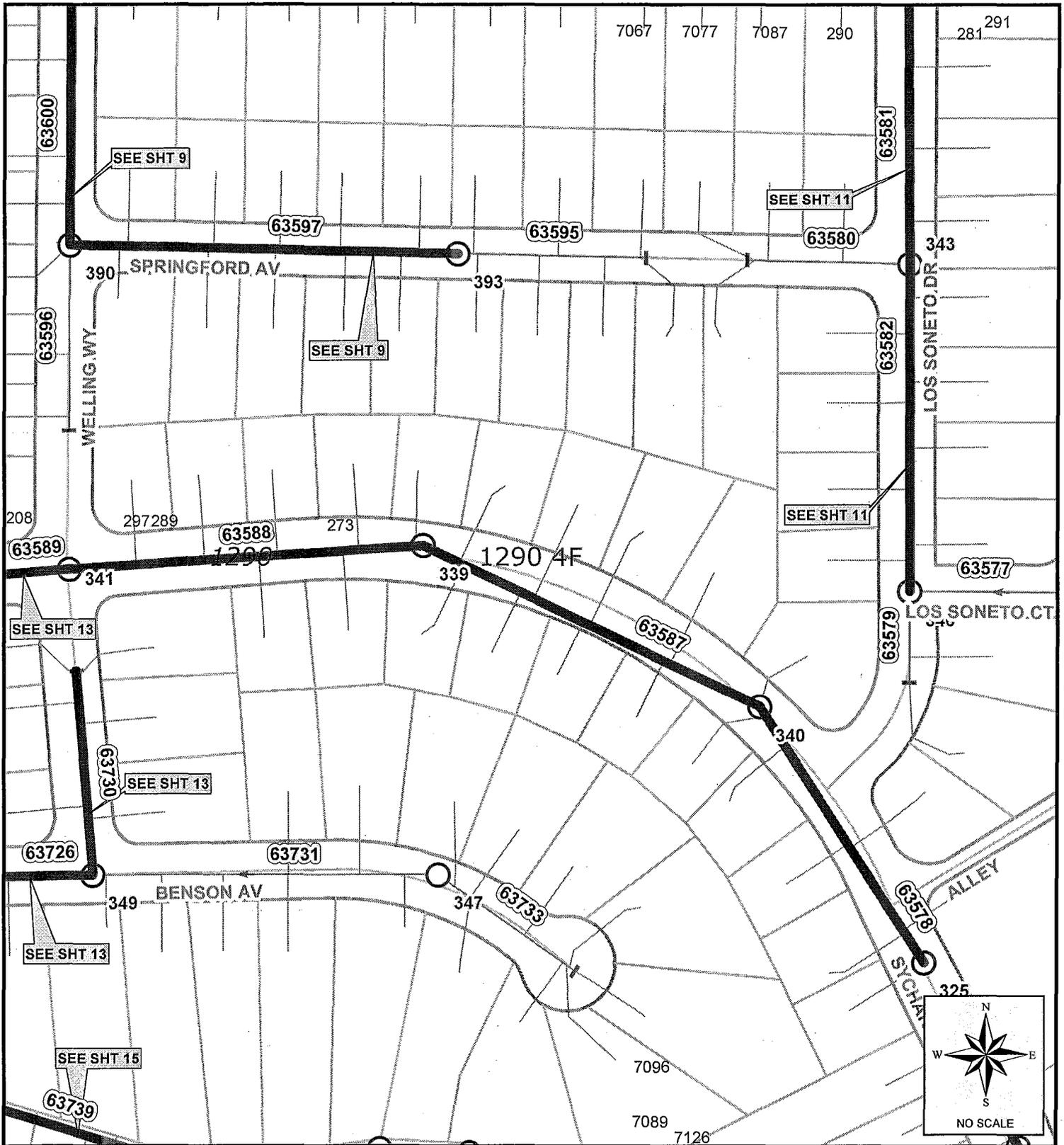
Legend

- Rehab Main
- Point Repair-Rehab Main
- Repair Manhole
- Install New Manhole
- Ex Curb Ramp with DWT
- Proposed Curb Ramp (See Sheet 32 For Curb Ramp Notes Table)
- Curb Ramp Number
- Patch and Repair Surface Damages Along the Crossing Areas
- Manhole ID
- FSN: Facility Sequence Number
- Existing manhole & sewer main

Thomas Brothers Page:
1290-F4
 Field Book Page:
L23S, M23S
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Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 63576, 63589, 60246, 63726, 63730

SHEET NO. 13



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

Legend

Rehab Main

FSN: Facility Sequence Number

Manhole ID

Existing manhole & sewer main

Thomas Brothers Page:
1290-F4

Field Book Page:
M23S

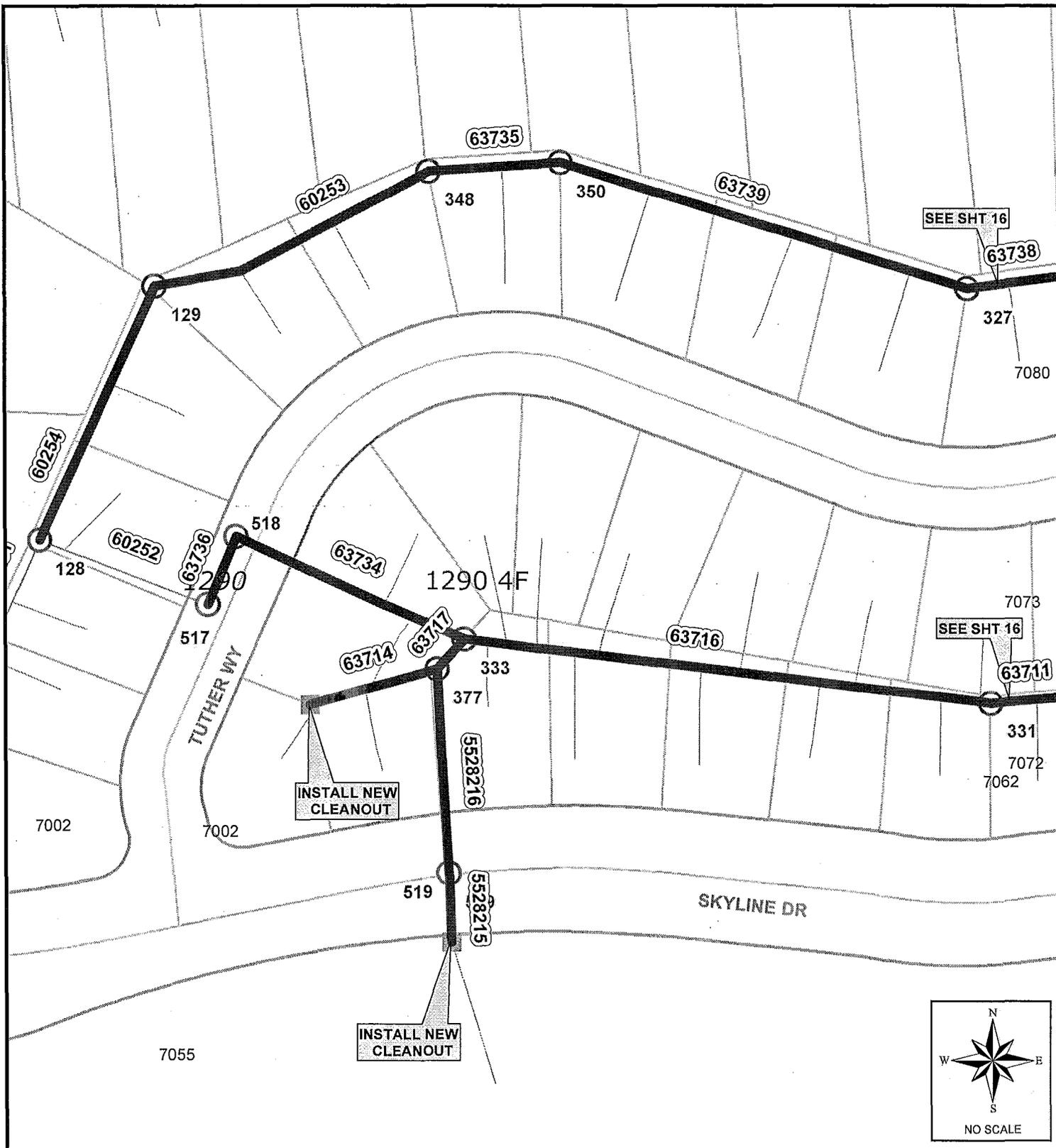
PROJECT ENGINEER:
 VAL POLYAK

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DRAFTER: CREZ KING Appendix H - Overall Project Scope of Work Table and Site Maps

FSN: 63588, 63587, 63578

SHEET NO. 14



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
BIJAN SHAKIBA
 PROJECT ENGINEER:
VAL POLYAK
 DRAFTER:
CREZ KING

Legend

- Rehab Main
- New cleanout
- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

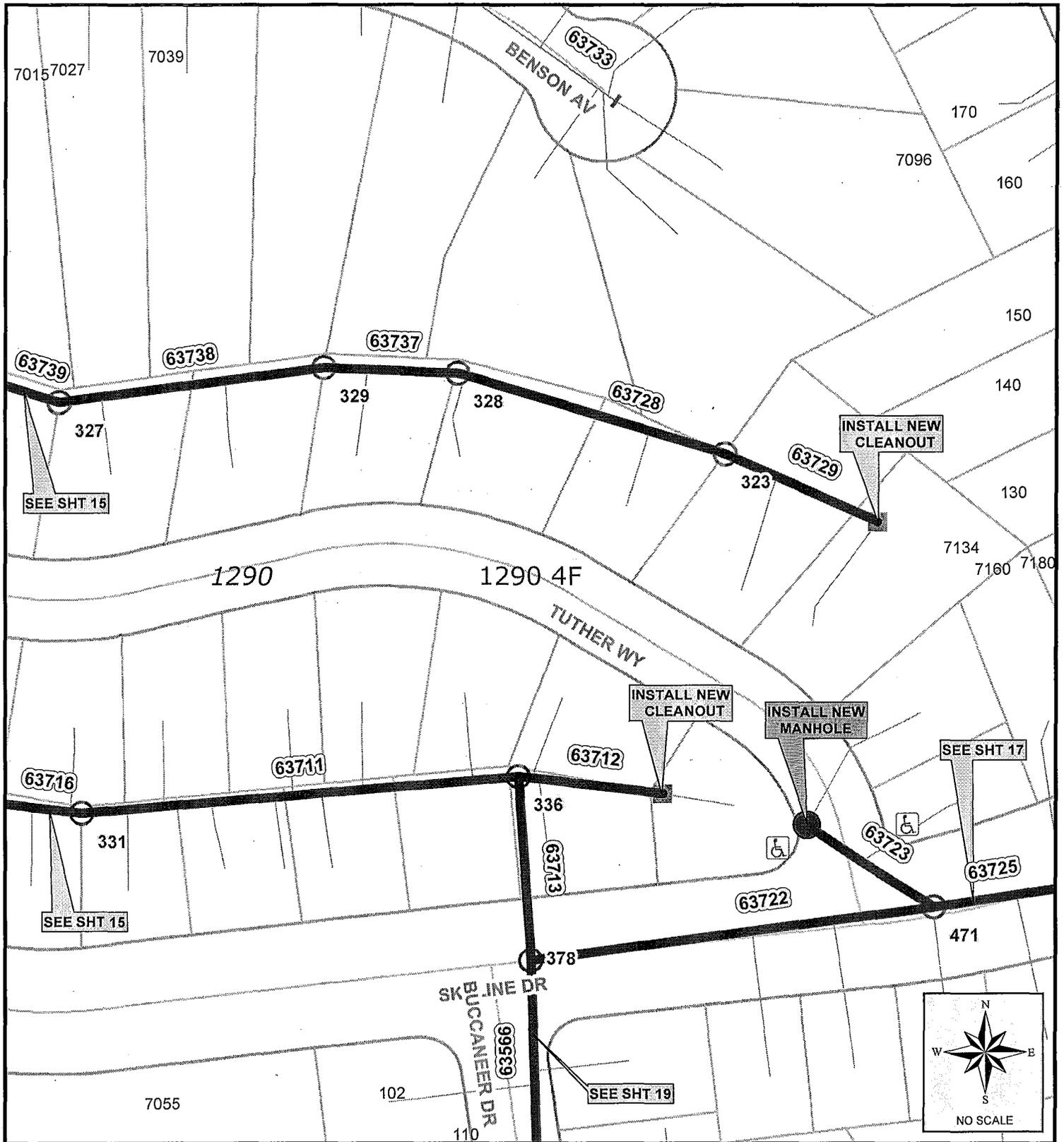
Thomas Brothers Page:
1290-F4

Field Book Page:
L23S, M23S

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SHEET NO. 15

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 60254, 60253, 63735, 63739, 63736, 63734, 63716, 63717, 63714, 5528216, 5528215



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 05-14-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

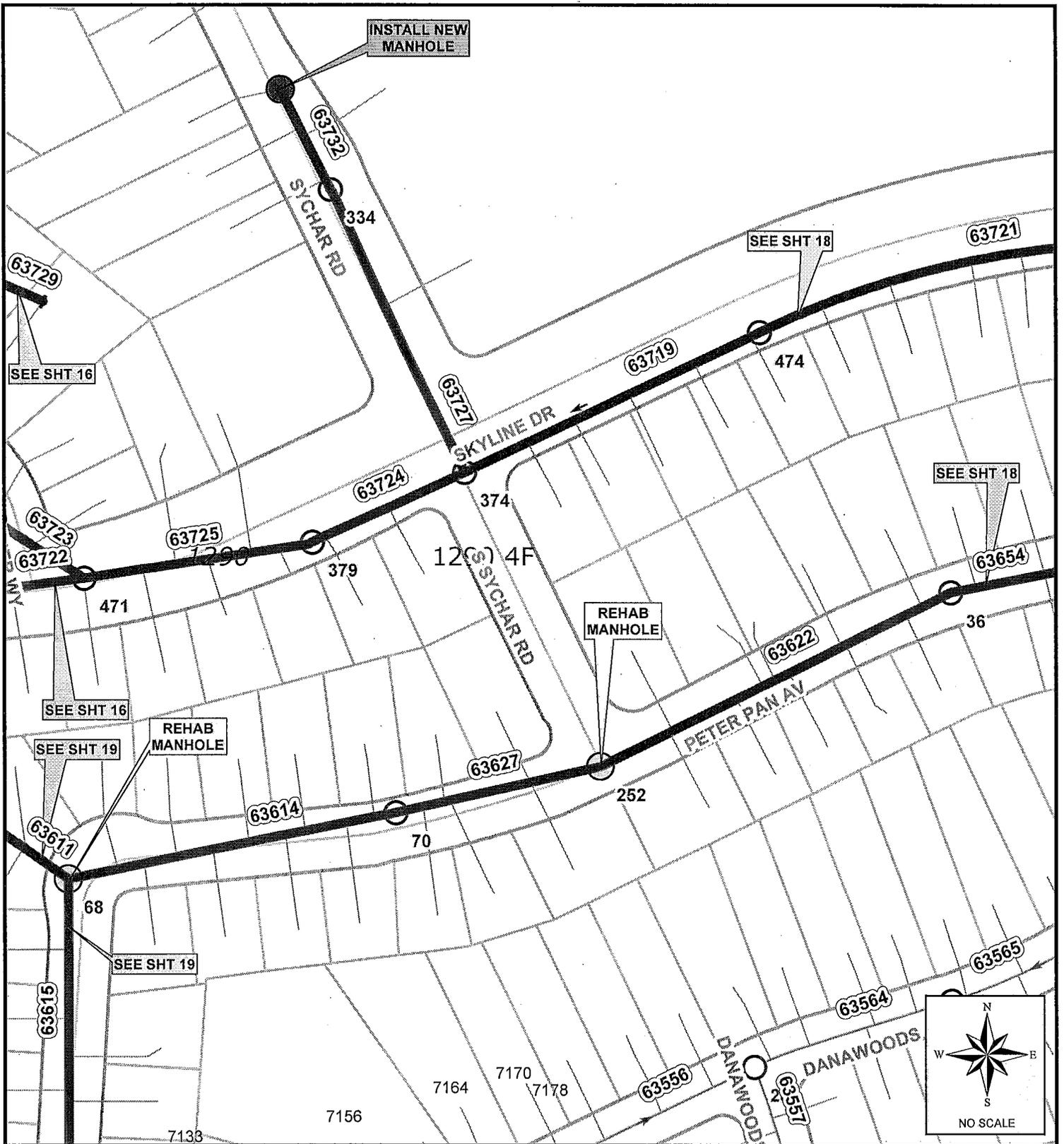
Legend

- Rehab Main
- New Cleanout
- Install New Manhole
- Ex Curb Ramp with DWT
- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

Thomas Brothers Page:
1290-F4
 Field Book Page:
M23S

Appendix H - Overall Project Scope of Work, Table and Site Maps
FSN: 63738, 63737, 63728, 63729, 36711, 63712, 63713, 63722, 63723

SHEET NO. 16



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYMER

DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

Legend

| | |
|---------------------|-------------------------------|
| Rehab Main | FSN: Facility Sequence Number |
| Rehab Manhole | Manhole ID |
| Install New Manhole | Existing manhole & sewer main |

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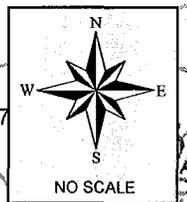
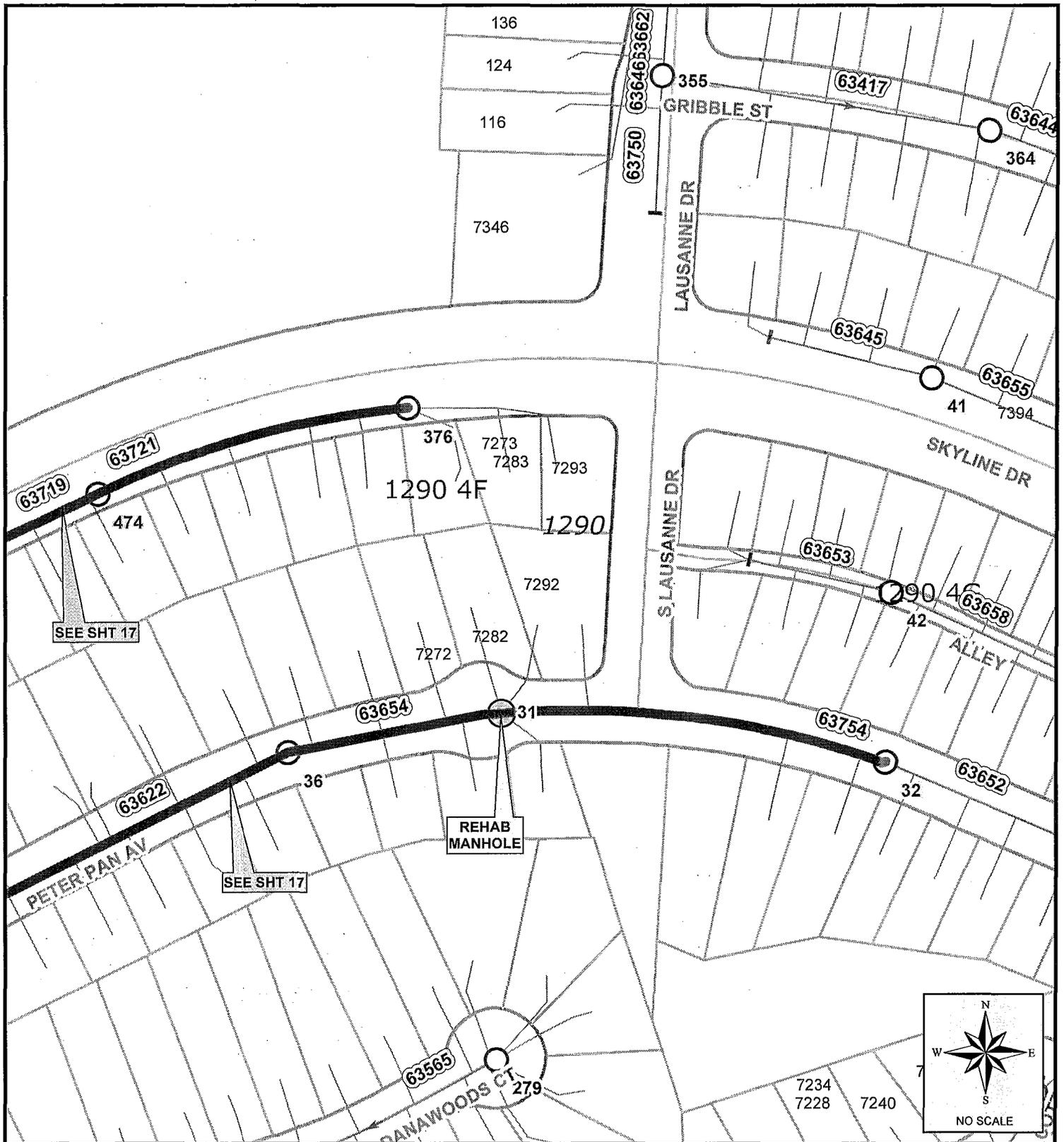
WBS: B-14008
 Date: 01-28-2015

Thomas Brothers Page:
1290-F4

Field Book Page:
M23S

SHEET NO. 17

Overall Project Scope of Work Table and Site Maps
FSN: 63725, 63724, 63732, 63727, 63719, 63614, 63627, 63622



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: SKYLINE COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

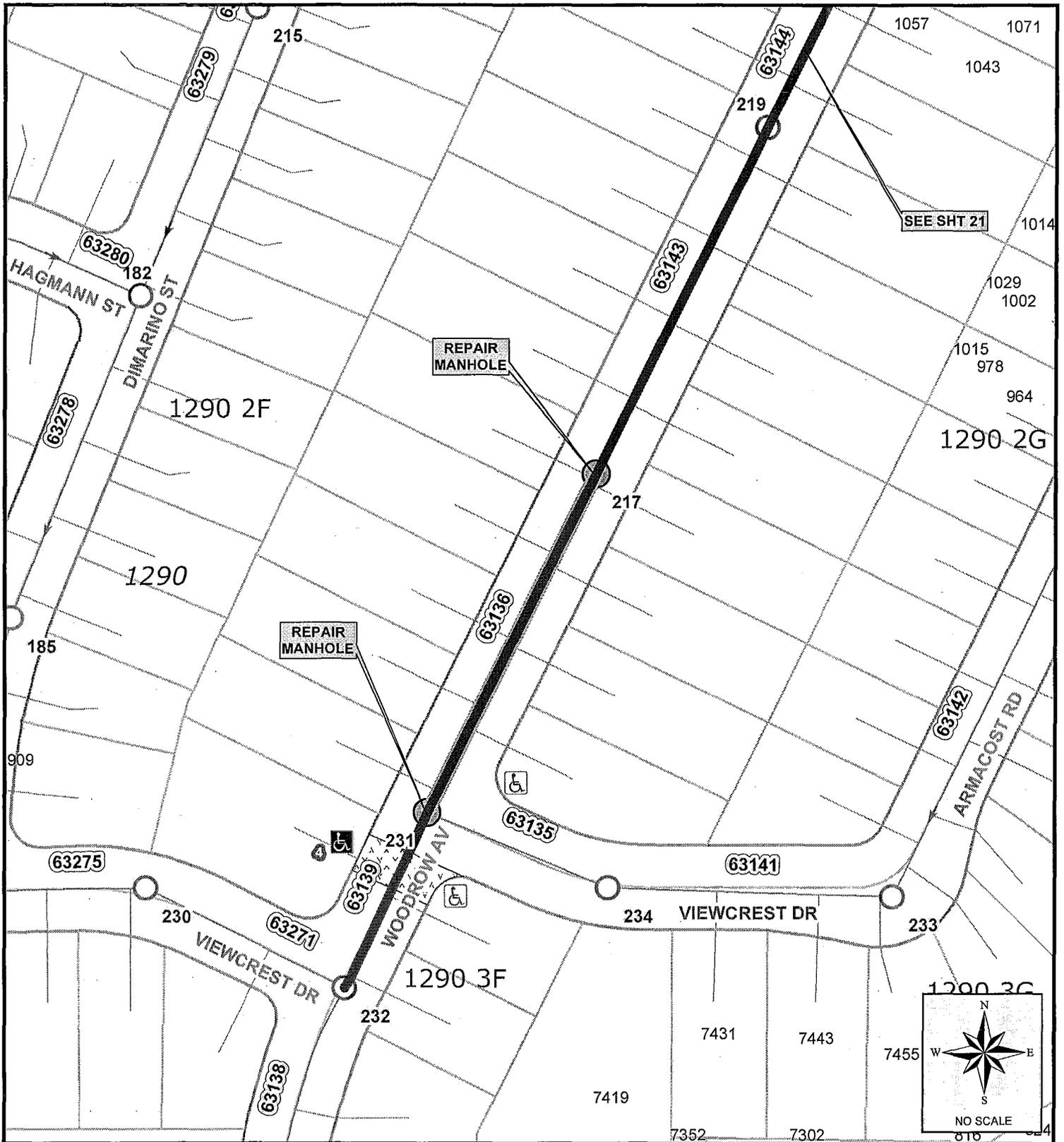
Legend

- Rehab Main
- Rehab Manhole
- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

Thomas Brothers Page:
1290-F4
 Field Book Page:
M23S

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 63721, 63654, 63754

SHEET NO. 18



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 05-14-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

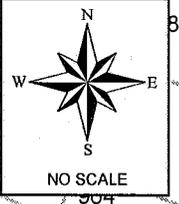
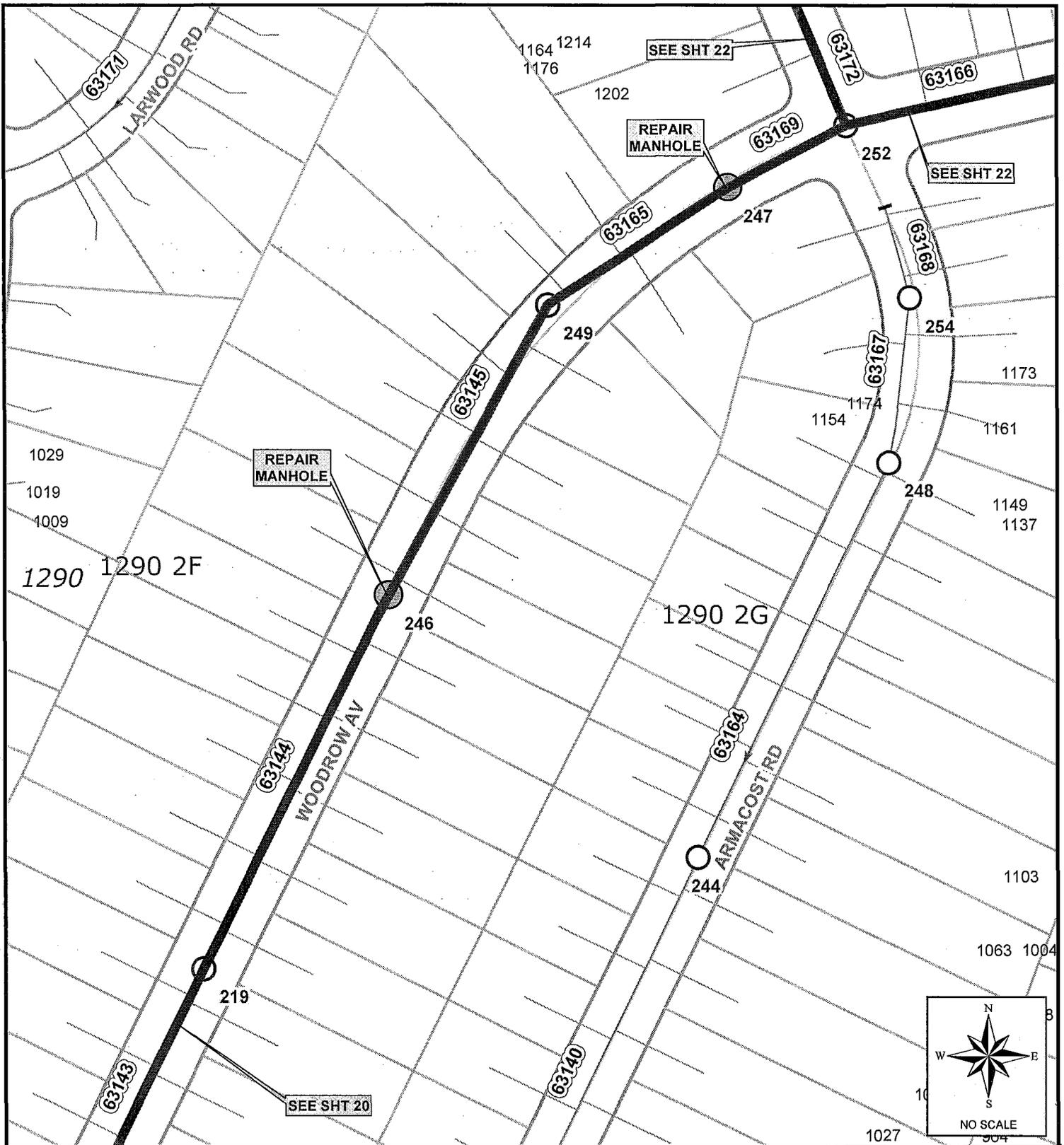
Legend

-  Rehab Main
-  Point Repair-Rehab Main
-  Repair Manhole
-  Patch and Repair Surface Damages Along the Crossing Areas
-  Manhole ID
-  FSN: Facility Sequence Number
-  Existing manhole & sewer main
-  Ex Curb Ramp with DWT
-  Proposed Curb Ramp (See Sheet 32 for Curb Ramp Notes Table)
-  Curb Ramp Number

Thomas Brothers Page:
1290-F2
 Field Book Page:
M22S

Appendix H - Overall Project Scope of Work, Table and Site Maps
FSN: 63139, 63136, 63143

SHEET NO. 20



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

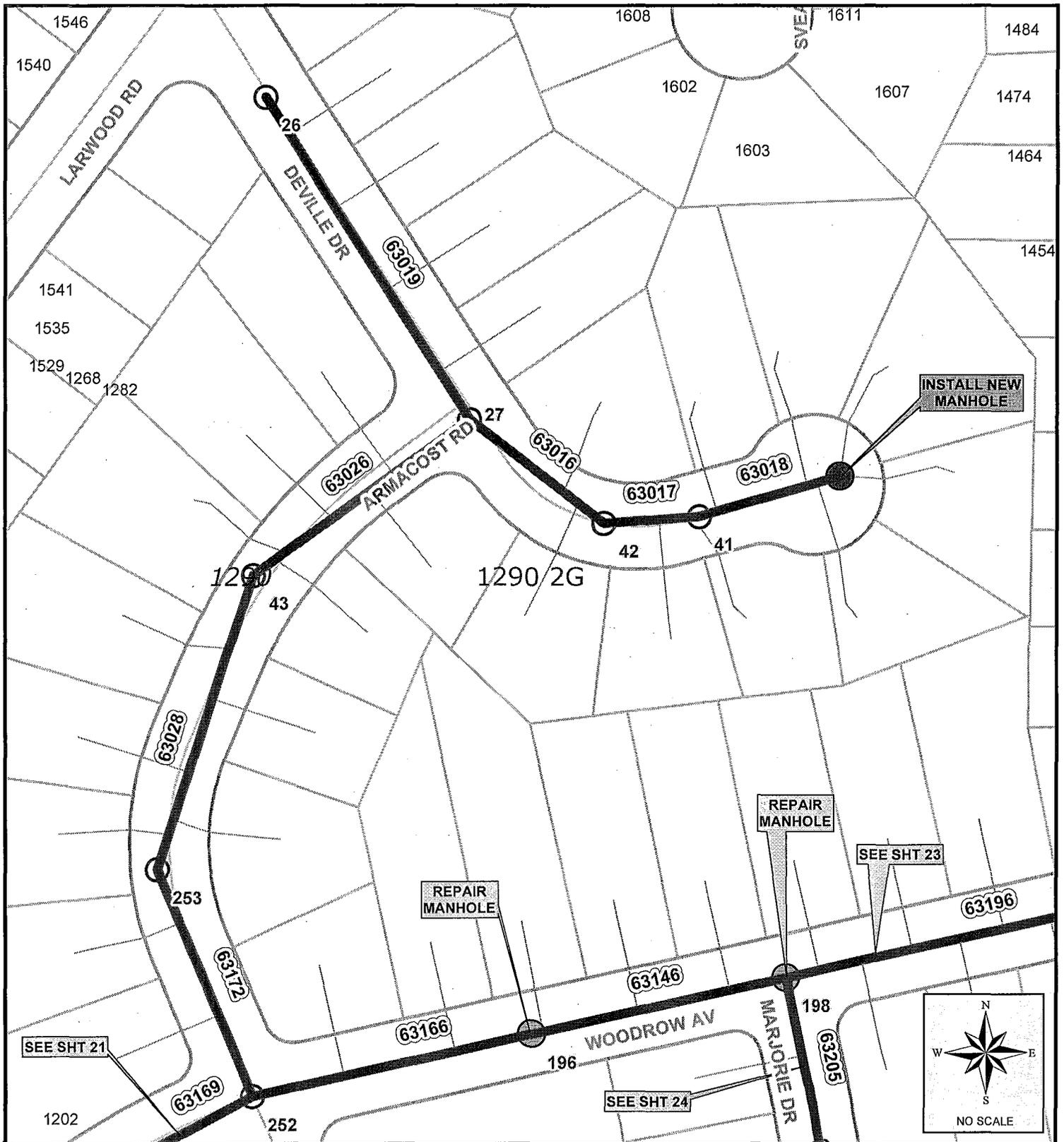
SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

- Legend**
- Rehab Main
 - Repair Manhole
 - FSN: Facility Sequence Number
 - 333: Manhole ID
 - Existing manhole & sewer main

Thomas Brothers Page:
1290-G2
 Field Book Page:
M22S

SHEET NO. 21

Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 63144, 63145, 63165, 63169



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK

DRAFTER:
 CREZ KING

Legend

- Rehab Main
- Repair Manhole
- Install New Manhole
- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

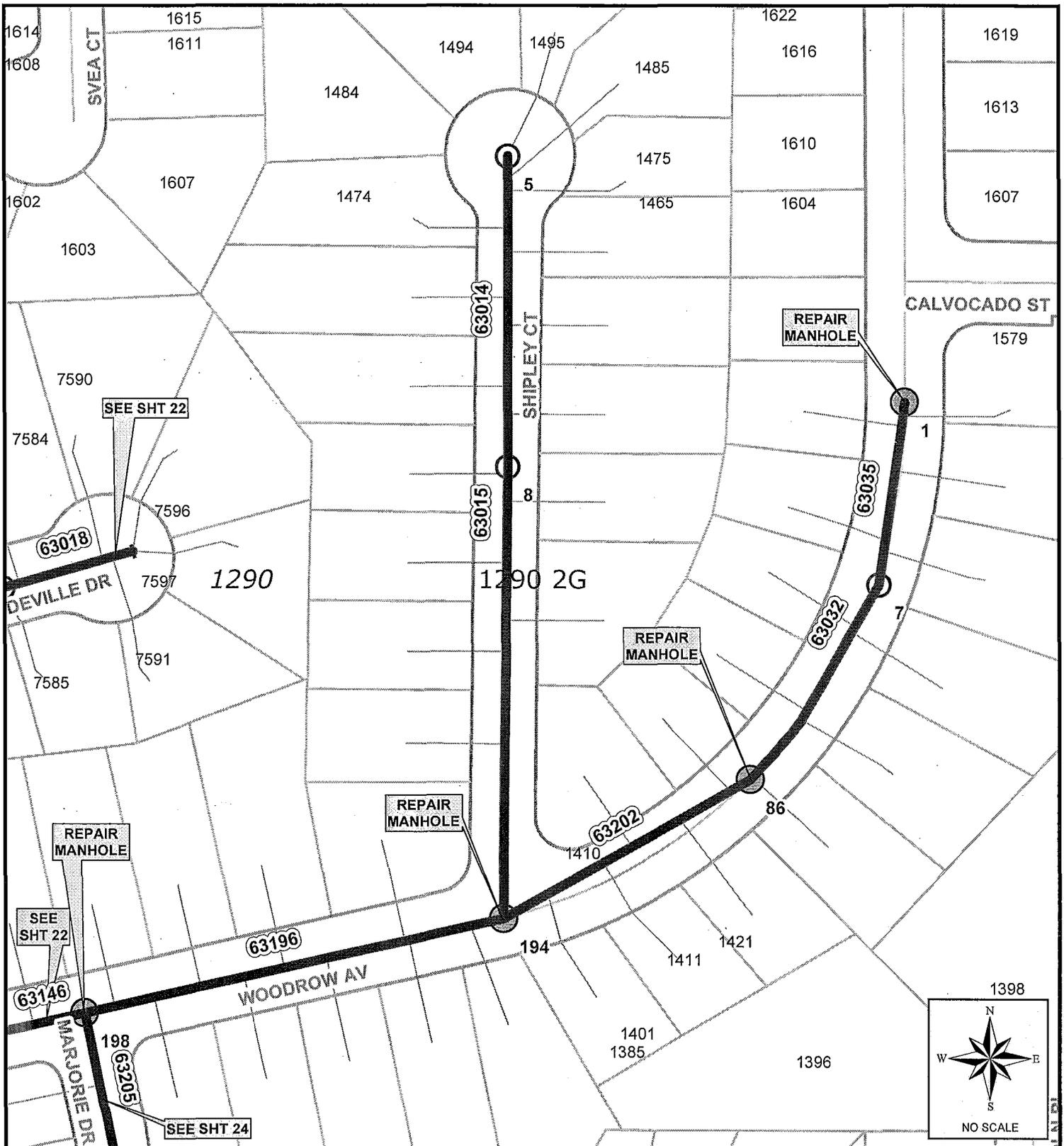
Thomas Brothers Page:
1290-G2

Field Book Page:
M21S, M22S

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Overall Project Scope of Work Table and Site Maps
FSN: 63019, 63016, 63017, 63018, 63026, 63028, 63172, 63166, 63146

SHEET NO. 22



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK

DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

Overall Project Scope of Work Table and Site Maps

Legend

- Rehab Main
- Repair Manhole
- Existing manhole & sewer main

- FSN: Facility Sequence Number
- Manhole ID

123 | Page

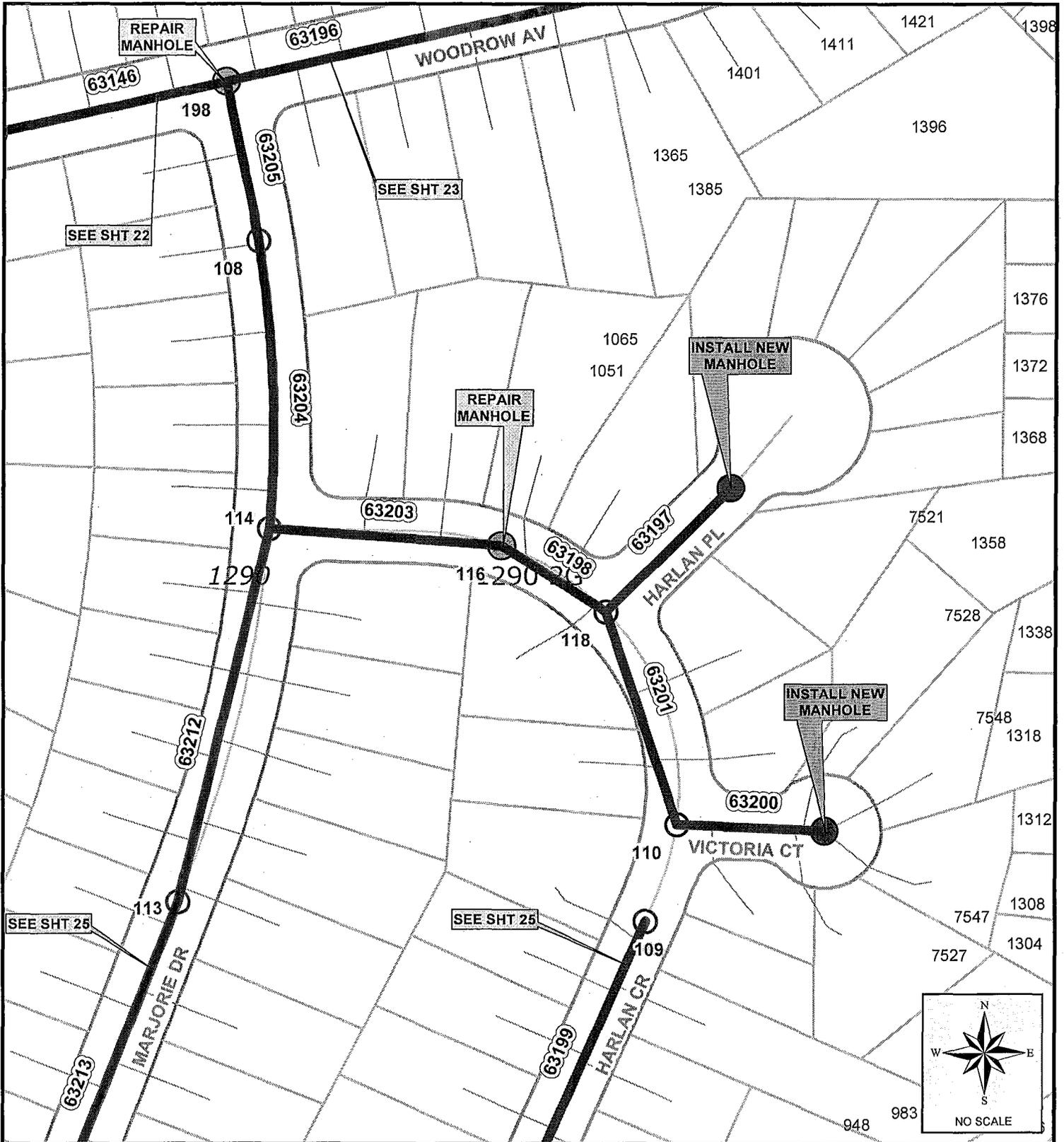
WBS: B-14008
 Date: 01-28-2015

Thomas Brothers Page:
1290-G2

Field Book Page:
M21S, M22S

SHEET NO. 23

FSN: 63014, 63015, 63196, 63202, 63032, 63035



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
BIJAN SHAKIBA

PROJECT ENGINEER:
VAL POLYAK

DRAFTER:
CREZ KING

Legend

- Rehab Main
- Repair Manhole
- Install New Manhole

- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

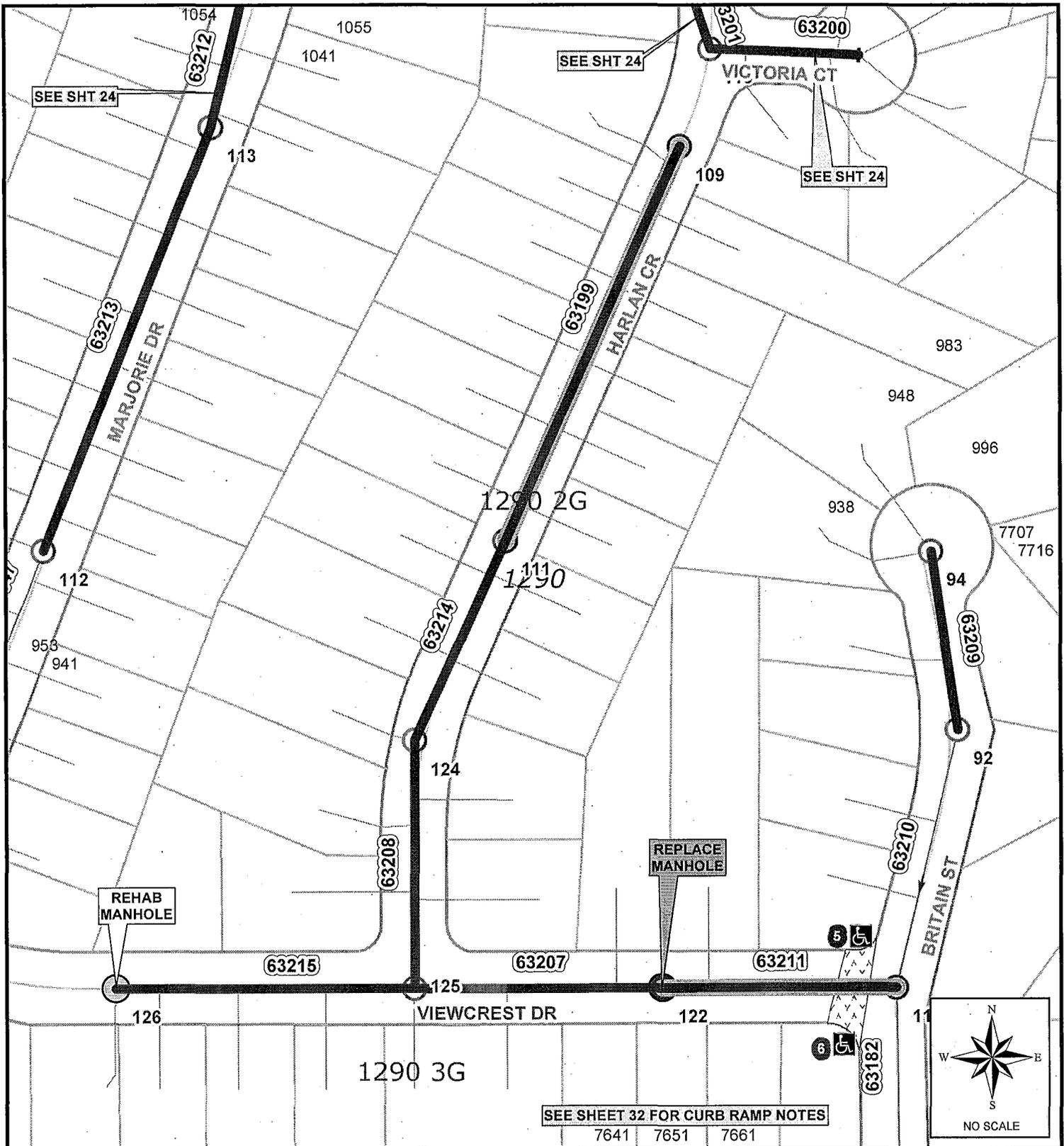
Thomas Brothers Page:
1290-G2

Field Book Page:
M22S

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Overall Project Scope of Work, Table and Site Maps
FSN: 63205, 63204, 63212, 63203, 63198, 63197, 63201, 63200

SHEET NO. 24



SEE SHEET 32 FOR CURB RAMP NOTES
7641 7651 7661

CITY OF SAN DIEGO
PUBLIC WORKS
DEPARTMENT
RIGHT OF WAY DIVISION

SENIOR ENGINEER:
CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
BIJAN SHAKIBA

PROJECT ENGINEER:
VAL POLYAK

DRAFTER:
CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
Date: 5-14-2015

| Legend | |
|--------|---|
| | Rehab Main |
| | Point Repair-Rehab Main |
| | Rehab Manhole |
| | Replace Manhole |
| | Proposed Curb Ramp (See Sheet 32 for Curb Ramp Notes Table) |
| | Curb Ramp Number |
| | Patch and Repair Surface Damages Along the Crossing Areas |
| | FSN: Facility Sequence Number |
| | Manhole ID |
| | Existing manhole & sewer main |

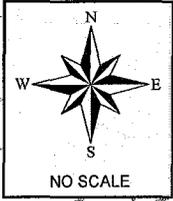
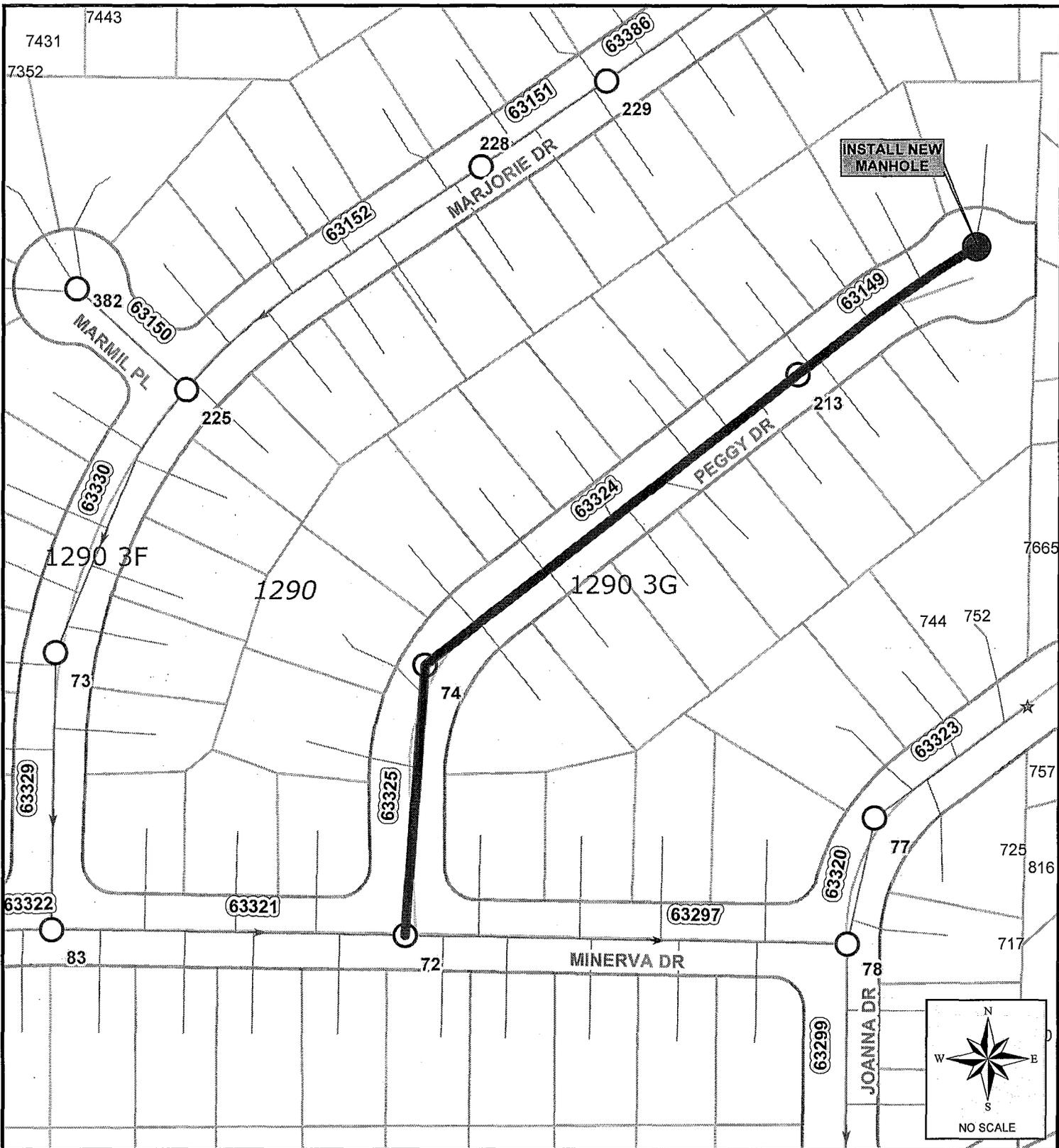
Thomas Brothers Page:
1290-G2

Field Book Page:
M22S

Page
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Appendix H - Overall Project Scope of Work Table and Site Maps
FSN: 63213, 63199, 63214, 63215, 63207, 63211, 63209

SHEET NO. 25



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

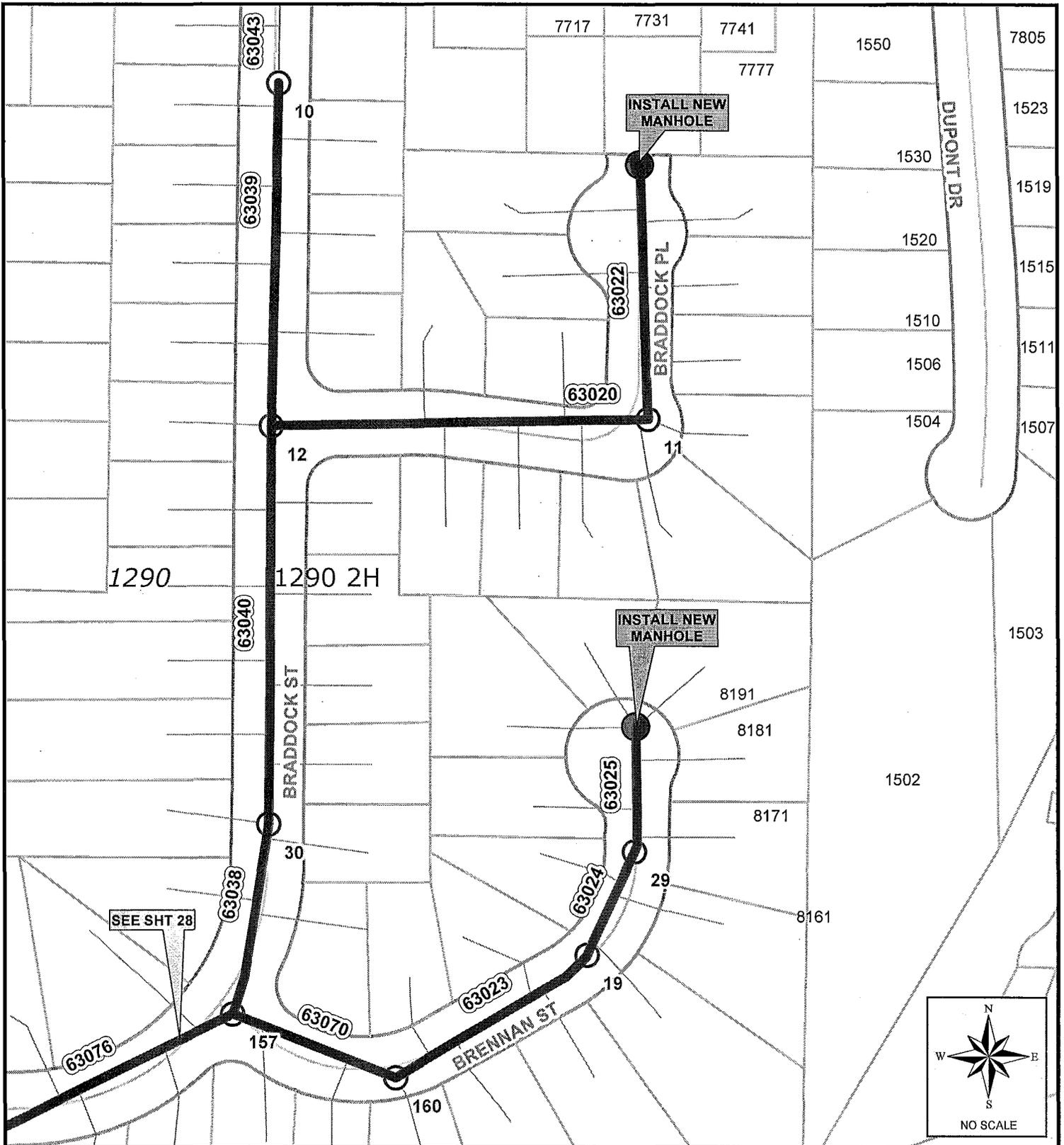
Legend

-  Rehab Main
-  Install New Manhole
-  66665 FSN: Facility Sequence Number
-  333 Manhole ID
-  333 Existing manhole & sewer main

PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

Appendix H - Overall Project Scope of Work, Table and Site Maps
FSN: 63149, 63324, 63325

Thomas Brothers Page:
1290-G3
 Field Book Page:
M22S



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

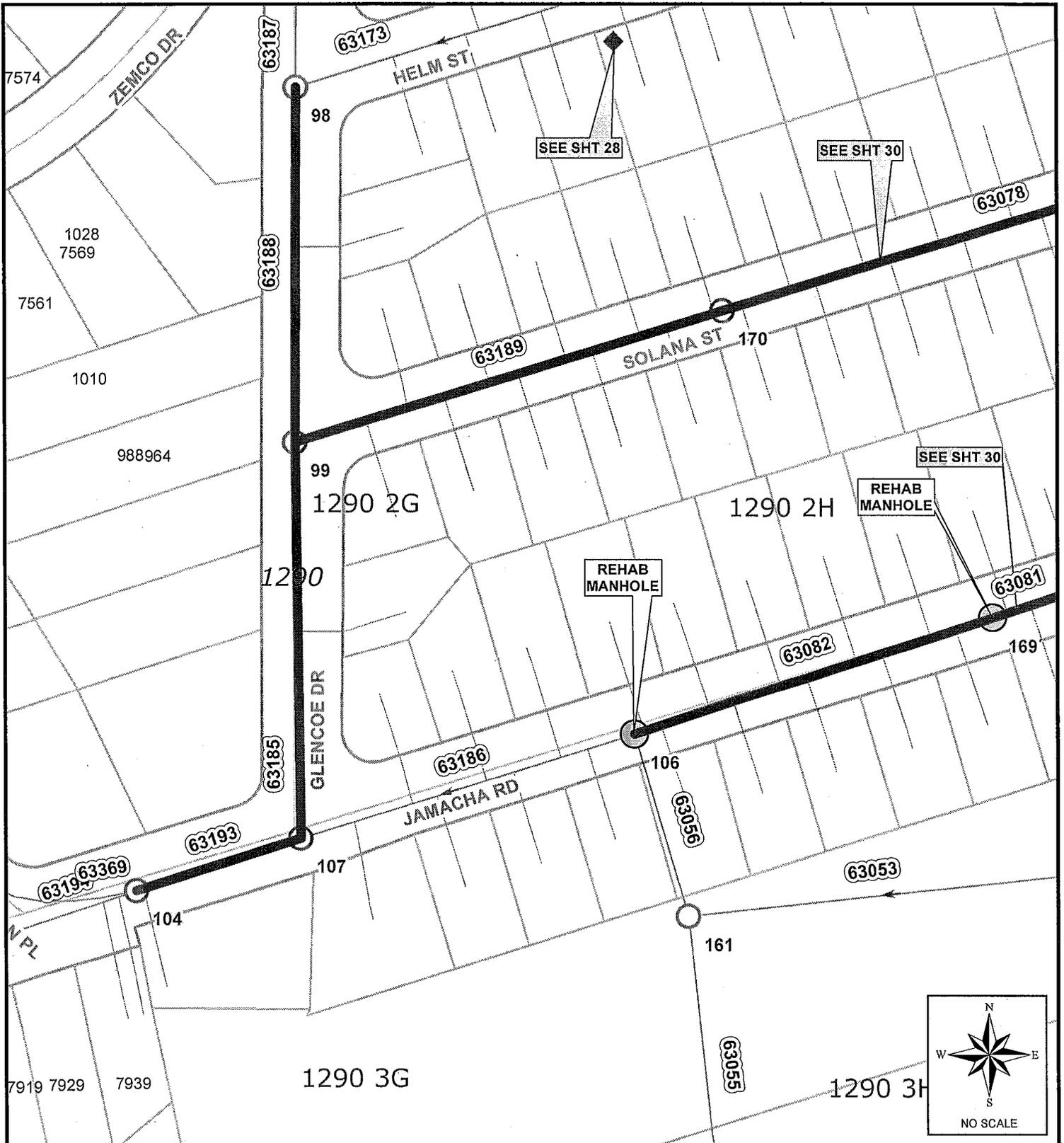
WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
BIJAN SHAKIBA
 PROJECT ENGINEER:
VAL POLYAK
 DRAFTER:
CREZ KING

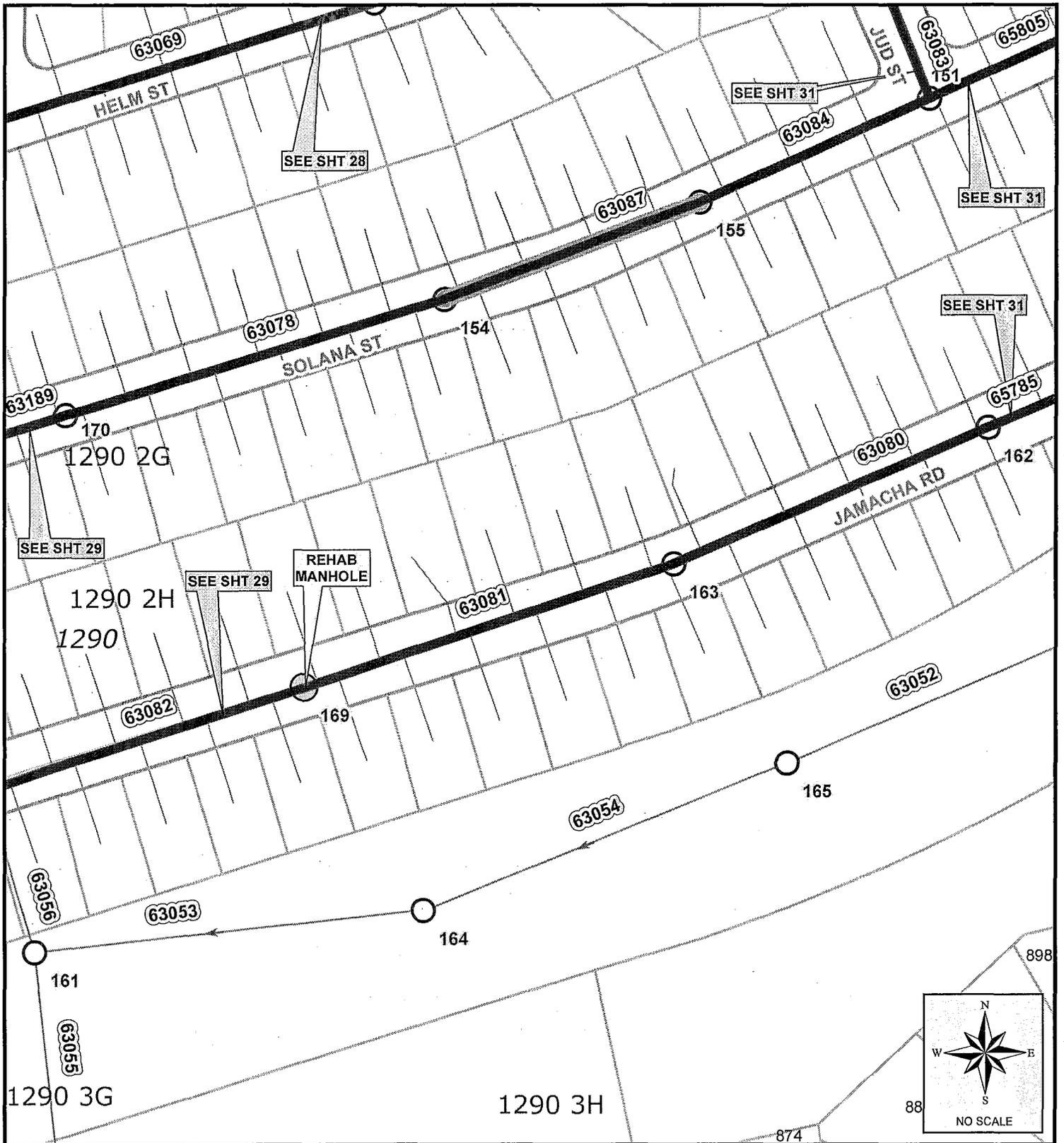
Legend

- Rehab Main
- Install New Manhole
- Existing manhole & sewer main
- FSN: Facility Sequence Number
- Manhole ID

Thomas Brothers Page:
1290-H2
 Field Book Page:
M21S, M22S



| | | |
|---|---|--|
| <p>CITY OF SAN DIEGO PUBLIC WORKS DEPARTMENT RIGHT OF WAY DIVISION</p> <p>SENIOR ENGINEER: CARL E. SPIER, P.E.</p> <p>ASSOCIATE ENGINEER: BIJAN SHAKIBA</p> <p>PROJECT ENGINEER: VAL POLYAK</p> <p>DRAFTER: CREZ KING</p> | <h2>PIPELINE REHABILITATION AC-1</h2> <p>COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4</p> | <p>WBS: B-14008 Date: 01-28-2015</p> |
| <p>Appendix H - Overall Project Scope of Work Table and Site Maps</p> | <p>Legend</p> <ul style="list-style-type: none"> Rehab Main Curb Ramp Type B Rehab Manhole FSN: Facility Sequence Number Manhole ID Existing manhole & sewer main <p style="text-align: right;">129 Page</p> | <p>Thomas Brothers Page: 1290-G2</p> <p>Field Book Page: M22S</p> <p>SHEET NO. 29</p> |



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

WBS: B-14008
 Date: 01-28-2015

SENIOR ENGINEER:
 CARL E. SPIER, P.E.
 ASSOCIATE ENGINEER:
 BIJAN SHAKIBA
 PROJECT ENGINEER:
 VAL POLYAK
 DRAFTER:
 CREZ KING

Legend

- Rehab Main
- Point Repair-Rehab Main
- Rehab Manhole

- FSN: Facility Sequence Number
- Manhole ID
- Existing manhole & sewer main

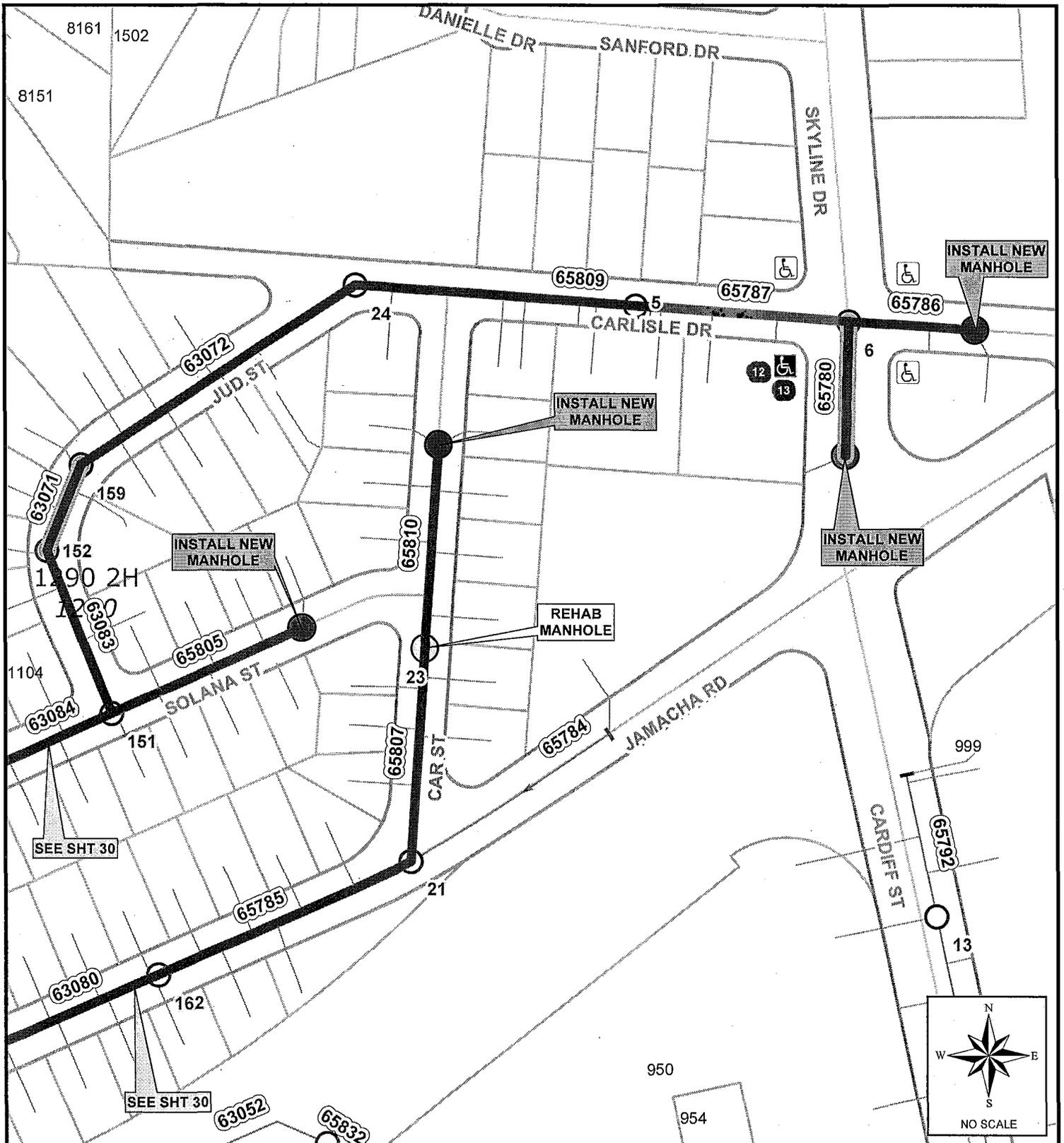
Thomas Brothers Page:
1290-G2

Field Book Page:
M22S

130 | Page

SHEET NO. 30

Appendix H - Overall Project Scope of Work, Table and Site Maps
FSN: 63078, 63087, 63084, 63081, 63080



CITY OF SAN DIEGO
PUBLIC WORKS
 DEPARTMENT
 RIGHT OF WAY DIVISION

SENIOR ENGINEER:
 CARL E. SPIER, P.E.

ASSOCIATE ENGINEER:
 BIJAN SHAKIBA

PROJECT ENGINEER:
 VAL POLYAK

DRAFTER:
 CREZ KING

PIPELINE REHABILITATION AC-1

COMMUNITY DISTRICT: JAMACHA COUNCIL DISTRICT: 4

Overall Project Scope of Work Table and Site Maps

| Legend | |
|--------|--|
| | Rehab Main |
| | Point Repair-Rehab Main |
| 333 | Manhole ID |
| | Existing manhole & sewer main |
| | Rehab Manhole |
| | Install New Manhole |
| | Ex Curb Ramp with DWT |
| | Proposed Curb Ramp (See Sheet 32 for Curb Ramp Notes Table) Curb Ramp Number |

131 | Page

WBS: B-14008
 Date: 05-07-2015

Thomas Brothers Page:
1290-H2

Field Book Page:
M22S, N22S

SHEET NO. 31

FSN: 65805, 65803, 63071, 63072, 65809, 65787, 65786, 65780, 65785, 65807, 65810

| CURB RAMP NOTES TABLE | | | | | | | | | |
|-----------------------|---------------|-------------|-----|-------------|----------------|---------------------------|--------|-------------|--|
| SHEET NO. | CURB RAMP NO. | RAMP TYPE | NEW | REPLACEMENT | HISTORIC STAMP | DETECTABLES WARNING TILES | | CONSTRAINTS | COMMENTS/MODIFICATIONS |
| | | | | | | STAINLESS STEEL | OTHERS | | |
| 13 | 1 | CASE B | X | | | X | | | 1. PROVIDE RETAINING CURB BEHIND CURB RAMP. 2. THE RETAINING CURB MIGHT HAVE TO BE HIGHER THAN 12". CONTRACTOR TO VERIFY. |
| 13 | 2 | C2 | X | | | X | | | |
| 13 | 3 | C2 | X | | | X | | | 1. RELOCATE STOP LIMIT LINE BEFORE CURB RAMP. |
| 20 | 4 | B | X | | | X | | | 1. EXTEND THE CONCRETE & INSTALL THE NEW CURB RAMP 7" FROM CURRENT LOCATION. |
| 25 | 5 | C2 | X | | X | X | | X | 1. PROVIDE RETAINING CURB BEHIND THE CURB RAMP. 2. PRESERVE HISTORICAL STAMP. 3. PROTECT ADJACENT WALL DURING DEMOLITION & CONSTRUCTION. 4. PROTECT AND INCORPORATE LIGHT POLE IN CURB RAMP CONSTRUCTION. 5. PROVIDE DETAIL FOR CITY APPROVAL IF R.E. REQUESTED. |
| 25 | 6 | C2 | | X | | X | | | 1. PROVIDE RETAINING CURB BEHIND THE CURB RAMP. |
| 28 | 7 | A | X | | | X | | | |
| 28 | 8 | A | X | | X | X | | X | 1. PRESERVE 2 HISTORICAL STAMP. 2. PROTECT AND INCORPORATE POWER POLE IN CURB RAMP CONSTRUCTION. |
| 28 | 9 | B | X | | | X | | | 1. PROVIDE RETAINING WALL BEHIND CURB RAMP. |
| 28 | 10 | CASE B | X | | | X | | | |
| 28 | 11 | B | X | | | X | | X | 1. PROTECT CHAIN LINK FENCE AND BRICK PAVERS. |
| 31 | 12 & 13 | DIRECTIONAL | X | | | X | | | 1. INSTALL 2 DIRECTIONAL CURB RAMPS. SEE SDG-130, DETAIL A. 2. PROVIDE DETAIL FOR CITY APPROVAL IF R.E. REQUESTED. |

| NOTES: | |
|---|---|
| <p>1. PROTECT AND KEEP ALL HISTORICAL STAMPS WITHIN SIDEWALKS.</p> <p>2. LOCATE LIMIT LINES BEFORE EACH CURB RAMP. RESTRIPE USING TWELVE (12") INCH WIDE THERMOPLASTIC.</p> <p>3. THE DESIGN AND INSTALLATION OF THE CURB RAMP SHALL NOT AFFECT THE DRAINAGE PATTERN ON THE STREET. PONDINGS SHALL NOT BE ALLOWED WITHIN THE CURB RAMP AREA.</p> <p>4. ALL DETECTABLE WARNING TILES (DWT) MUST BE PER CITY'S APPROVED MATERIALS LIST (AML).</p> <p>5. COUTNER SLOPES (CRUB RAMP SLOPE PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13.33% WITH THE EXCEPTION OF A TYPE C-2 AND C-1. ADJUST THE SLOPE OF THE MAIN RAMP IF THE STREET SLOPE EXCEEDS 5.0%.</p> <p>6. RESTRIPE THE CROSSWALKS WITH CONTINENTAL CROSSWALK PER CITY OF SAN DIEGO STANDARD DRAWING SDM-116. RESTRIPE "STOP" MARKINGS WITH WHITE THERMOPLASTIC FINISH.</p> | <p>7. CONTRACTOR SHALL NOTIFY SURVEYING 30 DAYS PRIOR TO REMOVAL OR SIDEWALK FOR CURB RAMP CONSTRUCTION TO RELOCATE ANY SURVEY MARKERS.</p> |

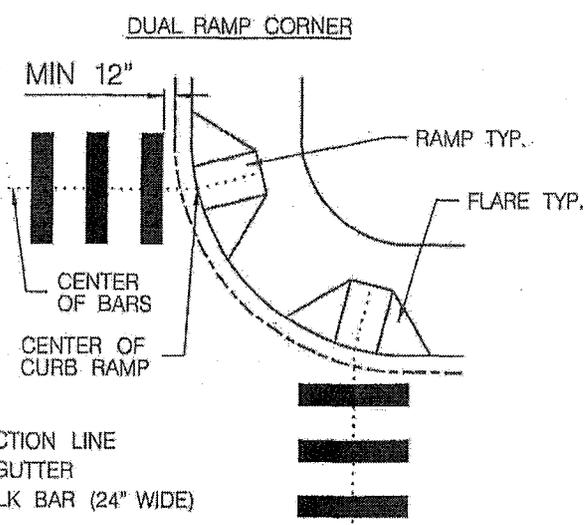
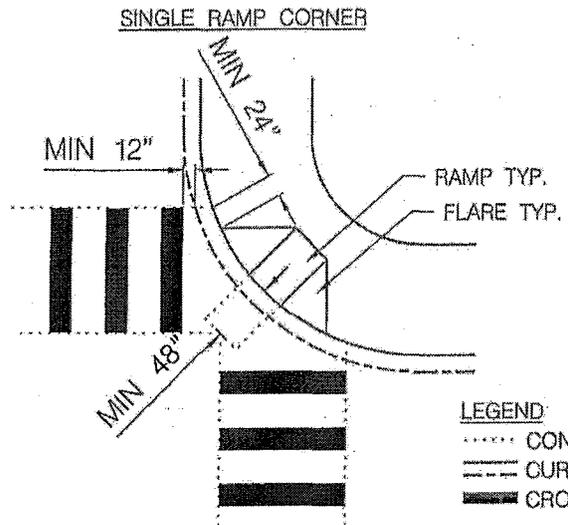
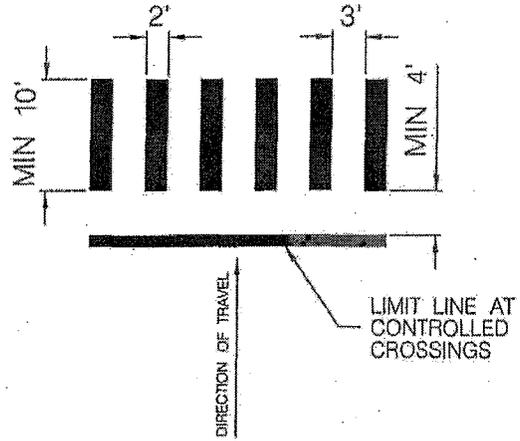
| PROPOSED CURB RAMPS PER STANDARD DRAWINGS: | |
|--|--------------------|
| CURB RAMP TYPE A & B | SDG-132 |
| CURB RAMP TYPE C2 | SDG-135 |
| CURB RAMP CASE B | SDG-130 (CASE B) |
| CURB RAMP DIRECTIONAL | SDG-130 (DETAIL A) |
| GENERAL CURB RAMP NOTES & SUPPLEMENTAL DETAILS | |
| EX STAMP/IMPRESSION PLACEMENT | SDG-115 |
| CONTINENTAL CROSSWALK | SDG-116 |

PIPELINE REHABILITATION AC-1
SHEET 32

APPENDIX I

SDM-116 CONTINENTAL CROSSWALK MARKINGS LAYOUT AND NOTES

TYPICAL CONTINENTAL CROSSWALK MARKINGS



- LEGEND**
- CONSTRUCTION LINE
 - CURB & GUTTER
 - █ CROSSWALK BAR (24" WIDE)

- GENERAL NOTES:**
1. ALL MARKED CROSSWALKS SHALL HAVE CONTINENTAL MARKINGS UNLESS APPROVED OTHERWISE.
 2. MARKED CROSSWALK LOCATIONS CONSISTING OF BRICK PAVERS OR OTHER DECORATIVE PAVING SHALL BE PROVIDED WITH A LIMIT LINE ONLY.
 3. SIGNALIZED INTERSECTIONS SHALL BE PROVIDED WITH A MARKED CROSSWALK ACROSS EACH LEG WHERE PEDESTRIANS ARE PERMITTED TO CROSS.
 4. CONTINENTAL CROSSWALK MARKINGS SHALL BE ALIGNED PARALLEL TO THE DIRECTION OF VEHICULAR TRAVEL.
 5. LIMIT LINES SHALL BE INSTALLED A MINIMUM OF 4 FEET IN ADVANCE OF MARKED CROSSWALKS FOR THE APPROACH LANES AT ALL CONTROLLED CROSSINGS.
 6. MARKED CROSSWALKS SHOULD BE A MINIMUM OF 10 FEET IN WIDTH. PLACEMENT OF CONTINENTAL CROSSWALKS SHALL COMPLY WITH ACCESSIBILITY REGULATIONS PER THE MOST RECENT VERSION OF AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS.
 7. THE CROSSWALK BETWEEN A DUAL RAMP CORNER AND A SINGLE RAMP CORNER SHALL BE AT LEAST 10 FEET WIDE AND SATISFY THE MINIMUM OF 2 FEET BEYOND THE FLARE REQUIREMENT FOR THE SINGLE RAMP.
 8. CONTINENTAL CROSSWALK BARS SHALL BE UNIFORM WITHIN THE SAME CROSSING. NO PARTIAL BARS SHALL BE INSTALLED.
 9. A CROSSWALK BAR SHALL BE CENTERED IN THE CENTER OF THE CROSSING.
 10. CROSSWALK MARKINGS SHALL BE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD) RETROREFLECTIVITY COMPLIANT AND SKID RESISTANT.

SHEET 1 OF 3

| REVISION | BY | APPROVED | DATE |
|----------|----|---------------|-------|
| ORIGINAL | JF | J. NAGELVOORT | 02/15 |
| | | | |
| | | | |
| | | | |

CITY OF SAN DIEGO – STANDARD DRAWING

CONTINENTAL CROSSWALK MARKINGS LAYOUT AND NOTES

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

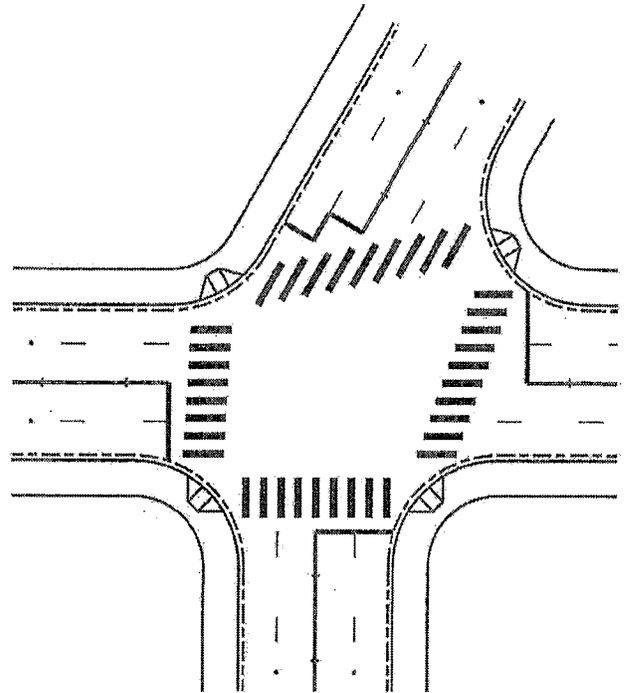
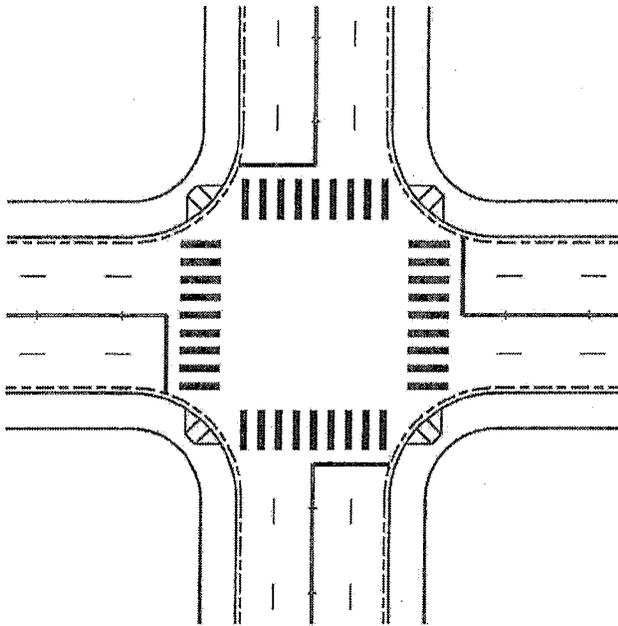


 COORDINATOR R.E. 91523 2/5/2015 DATE

DRAWING NUMBER **SDM-116**

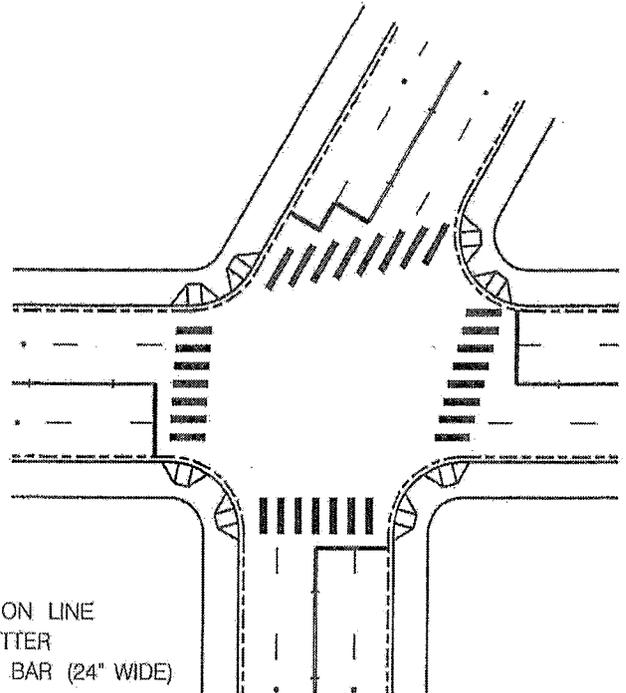
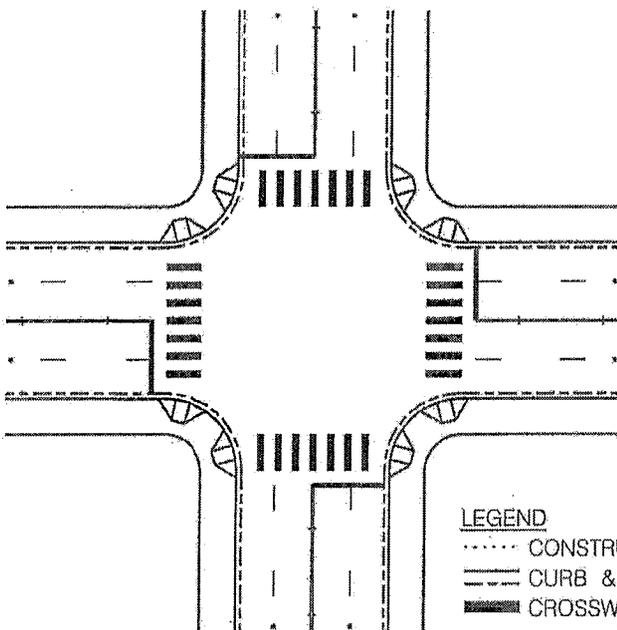
CASE 1 – SINGLE RAMP ORTHOGONAL

CASE 2 – SINGLE RAMP SKEWED



CASE 3 – DUAL RAMP ORTHOGONAL

CASE 4 – DUAL RAMP SKEWED



LEGEND

- CONSTRUCTION LINE
- CURB & GUTTER
- ▬ CROSSWALK BAR (24" WIDE)

SHEET 2 OF 3

| REVISION | BY | APPROVED | DATE |
|----------|----|---------------|-------|
| ORIGINAL | JF | J. NAGELVOORT | 02/15 |
| | | | |
| | | | |
| | | | |

CITY OF SAN DIEGO – STANDARD DRAWING

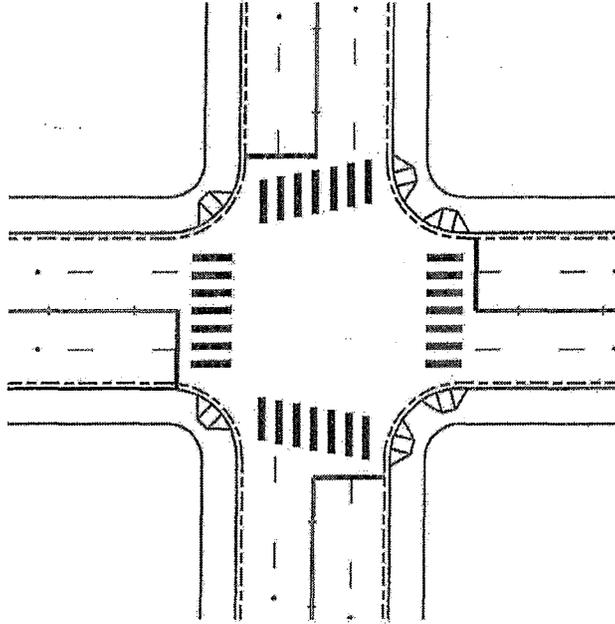
**CONTINENTAL CROSSWALK
MARKINGS LAYOUT AND NOTES**

RECOMMENDED BY THE CITY OF SAN DIEGO
STANDARDS COMMITTEE

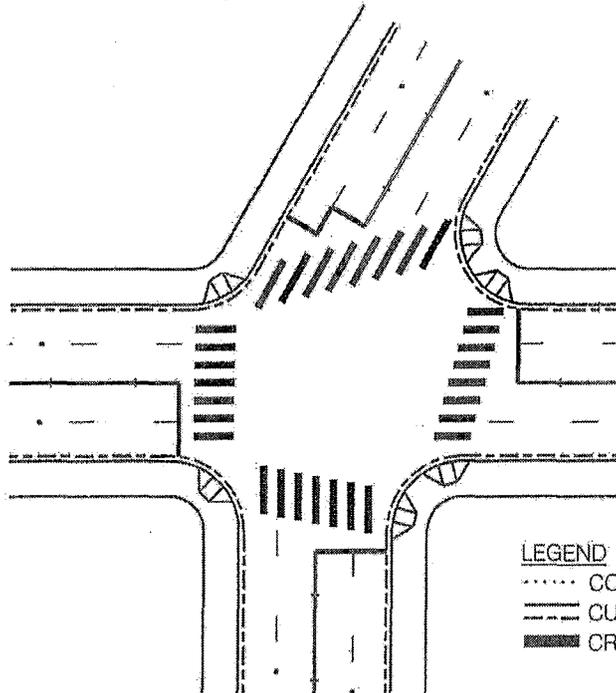
CR Bunge 2/6/2015
COORDINATOR R.C.E. 56523 DATE

DRAWING
NUMBER **SDM-116**

CASE 5 – DUAL AND SINGLE RAMP ORTHOGONAL



CASE 6 – DUAL AND SINGLE RAMP SKEWED



LEGEND

- CONSTRUCTION LINE
- CURB & GUTTER
- █ CROSSWALK BAR (24" WIDE)

SHEET 3 OF 3

| REVISION | BY | APPROVED | DATE |
|----------|----|---------------|-------|
| ORIGINAL | JF | J. NAGELVOORT | 02/15 |
| | | | |
| | | | |
| | | | |
| | | | |

CITY OF SAN DIEGO – STANDARD DRAWING

**CONTINENTAL CROSSWALK
MARKINGS LAYOUT AND NOTES**

RECOMMENDED BY THE CITY OF SAN DIEGO
STANDARDS COMMITTEE

C. Brugia 2/5/2015
COORDINATOR FILE: 98523 DATE

DRAWING
NUMBER **SDM-116**

ATTACHMENT F
INTENTIONALLY LEFT BLANK

CERTIFICATIONS AND FORMS

Instruction to Bidders, Section 1 - 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 7-13.3, "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

AMERICAN 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 American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American 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 § 22.3224 regarding Contractor Standards as outlined in the WHITEBOOK, Section 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

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:

Pipeline Rehabilitation AC-1

(Name of Project)

as particularly described in said contract and identified as Bid No. **K-16-1380-DBB-3** SAP No. (WBS/IO/CC) **B-14008** 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 _____, _____.

Contractor
by

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

BID ITEMS

| Item | Quantity | Unit | NAICS | Payment Reference | Description | Unit Price | Extension |
|-----------------|----------|------|--------|-------------------|---|-----------------------|--------------|
| BASE BID | | | | | | | |
| 1 | 1 | LS | 524126 | 2-4.1 | Bonds (Payment and Performance) | | \$ |
| 2 | 1 | LS | 238990 | 7-9.1.1 | Video Recording of Pre-existing Conditions | | \$ |
| 3 | 1 | LS | 541330 | 7-10.2.6 | Traffic Control Design | | \$ |
| 4 | 1 | LS | 237310 | 7-10.2.6 | Traffic Control | | \$ |
| 5 | 1 | AL | 237310 | 7-10.2.6 | Portable Changeable Message Signs (PCMS) - Type I | | \$5,000.00 |
| 6 | 1 | LS | 237110 | 9-3.4.1 | Mobilization | | \$ |
| 7 | 1 | AL | | 9-3.5 | Field Orders - Type II | | \$200,000.00 |
| 8 | 33,000 | SF | 237310 | 302-4.12.4 | Rubber Polymer Modified Slurry Type II and Striping | \$ | \$ |
| 9 | 1,900 | SF | 237310 | 302-4.12.4 | Continental Crosswalk Striping | \$ | \$ |
| 10 | 1 | LS | 237310 | 302-4.13 | Bond for Slurry Seal | | \$ |
| 11 | 1,800 | SF | 237310 | 302-5.2.1 | Pavement Restoration Adjacent to Trench | \$ | \$ |
| 12 | 3 | EA | 237310 | 303-5.9 | Contractor Date Stamp and Impressions | \$ | \$ |
| 13 | 2 | EA | 237310 | 303-5.10.2 | Curb Ramp Type A with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 14 | 3 | EA | 237310 | 303-5.10.2 | Curb Ramp Type B with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 15 | 2 | EA | 237310 | 303-5.10.2 | Curb Ramp Case B with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 16 | 3 | EA | 237310 | 303-5.10.2 | Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles | \$ | \$ |

| Item | Quantity | Unit | NAICS | Payment Reference | Description | Unit Price | Extension |
|------|----------|------|--------|-------------------|--|--------------|-----------|
| 17 | 1 | EA | 237310 | 303-5.10.2 | Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles Relocate Stop Limit Line | \$ | \$ |
| 18 | 1 | EA | 237310 | 303-5.10.2 | Curb Ramp Type Two-Ramp Corner (Directional) with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 19 | 1 | LS | 237110 | 306-1.1.6 | Trench Shoring | | \$ |
| 20 | 50 | CY | 237110 | 306-1.2.1.1 | Additional Bedding | \$ | \$ |
| 21 | 50 | TON | 237310 | 306-1.5.1 | Temporary Resurfacing | \$ | \$ |
| 22 | 120 | TON | 237110 | 306-1.6 | Imported Backfill | \$ | \$ |
| 23 | 19 | EA | 237110 | 306-1.8.6 | Proposed Manholes (3' x 4') | \$ | \$ |
| 24 | 3 | EA | 237110 | 306-1.8.6 | Replace Existing Manholes (3' x 4') | \$ | \$ |
| 25 | 14 | EA | 237110 | 306-1.8.6 | Repair Manholes (3' x 4') | \$ | \$ |
| 26 | 4 | EA | 237110 | 306-1.6 | Proposed Sewer Main Cleanout | \$ | \$ |
| 27 | 150 | LF | 237110 | 306-5.3 | Abandon and Fill Existing 8" Inch Sewer Main Outside of Trench Limit | \$ | \$ |
| 28 | 40,279 | LF | 237110 | 306-9.7 | Video Inspecting Pipelines for Acceptance | \$ | \$ |
| 29 | 40,279 | LF | 237110 | 306-9.7 | Cleaning and Video Inspecting Existing Pipelines | \$ | \$ |
| 30 | 889 | EA | 237110 | 500-1.1.9 | Lateral Launch Video | \$ | \$ |
| 31 | 848 | LF | 237110 | 500-1.1.9 | Rehabilitate 6-Inch Sewer Main | \$ | \$ |
| 32 | 39,275 | LF | 237110 | 500-1.1.9 | Rehabilitate 8-Inch Sewer Main | \$ | \$ |
| 33 | 156 | LF | 237110 | 500-1.1.9 | Rehabilitate 10-Inch Sewer Main | \$ | \$ |
| 34 | 14 | EA | 237110 | 500-1.2.7 | Point Repair for Existing 8-Inch Sewer Main | \$ | \$ |

| Item | Quantity | Unit | NAICS | Payment Reference | Description | Unit Price | Extension | |
|----------------------------------|----------|------|--------|-------------------|--|---------------|-----------|--|
| 35 | 56 | LF | 237110 | 500-1.2.7 | Additional Point Repair for Existing 8-Inch Sewer Main | \$ | \$ | |
| 36 | 889 | EA | 237110 | 500-4.9 | Service Lateral Connection | \$ | \$ | |
| 37 | 435 | EA | 237110 | 500-1.6.6 | Sewer Lateral Lining with Cleanout up to 7 feet In Depth | \$ | \$ | |
| 38 | 444 | EA | 237110 | 500-1.6.6 | Sewer Lateral Lining with Cleanout Greater than 7 feet In Depth | \$ | \$ | |
| 39 | 10 | EA | 237110 | 500-1.6.6 | Sewer Lateral Lining with Cleanout for Sewer Laterals with Concrete Encasement | \$ | \$ | |
| 40 | 21 | EA | 237110 | 500-2.10.2 | Rehabilitate Existing Manhole | \$ | \$ | |
| 41 | 1 | LS | 541330 | 701-13.9.5 | Water Pollution Control Program Development | \$ | \$ | |
| 42 | 1 | LS | 237310 | 701-13.9.5 | Water Pollution Control Program Implementation | \$ | \$ | |
| 43 | 1 | LS | 237110 | 704-4 | Sewage Bypass and Pumping Plan (Diversion Plan) | \$ | \$ | |
| ESTIMATED TOTAL BASE BID: | | | | | | | \$ | |

LIST OF SUBCONTRACTORS

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR | CONSTRUCTOR OR DESIGNER | SUBCONTRACTOR LICENSE NUMBER | TYPE OF WORK | DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT) | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB | WHERE CERTIFIED ② | CHECK IF JOINT VENTURE PARTNERSHIP |
|--|-------------------------|------------------------------|--------------|--|---|-------------------|------------------------------------|
| Name: _____ 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

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

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

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

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

- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | | |
| 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.

SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATE (USE ONLY WHEN ADDITIVE ALTERNATES ARE REQUIRED)

| ADDITIVE/ DEDUCTIVE ALTERNATE | NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR | CONSTRUCTOR OR DESIGNER | SUBCONTRACTOR LICENSE NUMBER | TYPE OF WORK | DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT) | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB | WHERE CERTIFIED | 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 |

ELECTRONICALLY SUBMITTED FORMS

THE FOLLOWING FORMS MUST BE SUBMITTED IN PDF FORMAT WITH BID SUBMISSION

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. EQUAL BENEFITS ORDINANCE - CERTIFICATION
OF COMPLIANCE**

**Bids will not be accepted until ALL forms are submitted
as part of the bid submittal**

BID BOND

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

KNOW ALL MEN BY THESE PRESENTS,

That _____ as Principal, and
_____ 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

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 _____ day of _____, 20 _____

(Principal) (SEAL)

(Surety) (SEAL)

By: _____
(Signature)

By: _____
(Signature)

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

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: _____

Certified By _____ Title _____
Name

_____ Date _____
Signature

USE ADDITIONAL FORMS AS NECESSARY

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



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

COMPANY INFORMATION

| | |
|------------------|----------------|
| Company Name: | Contact Name: |
| Company Address: | Contact Phone: |
| | Contact Email: |

CONTRACT INFORMATION

| | |
|---|-------------|
| Contract Title: | Start Date: |
| Contract Number (if no number, state location): | End Date: |

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

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

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

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

CONTRACTOR EQUAL-BENEFITS ORDINANCE CERTIFICATION

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

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

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

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

| | | |
|-------------------------|-----------|------|
| Name/Title of Signatory | Signature | Date |
|-------------------------|-----------|------|

FOR OFFICIAL CITY USE ONLY

| | | | |
|---------------|--------------|-----------------------------------|---|
| Receipt Date: | EBO Analyst: | <input type="checkbox"/> Approved | <input type="checkbox"/> Not Approved – Reason: |
|---------------|--------------|-----------------------------------|---|

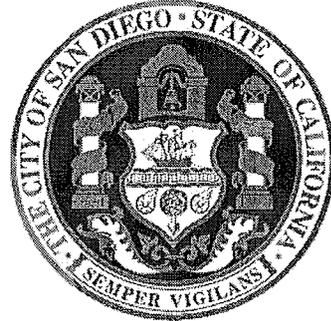
(Rev 02/15/2011)

City of San Diego

CITY CONTACT: Lisa Nguyen, Email: LTNguyen@sandiego.gov.
Phone No. (619) 533-3435, Fax No. (619) 533-3633

ADDENDUM "A"

e - Bidding FOR



Pipeline Rehabilitation AC-1

BID NO.: K-16-1380-DBB-3
SAP NO. (WBS/IO/CC): B-14008
CLIENT DEPARTMENT: 2011
COUNCIL DISTRICT: 4
PROJECT TYPE: JA

BID DUE DATE:

2:00 PM
NOVEMBER 3, 2015
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101

A. CHANGES TO CONTRACT DOCUMENTS

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

B. CERTIFICATIONS AND FORMS

1. To BID ITEMS, pages 145 through 147, **DELETE** in their entirety and **SUBSTITUTE** with pages 3 through 5 of this Addendum.
2. To LIST OF SUBCONTRACTORS, page 148, **DELETE** in its entirety and **SUBSTITUTE** with page 6 of this Addendum.
3. To NAMED EQUIPMENT/MATERIAL SUPPLIER, page 149, **DELETE** in its entirety and **SUBSTITUTE** with page 7 of this Addendum.
4. To SUBCONTRACTOR ADDITIVE/DEDUCTIVE ALTERNATE, page 150, **DELETE** in its entirety.

James Nagelvoort, Director
Public Works Department

Dated: *October 29, 2015*
San Diego, California

JN/AJaro/Lad

BID ITEMS

| Item | Quantity | Unit | NAICS | Payment Reference | Description | Unit Price | Extension |
|-----------------|----------|------|--------|-------------------|--|-----------------------|--------------|
| BASE BID | | | | | | | |
| 1 | 1 | LS | 524126 | 2-4.1 | Bonds (Payment and Performance) | | \$ |
| 2 | 1 | LS | 238990 | 7-9.1.1 | Video Recording of Pre-existing Conditions | | \$ |
| 3 | 1 | LS | 541330 | 7-10.2.6 | Traffic Control Design | | \$ |
| 4 | 1 | LS | 237310 | 7-10.2.6 | Traffic Control | | \$ |
| 5 | 1 | AL | 237310 | 7-10.2.6 | Portable Changeable Message Signs (PCMS) - Type I | | \$5,000.00 |
| 6 | 1 | LS | 237110 | 9-3.4.1 | Mobilization | | \$ |
| 7 | 1 | AL | | 9-3.5 | Field Orders - Type II | | \$200,000.00 |
| 8 | 33,000 | SF | 237310 | 302-4.12.4 | Rubber Polymer Modified Slurry Type II and Striping | \$ | \$ |
| 9 | 1,900 | SF | 237310 | 302-4.12.4 | Continental Crosswalk Striping | \$ | \$ |
| 10 | 1 | LS | 237310 | 302-4.13 | Bond for Slurry Seal | | \$ |
| 11 | 1,800 | SF | 237310 | 302-5.2.1 | Pavement Restoration Adjacent to Trench | \$ | \$ |
| 12 | 3 | EA | 237310 | 303-5.9 | Contractor Date Stamp and Impressions | \$ | \$ |
| 13 | 2 | EA | 237310 | 303-5.10.2 | Curb Ramp Type A with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 14 | 3 | EA | 237310 | 303-5.10.2 | Curb Ramp Type B with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 15 | 2 | EA | 237310 | 303-5.10.2 | Curb Ramp Case B with Stainless Steel Detectable Warning Tiles | \$ | \$ |

| Item | Quantity | Unit | NAICS | Payment Reference | Description | Unit Price | Extension |
|------|----------|------|--------|-------------------|--|---------------|-----------|
| 16 | 3 | EA | 237310 | 303-5.10.2 | Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 17 | 1 | EA | 237310 | 303-5.10.2 | Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles Relocate Stop Limit Line | \$ | \$ |
| 18 | 1 | EA | 237310 | 303-5.10.2 | Curb Ramp Type Two-Ramp Corner (Directional) with Stainless Steel Detectable Warning Tiles | \$ | \$ |
| 19 | 1 | LS | 237110 | 306-1.1.6 | Trench Shoring | \$ | \$ |
| 20 | 50 | CY | 237110 | 306-1.2.1.1 | Additional Bedding | \$ | \$ |
| 21 | 50 | TON | 237310 | 306-1.5.1 | Temporary Resurfacing | \$ | \$ |
| 22 | 120 | TON | 237110 | 306-1.6 | Imported Backfill | \$ | \$ |
| 23 | 19 | EA | 237110 | 306-1.8.6 | Proposed Manholes (3' x 4') | \$ | \$ |
| 24 | 3 | EA | 237110 | 306-1.8.6 | Replace Existing Manholes (3' x 4') | \$ | \$ |
| 25 | 14 | EA | 237110 | 306-1.8.6 | Repair Manholes (3' x 4') | \$ | \$ |
| 26 | 4 | EA | 237110 | 306-1.6 | Proposed Sewer Main Cleanout | \$ | \$ |
| 27 | 150 | LF | 237110 | 306-5.3 | Abandon and Fill Existing 8" Inch Sewer Main Outside of Trench Limit | \$ | \$ |
| 28 | 40,279 | LF | 237110 | 306-9.7 | Video Inspecting Pipelines for Acceptance | \$ | \$ |
| 29 | 40,279 | LF | 237110 | 306-9.7 | Cleaning and Video Inspecting Existing Pipelines | \$ | \$ |
| 30 | 889 | EA | 237110 | 500-1.1.9 | Lateral Launch Video | \$ | \$ |
| 31 | 848 | LF | 237110 | 500-1.1.9 | Rehabilitate 6-Inch Sewer Main | \$ | \$ |
| 32 | 39,275 | LF | 237110 | 500-1.1.9 | Rehabilitate 8-Inch Sewer Main | \$ | \$ |

| Item | Quantity | Unit | NAICS | Payment Reference | Description | Unit Price | Extension | |
|------------------------|----------|------|--------|-------------------|--|---------------|-----------|--|
| 33 | 156 | LF | 237110 | 500-1.1.9 | Rehabilitate 10-Inch Sewer Main | \$ | \$ | |
| 34 | 14 | EA | 237110 | 500-1.2.7 | Point Repair for Existing 8-Inch Sewer Main | \$ | \$ | |
| 35 | 56 | LF | 237110 | 500-1.2.7 | Additional Point Repair for Existing 8-Inch Sewer Main | \$ | \$ | |
| 36 | 889 | EA | 237110 | 500-4.9 | Service Lateral Connection | \$ | \$ | |
| 37 | 435 | EA | 237110 | 500-1.6.6 | Sewer Lateral Lining with Cleanout up to 7 feet In Depth | \$ | \$ | |
| 38 | 444 | EA | 237110 | 500-1.6.6 | Sewer Lateral Lining with Cleanout Greater than 7 feet In Depth | \$ | \$ | |
| 39 | 10 | EA | 237110 | 500-1.6.6 | Sewer Lateral Lining with Cleanout for Sewer Laterals with Concrete Encasement | \$ | \$ | |
| 40 | 21 | EA | 237110 | 500-2.10.2 | Rehabilitate Existing Manhole | \$ | \$ | |
| 41 | 1 | LS | 541330 | 701-13.9.5 | Water Pollution Control Program Development | \$ | \$ | |
| 42 | 1 | LS | 237310 | 701-13.9.5 | Water Pollution Control Program Implementation | \$ | \$ | |
| 43 | 1 | LS | 237110 | 704-4 | Sewage Bypass and Pumping Plan (Diversion Plan) | \$ | \$ | |
| TOTAL BASE BID: | | | | | | | \$ | |

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 (MUST BE FILLED OUT) | SUPPLIER (Yes/No) | MANUFACTURER (Yes/No) | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB | WHERE CERTIFIED |
|--|-----------------------|---|-------------------|-----------------------|---|-----------------|
| Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____ | | | | | | |
| Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____ | | | | | | |

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

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

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

| | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | | |
| 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.

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
NORTH AMERICAN SPECIALTY INSURANCE COMPANY as Surety, are
held and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum of 10%
OF THE TOTAL BID AMOUNT for the payment of which sum, well and truly to be made, we
bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally,
firmly by these presents.

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

PIPELINE REHABILITATION AC-1, BID NUMBER K-16-1380-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 28TH day of OCTOBER, 2015

BURTECH PIPELINE, INCORPORATED (SEAL)
(Principal)

NORTH AMERICAN
SPECIALTY INSURANCE COMPANY (SEAL)
(Surety)

By: [Signature]
(Signature)
DOMINIC J. BURTECH, JR., PRESIDENT

By: [Signature]
(Signature)
MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

California Acknowledgment Form

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 } ss.

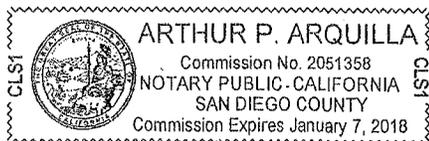
On 11/2/15 before me, **Arthur P. Arquilla, Notary Public**
(here insert name and title of the officer)
personally appeared Dominic Burtch

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.

Seal

WITNESS my hand and official seal.



Signature of Notary

Optional Information

To help prevent fraud, it is recommended that you provide information about the attached document below.
This is not required under California State notary public law.

Document Title: _____ # of Pages: _____

Notes

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.

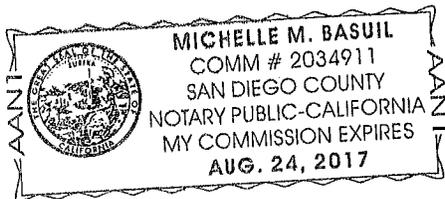
State of California)
County of SAN DIEGO)

On 10/28/2015 before me, MICHELLE M. BASUIL, 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.



Place Notary Seal Above

Signature Michelle M. Basuil
Signature of Notary Public

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: MARK D. IATAROLA
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

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

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Manchester, New Hampshire, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Schaumburg, Illinois, each does hereby make, constitute and appoint:

JOHN G. MALONEY, HELEN MALONEY, MICHELLE M. BASUIL,

and MARK D. IATAROLA

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of: FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9th of May, 2012:

'RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached.'



By [Signature] Steven P. Anderson, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company



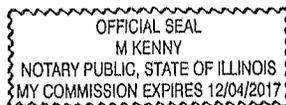
By [Signature] Michael A. Ito, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company

IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 17th day of September, 2015.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 17th day of September, 2015, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Michael A. Ito, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature] M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 28th day of OCTOBER, 2015.

[Signature] Jeffrey Goldberg, Vice President & Assistant Secretary of Washington International Insurance Company & North American Specialty Insurance Company

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 |
|---------------|----------------|----------------------|------------------|--------|----------------------------------|
| | NOT APPLICABLE | | | | |
| | | | | | |
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| | | | | | |

Contractor Name: BURTECH PIPELINE INCORPORATED

Certified By DOMINIC J. BURTECH Title PRESIDENT & CEO
Name

 Date 11/3/15
Signature

USE ADDITIONAL FORMS AS NECESSARY

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



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

COMPANY INFORMATION

Company Name: **BURTECH PIPELINE INCORPORATED** Contact Name: **DOMINIC J. BURTECH**
 Company Address: **102 2ND STREET, ENCINITAS, CA 92024** Contact Phone: **(760) 634-2822**
 Contact Email: **pipemaster7@cox.net**

CONTRACT INFORMATION

Contract Title: **PIPELINE REHABILITATION AC-1** Start Date: **JAN. 2016**
 Contract Number (if no number, state location): **K-16-1380-DBB-3** End Date: **JULY 2016**

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

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

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

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

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

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

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

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

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

DOMINIC BURTECH - President & CEO

Name/Title of Signatory

Signature

11/3/15

Date

FOR OFFICIAL CITY USE ONLY

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

(Rev 02/15/2011)

Bid Results for Project Pipeline Rehabilitation AC-1 (K-16-1380-DBB-3)
 Issued on 10/07/2015
 Bid Due on November 3, 2015 2:00 PM (Pacific)
 Exported on 11/03/2015

| VendorID | Company Name | Address | Address 2 | City | State | ZipCode | Country |
|----------|-------------------------------|-------------------|-----------|-----------|-------|---------|---------------|
| 28900 | Burtech Pipeline Incorporated | 102 Second Street | | Encinitas | | 92024 | United States |

| Responsee | Responsee Title | Responsee Phone | Responsee Email |
|--------------|-----------------|-----------------|---------------------------|
| Buddy Aquino | Chief Estimator | 761-694-2822 | buddy@burtechpipeline.com |

| Bid Format | Submitted Date | Delivery Method | Responsive | Status | Confirmation # | Ranking |
|------------|-----------------|-----------------|------------|-----------|----------------|---------|
| Electronic | 11/3/2015 12:17 | | | Submitted | 66923 | 0 |

| Attachments | | |
|----------------------------|---------------------------------------|---------------------|
| File Title | File Name | File Type |
| BID BOND | Bid Bond.pdf | General Attachments |
| Contractor's Certification | Contractor's Certification of Pending | General Attachments |
| Equal Benefit Ordinance | Equal Benefit Ordinance.pdf | General Attachments |
| Bid Bond | Bid Bond.pdf | Bid Bond |

| Line Items | | | | | | | | | | |
|------------|----------|-----------|--|-----------------|----------|--------------|--------------|----------------|--|--|
| Item Num | Section | Item Code | Description | Unit of Measure | Quantity | Unit Price | Line Total | | | |
| 1 | Main Bid | 524126 | Bonds (Payment and Performance) | LS | 1 | \$30,000.00 | \$30,000.00 | | | |
| 2 | Main Bid | 238990 | Video Recording of Pre-existing Conditions | LS | 1 | \$4,500.00 | \$4,500.00 | | | |
| 3 | Main Bid | 541330 | Traffic Control Design | LS | 1 | \$5,000.00 | \$5,000.00 | | | |
| 4 | Main Bid | 237310 | Traffic Control | LS | 1 | \$5,000.00 | \$5,000.00 | | | |
| 5 | Main Bid | 237310 | Portable Changeable Message Signs (PCMS) - Type I | AL | 1 | \$5,000.00 | \$5,000.00 | | | |
| 6 | Main Bid | 237110 | Mobilization | LS | 1 | \$10,000.00 | \$10,000.00 | | | |
| 7 | Main Bid | | Field Orders - Type II | AL | 1 | \$200,000.00 | \$200,000.00 | | | |
| 8 | Main Bid | 237310 | Rubber Polymer Modified Slurry Type II and Striping | SF | 33000 | \$0.45 | \$14,850.00 | | | |
| 9 | Main Bid | 237310 | Continental Crosswalk Striping | SF | 1900 | \$3.20 | \$6,080.00 | | | |
| 10 | Main Bid | 237310 | Bond for Slurry Seal | LS | 1 | \$10.00 | \$10.00 | | | |
| 11 | Main Bid | 237310 | Pavement Restoration Adjacent to Trench | SF | 1800 | \$1.00 | \$1,800.00 | | | |
| 12 | Main Bid | 237310 | Contractor Date Stamp and Impressions | EA | 3 | \$300.00 | \$900.00 | | | |
| 13 | Main Bid | 237310 | Curb Ramp Type A with Stainless Steel Detectable Warning Tiles | EA | 2 | \$3,150.00 | \$6,300.00 | | | |
| 14 | Main Bid | 237310 | Curb Ramp Type B with Stainless Steel Detectable Warning Tiles | EA | 3 | \$3,150.00 | \$9,450.00 | | | |
| 15 | Main Bid | 237310 | Curb Ramp Case B with Stainless Steel Detectable Warning Tiles | EA | 2 | \$3,150.00 | \$6,300.00 | | | |
| 16 | Main Bid | 237310 | Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles | EA | 3 | \$3,250.00 | \$9,750.00 | | | |
| 17 | Main Bid | 237310 | Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles | EA | 1 | \$3,250.00 | \$3,250.00 | | | |
| 18 | Main Bid | 237310 | Curb Ramp Type Two-Ramp Corner (Directional) with Stainless Ste | EA | 1 | \$5,900.00 | \$5,900.00 | | | |
| 19 | Main Bid | 237110 | Trench Shoring | LS | 1 | \$5,000.00 | \$5,000.00 | | | |
| 20 | Main Bid | 237110 | Additional Bedding | CY | 50 | \$0.01 | \$0.50 | | | |
| 21 | Main Bid | 237310 | Temporary Resurfacing | TON | 50 | \$10.00 | \$500.00 | | | |
| 22 | Main Bid | 237110 | Imported Backfill | TON | 120 | \$0.01 | \$1.20 | | | |
| 23 | Main Bid | 237110 | Proposed Manholes (3' x 4') | EA | 19 | \$8,400.00 | \$159,600.00 | | | |
| 24 | Main Bid | 237110 | Replace Existing Manholes (3' x 4') | EA | 3 | \$9,400.00 | \$28,200.00 | | | |
| 25 | Main Bid | 237110 | Repair Manholes (3' x 4') | EA | 14 | \$1,000.00 | \$14,000.00 | | | |
| 26 | Main Bid | 237110 | Proposed Sewer Main Cleanout | EA | 4 | \$3,500.00 | \$14,000.00 | | | |
| 27 | Main Bid | 237110 | Abandon and Fill Existing 8" Inch Sewer Main Outside of Trench Lip | LF | 150 | \$1.00 | \$150.00 | | | |
| 28 | Main Bid | 237110 | Video Inspecting Pipelines for Acceptance | LF | 40279 | \$0.75 | \$30,209.25 | | | |
| 29 | Main Bid | 237110 | Cleaning and Video Inspecting Existing Pipelines | LF | 40279 | \$0.70 | \$28,195.30 | | | |
| 30 | Main Bid | 237110 | Lateral Launch Video | EA | 889 | \$55.00 | \$48,895.00 | | | |
| 31 | Main Bid | 237110 | Rehabilitate 6-Inch Sewer Main | LF | 848 | \$33.00 | \$27,984.00 | | | |
| 32 | Main Bid | 237110 | Rehabilitate 8-Inch Sewer Main | LF | 39275 | \$21.80 | \$856,195.00 | | | |
| 33 | Main Bid | 237110 | Rehabilitate 10-Inch Sewer Main | LF | 156 | \$67.00 | \$10,452.00 | | | |
| 34 | Main Bid | 237110 | Point Repair for Existing 8-Inch Sewer Main | EA | 14 | \$3,000.00 | \$42,000.00 | | | |
| 35 | Main Bid | 237110 | Additional Point Repair for Existing 8-Inch Sewer Main | LF | 56 | \$1.00 | \$56.00 | | | |
| 36 | Main Bid | 237110 | Service Lateral Connection | EA | 889 | \$750.00 | \$666,750.00 | | | |
| 37 | Main Bid | 237110 | Sewer Lateral Lining with Cleanout up to 7 Feet in Depth | EA | 435 | \$1,650.00 | \$717,750.00 | | | |
| 38 | Main Bid | 237110 | Sewer Lateral Lining with Cleanout Greater than 7 Feet in Depth | EA | 444 | \$1,650.00 | \$732,600.00 | | | |
| 39 | Main Bid | 237110 | Sewer Lateral Lining with Cleanout for Sewer Laterals with Concret | EA | 10 | \$1,850.00 | \$18,500.00 | | | |
| 40 | Main Bid | 237110 | Rehabilitate Existing Manhole | EA | 21 | \$1,750.00 | \$36,750.00 | | | |
| 41 | Main Bid | 541330 | Water Pollution Control Program Development | LS | 1 | \$550.00 | \$550.00 | | | |
| 42 | Main Bid | 237310 | Water Pollution Control Program Implementation | LS | 1 | \$1,500.00 | \$1,500.00 | | | |
| 43 | Main Bid | 237110 | Sewage Bypass and Pumping Plan (Diversion Plan) | LS | 1 | \$500.00 | \$500.00 | | | |
| | | | | | | | Subtotal | \$3,764,428.25 | | |
| | | | | | | | Total | \$3,764,428.25 | | |

| Subcontractors | | | | | | | | | |
|------------------------------------|---|-------------|----------------|---------------------------|-------------------------------|-----------|---------------|--|--|
| Name | Description | License Num | Amount | Type | Address | Address 2 | City | | |
| HUDSON SAFE-T-LITE RENTALS | Item 3 - Traffic Control Designs | 788289 | \$4,800.00 | SLBE | 777 GABLE WAY | | EL CAJON | | |
| Zebtron | Item 40 - Manhole Rehab | 855170 | \$36,750.00 | | P.O. Box 2874 | | Newport Beach | | |
| McGrath Consulting | Item 41 WPCP Development | 11MH0280 | \$450.00 | ELBE | PO BOX 20205 | | El Cajon | | |
| Tri-Group Construction & Developme | Item 38 Cleanouts Greater than 7" Deep | 792159 | \$528,000.00 | SLBE,CADIR | 9580 Black Mountain Rd, Ste L | | San Diego | | |
| Payco Specialties Inc. | Items 8 & 9 for Striping and Continental Cr | 298637 | \$7,590.00 | SLBE | 120 North Second Ave | | Chula Vista | | |
| Nu-Line Technologies, LLC | Items 28-33 & 36 for CCTV, Cleaning, LLV, N | 997520 | \$1,040,214.28 | FEM,MBE,CADIR,WBE | 102 Second Street, Suite B | | Encinitas | | |
| G. Scott Asphalt, Inc. | Slurry Sealing | 751836 | \$12,020.00 | J,MALE,SLBE,DVBE,SDVSB,PO | 358 Trousdale Drive | | Chula Vista | | |
| YBS CONCRETE INC. | Curb Ramps, Sidewalks and Trucking | 885270 | \$247,550.00 | CADIR,ELBE,LAT,MALE | 821 KUHN DR. STE 204 | | CHULA VISTA | | |

| Self Performance |
|------------------|
| 0.4327 |