

# City of San Diego

CONTRACTOR'S NAME: Southwest Pipeline and Trenchless Corp.  
ADDRESS: 22118 S. Vermont Avenue, Torrance, CA 90502  
TELEPHONE NO.: 310-329-8717 FAX NO.: 310-329-0981  
CITY CONTACT: Michelle Muñoz, Contract Specialist, Email: MichelleM@sanidiego.gov  
Phone No. (619) 533-3482, Fax No. (619) 533-3633  
C. Crown/RWBustamante/egz

## BIDDING DOCUMENTS



FOR ORIGINAL

## Pipeline Rehabilitation AJ-1

BID NO.: K-17-1493-DBB-3-A  
SAP NO. (WBS/IO/CC): B-15201  
CLIENT DEPARTMENT: 2011  
COUNCIL DISTRICT: 4  
PROJECT TYPE: JA

**THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:**

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

**BID DUE DATE:**

**2:00 PM  
DECEMBER 14, 2016  
CITY OF SAN DIEGO  
PUBLIC WORKS CONTRACTS  
1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, MS 614C  
SAN DIEGO, CA 92101**

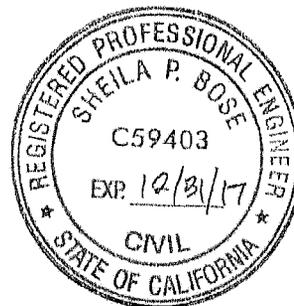
**ENGINEER OF WORK**

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

  
\_\_\_\_\_  
For City Engineer

11/3/16  
\_\_\_\_\_  
Date

Seal



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## NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Pipeline Rehabilitation AJ-1**. For additional information refer to Attachment A.
2. **FULL AND OPEN COMPETITION:** This contract is open to full competition and may be bid on by Contractors who are on the City's current Prequalified Contractors' List. For information regarding the Contractors Prequalified list visit the City's website: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$4,800,000**.
4. **BID DUE DATE AND TIME ARE: DECEMBER 14, 2016, at 2:00 PM.**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** The City has determined that the following licensing classification(s) are required for this contract: Class A or C34
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
  - 7.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1.	SLBE participation	<b>4.5%</b>
2.	ELBE participation	<b>10.8%</b>
3.	Total mandatory participation	<b>15.3%</b>
  - 7.2. The Bid may be declared non-responsive if the Bidder fails the following mandatory conditions:
    - 7.2.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; **OR**
    - 7.2.2. 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.

**8. PRE-BID MEETING:**

- 8.1.** Prospective Bidders are **encouraged** to attend the Pre-Bid Meeting. The purpose of the meeting is to discuss the scope of the Project, submittal requirements, the pre-qualification process and any Equal Opportunity Contracting Program requirements and reporting procedures. To request a sign language or oral interpreter for this visit, call the Public Works Contracts Division at (619) 533-3450 at least 5 Working Days prior to the meeting to ensure availability. The Pre-Bid meeting is scheduled as follows:

**Date: November 17, 2016**  
**Time: 10:00 AM**  
**Location: 1010 Second Avenue Suite 1400, San Diego, CA 92101**

Attendance at the Pre-Bid Meeting will be evidenced by the Bidder's representative's signature on the attendance roster. It is the responsibility of the Bidder's representative to complete and sign the attendance roster.

**9. AWARD PROCESS:**

- 9.1.** The Award of this contract is contingent upon the Contractor's compliance with all conditions of Award as stated within these documents and within the Notice of Intent to Award.
- 9.2.** Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening. The City will then award the Contract within approximately 14 days of receipt of properly signed Contract, bonds, and insurance documents.
- 9.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
- 9.4.** The low Bid will be determined by Base Bid alone.
- 9.5.** Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base bid alone.

**10. SUBMISSION OF QUESTIONS:**

- 10.1.** The Public Works Department is responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. Any questions related to this solicitation shall be submitted to:

Public Works Contracts  
1010 Second Avenue, 14<sup>th</sup> Floor  
San Diego, California, 92101  
Attention: Michelle Muñoz

OR:

[MichelleM@sandiego.gov](mailto:MichelleM@sandiego.gov)

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

**11. PHASED FUNDING:** For Phased Funding Conditions, see Attachment B.

## INSTRUCTIONS TO BIDDERS

### 1. PREQUALIFICATION OF CONTRACTORS:

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

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

- 1.2. 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](mailto:dstucky@sandiego.gov).
- 1.3. Due to 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 PlanetBids<sup>TM</sup>.

### 2. ELECTRONIC FORMAT RECEIPT AND OPENING OF BIDS: Bids will be received in electronic format (eBids) EXCLUSIVELY at the City of San Diego's electronic bidding (eBidding) site, at: <http://www.sandiego.gov/cip/bidopps/index.shtml> and are due by the date, and time shown on the cover of this solicitation.

- 2.1. BIDDERS MUST BE PRE-REGISTERED with the City's bidding system and possess a system-assigned Digital ID in order to submit an electronic bid.
- 2.2. The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.
- 2.3. The City's electronic bidding system is responsible for bid tabulations. Upon the bidder's or proposer's entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.

- 2.4. **BIDS REMAIN SEALED UNTIL BID DEADLINE.** eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the "Bid Due Date and Time" are not available for review by anyone other than the submitter which has until the "Bid Due Date and Time" to change, rescind or retrieve its proposal should it desire to do so.
- 2.5. **BIDS MUST BE SUBMITTED BY BID DUE DATE AND TIME.** Once the bid deadline is reached, no further submissions are accepted into the system. Once the Bid Due Date and Time has lapsed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, EOCP compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.
- 2.6. **RECAPITULATION OF THE WORK.** Bids shall not contain any recapitulation of the Work. Conditional Bids may be rejected as being non-responsive. Alternative proposals will not be considered unless called for.
- 2.7. **BIDS MAY BE WITHDRAWN** by the Bidder only up to the bid due date and time.
  - 2.7.1. **Important Note:** Submission of the electronic bid into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the bidder's submission to upload and be received by the City's eBidding system. It is the bidder's sole responsibility to ensure their bids are received on time by the City's eBidding system. The City of San Diego is not responsible for bids that do not arrive by the required date and time.
- 2.8. **ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE.** : To request a copy of this solicitation in an alternative format, contact the Public Works Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the Bid/Proposal due date to ensure availability.

### **3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT**

- 3.1. The bidder, by submitting its electronic bid, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.
- 3.2. By submitting an electronic bid, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of the plans and specifications, drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its bid proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents, including any addenda issued thereto, and

incorporated by reference in the Contract Documents.

- 3.3. The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this bid are true and correct.
- 3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days (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.
4. **BIDS ARE PUBLIC RECORDS:** Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.
5. **CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:**
  - 5.1. **Prior** to the Award of the Contract or Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and bid management system. For additional information go to:  
  
<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.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 WILL APPLY:** Refer to Attachment D.
8. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract. Refer to Attachment E.

**9. INSURANCE REQUIREMENTS:**

- 9.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City’s Notice of Intent to Award letter.
- 9.2. Refer to sections 7-3, “LIABILITY INSURANCE”, and 7-4, “WORKERS’ COMPENSATION INSURANCE” of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

**10. 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”) <a href="http://www.greenbookspecs.org/">http://www.greenbookspecs.org/</a>	2015	PWPI070116-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)* <a href="https://www.sandiego.gov/publicworks/edocref/greenbook">https://www.sandiego.gov/publicworks/edocref/greenbook</a>	2015	PWPI070116-02
City of San Diego Standard Drawings* <a href="https://www.sandiego.gov/publicworks/edocref/standarddraw">https://www.sandiego.gov/publicworks/edocref/standarddraw</a>	2016	PWPI070116-03
Citywide Computer Aided Design and Drafting (CADD) Standards <a href="https://www.sandiego.gov/publicworks/edocref/drawings">https://www.sandiego.gov/publicworks/edocref/drawings</a>	2016	PWPI092816-04
California Department of Transportation (CALTRANS) Standard Specifications - <a href="http://www.dot.ca.gov/des/oe/construction-contract-standards.html">http://www.dot.ca.gov/des/oe/construction-contract-standards.html</a>	2015	PWPI092816-05
CALTRANS Standard Plans - <a href="http://www.dot.ca.gov/des/oe/construction-contract-standards.html">http://www.dot.ca.gov/des/oe/construction-contract-standards.html</a>	2015	PWPI092816-06
California Manual on Uniform Traffic Control Devices Revision 1 (CA MUTCD Rev 1) - <a href="http://www.dot.ca.gov/trafficops/camutcd/">http://www.dot.ca.gov/trafficops/camutcd/</a>	2014	PWPI092816-07
<b>NOTE:</b> *Available online under Engineering Documents and References at: <a href="http://www.sandiego.gov/publicworks/edocref/index.shtml">http://www.sandiego.gov/publicworks/edocref/index.shtml</a>		

**11. CITY'S RESPONSES AND ADDENDA:** The City, at its discretion, may respond to any or all questions submitted in writing via the City’s eBidding web site in the **form of an addendum**. No other responses to questions, oral or written shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addenda are made

effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.

12. **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.
13. **CONTRACT PRICING:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.
14. **SUBCONTRACTOR INFORMATION:**
  - 14.1. **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.
  - 14.2. **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.

- 14.3. **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.
15. **SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.
16. **AWARD PROCESS:**
  - 16.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
  - 16.2. Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.
  - 16.3. This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
17. **SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.
18. **AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.
19. **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 ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.

- 22.3. The City reserves the right to reject any or all Bids, to waive any informality or technicality in Bids received, and to waive any requirements of these specifications as to bidding procedure.
- 22.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City within 3 Working Days of the bid opening, written notice from the Bidder which shows proof of honest, credible, clerical error of a material nature, free from fraud or fraudulent intent; and of evidence that reasonable care was observed in the preparation of the Bid.
- 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 the San Diego Municipal Code.
- 22.6. The City of San Diego will not discriminate in the award of contracts with regard to race, religion creed, color, national origin, ancestry, physical handicap, marital status, sex or age.
- 22.7. Each Bid package properly signed as required by these specifications shall constitute a firm offer which may be accepted by the City within the time specified herein.
- 22.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of the base bid and any proposed alternates or options as detailed herein.

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

**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 Contractor Standards.
- 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.

## PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

---

### FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Southwest Pipeline and Trenchless Corp., a corporation, as principal, and  
Liberty Mutual Insurance Company, a corporation authorized to do  
business in the State of California, as Surety, hereby obligate themselves, their successors and  
assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of  
Four Million Ninety Two Thousand Five Hundred Eighteen Dollars and Zero Cents (\$4,092,518.00)  
for the faithful performance of the annexed contract, and in the sum of Four Million  
Ninety Two Thousand Five Hundred Eighteen Dollars and Zero Cents (\$4,092,518.00) for the  
benefit of laborers and materialmen designated below.

### Conditions:

If the Principal shall faithfully perform the annexed contract with the City of San Diego,  
California, then the obligation herein with respect to a faithful performance shall be void; otherwise it  
shall remain in full force.

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

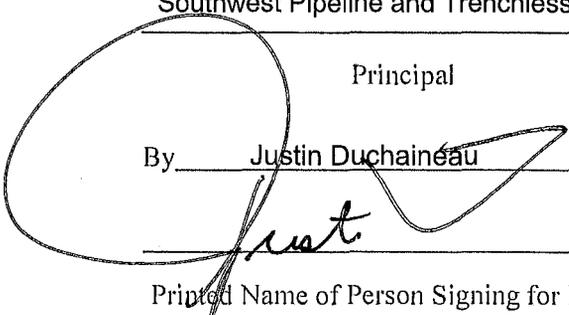
The obligation herein with respect to laborers and materialmen shall inure to the benefit of all  
persons, firms and corporations entitled to file claims under the provisions of Article 2. Claimants, (iii)  
public works of improvement commencing with Civil Code Section 9100 of the Civil Code of the State  
of California.

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

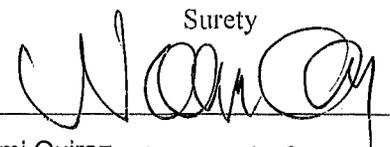
**PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND**  
(continued)

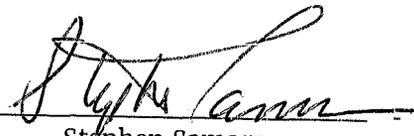
The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated January 25, 2017

Approved as to Form Southwest Pipeline and Trenchless Corp.  
Principal  
By Justin Duchaineau  
  
Printed Name of Person Signing for Principal

Mara W. Elliot, City Attorney  
By   
Deputy City Attorney

Liberty Mutual Insurance Company  
Surety  
By   
Noemi Quiroz, Attorney-in-fact

Approved:  
By:   
Stephen Samara  
Principal Contract Specialist  
Public Works Department

790 The City Drive South, Suite 200  
Local Address of Surety  
Orange, CA 92868  
Local Address (City, State) of Surety

(714)634-5720

Local Telephone No. of Surety

Premium \$ 30,960.00

Bond No. 024071411

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**Civil Code § 1189**

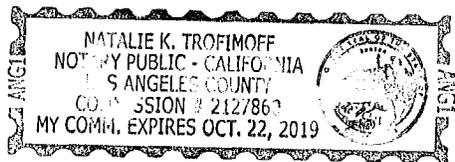
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

State of California )  
 ) ss  
County of Los Angeles )

On JAN 25 2017, before me, Natalie K. Trofimoff, Notary Public, personally appeared Noemi Quiroz, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.



(Seal)

Signature: *Natalie K. Trofimoff*  
Natalie K. Trofimoff, Notary Public



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

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

### POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, **Noemi Quiroz**

of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: 024071411

Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 26th day of September, 2016.



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

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

STATE OF PENNSYLVANIA ss  
COUNTY OF MONTGOMERY

On this 26th day of September, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



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

By: Teresa Pastella  
Teresa Pastella, Notary Public

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

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 25th day of January, 2017.



By: Renee C. Llewellyn  
Renee C. Llewellyn, Assistant Secretary

## ATTACHMENTS

**ATTACHMENT A**  
**SCOPE OF WORK**

## SCOPE OF WORK

1. **SCOPE OF WORK:** Rehabilitation of approximately 39,789 LF (7.54 miles) of existing VC sewer mains and replacement of 239 LF (0.05 miles) of existing VC sewer mains for total of 40,028 LF (7.59 miles). Includes point repairs at mains and manholes, manhole rehabilitation, manhole replacement, installation of new manholes, installation of cleanouts, rehabilitation of existing laterals and curb ramp installation.

1.1. The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Bids, inclusive.

2. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$4,800,000.00**.

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

See Appendix E for the Location Map.

4. **CONTRACT TIME:** The Contract Time for completion of the Work, shall be **340 Working Days**.

4.1. **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) may render the Bid as **non-responsive** and ineligible for award.

4.2. The City has determined that the following licensing classification(s) are required for this contract:

Option	Classifications
1	CLASS A
2	CLASS C34

4.3. 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, the next Apparent Low Bidder is to provide the Pre-Award Schedule within 5 Working Days after receiving notice. This process will continue until the City has selects an Awardee or rejects all Bids.
- 1.4.** The first Phased Funding Schedule Agreement must show the fund availability for the first phase. Upon selection of the Awardee and acceptance by the City of the Pre-Award Schedule, the City will present the first Phased Funding Schedule Agreement to you.
- 1.5.** At the City's request, meet with the City's project manager before execution of the first Phased Funding Schedule Agreement to discuss their comments and requests for revision to the Pre-Award Schedule.
- 1.6.** Your failure to perform the any of 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 AGREEMENT**

**Check one:**

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

**BID NUMBER:** K-17-1493-DBB-3-A

**CONTRACT OR TASK TITLE:** Pipeline Rehabilitation AJ-1

**CONTRACTOR:** Southwest Pipeline and Trenchless Corp.

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1	Construction activities associated with this contract and specifications.	NTP	31AUG2017	\$1,000,000.00
2	Construction activities associated with this contract and specifications.	01SEP2017	NOC	\$3,092,518.00
Total				\$4,092,518.00

Notes:

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

CITY OF SAN DIEGO

By: Sheila Bose

Name: Sheila Bose  
Project Manager

Department Name: PWD

Date: 2/23/17

CONTRACTOR

By: Justin P. Duchaineau

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

Title: \_\_\_\_\_

Date: 2/14/17

**END OF PHASED FUNDING SCHEDULE AGREEMENT**

**ATTACHMENT C**  
**INTENTIONALLY LEFT BLANK**

**ATTACHMENT D**  
**PREVAILING WAGES**

## PREVAILING WAGES

1. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.
  - 1.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
    - 1.1.1. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
    - 1.1.2. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.
  - 1.2. **Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

- 1.3. Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 1.3.1.** 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.
- 1.4. Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 1.5. Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on 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.
- 1.6. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 1.7. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 1.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.

**1.9. 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.

**1.9.1.** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

**ATTACHMENT E**  
**SUPPLEMENTARY SPECIAL PROVISIONS**

## **SUPPLEMENTARY SPECIAL PROVISIONS**

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

- 1) The **2015 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
- 2) The **2015 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), addressed as the "City Supplement" herein, including the following:
  1. General Provisions (A) for all Contracts.

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

- 1-2 TERMS AND DEFINITIONS.** To the City Supplement, item 54, "Normal Working Hours", 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 shall perform, with your own organization, Contract Work amounting to at least 30% of the base Bid **AND** 30% of any alternates.
- 2-14.3 Coordination.** To the City Supplement, ADD the following:
2. Other adjacent City projects are scheduled for construction for the same time period in the vicinity. See Appendix "F" for the approximate location. Coordinate the Work with the adjacent projects as listed below:
    - a) Pipeline Rehabilitation AI-1, Project Manager Elham Lotfi, email: elham@sandiego.gov or phone (619) 533-5212.
- 2-16 CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM.** To the City Supplement, item 1, DELETE in its entirety.

## SECTION 4 - CONTROL OF MATERIALS

- 4-1.3.6 Preapproved Materials.** To the City Supplement, ADD the following:
3. You shall submit in writing a list of all products to be incorporated in the Work that are on the AML.
- 4-1.6 Trade Names or Equals.** To the City Supplement, ADD the following:
11. You shall submit your list of proposed substitutions for an "equal" item **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 5 - UTILITIES

- 5-2 PROTECTION.** To the City Supplement, item 2, ADD the following:
- g) Refer to **Appendix "N"** for more information on the protection of AMI devices.
- 5-6 COOPERATION.** ADD the following:
1. Notify SDG&E at least **10 Working Days** prior to excavating within 10 feet of SDG&E Underground High Voltage Transmission Power Lines (69 KV and higher).

## SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

**ADD:**

- 6-3.2.1.1 Environmental Document.**
1. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a Notice of Exemption for Pipeline Rehabilitation AJ-1 as referenced in the Contract Appendix. You shall comply with all requirements of the Notice of Exemption as set forth in Appendix A.
  2. Compliance with the City's environmental document shall be included in the Contract Price.
- 6-7 TIME OF COMPLETION.** To the City Supplement, ADD the following:
2. You shall complete the liner installation of all segments of sewer mains and the lateral reinstatements as verified by the Engineer within 260 Working Days from the date of NTP. Complete the remaining Work as part of this project, including lateral lining and post-lining CCTV video, within the remaining number of Working Days.

**6-7.1**

**General.** To the City Supplement, item 3, ADD the following:

- d) 30 Days for full depth asphalt final mill and resurfacing work required per SDG-107.
- e) Where shutdowns of 16 inch and larger pipes are required, there is a shutdown moratorium from May until October. Plan and schedule Work accordingly. No additional payment or Working Days will be granted for delays due to the moratorium.

**SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR**

**7-3**

**INSURANCE.** DELETE in its entirety and SUBSTITUTE with the following:

**7-3**

**INSURANCE.**

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

**7-3.1**

**Policies and Procedures.**

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

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$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 shall provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles ("Any Auto").
2. All costs of defense shall be outside the limits of the policy.

**7-3.2.3 Contractors Pollution Liability Insurance.**

1. You shall procure and maintain at your expense or require your 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 shall be outside the limits of the policy. Any such insurance provided by your Subcontractor instead of you shall be approved separately in writing by the City.
3. For approval of a substitution of your Subcontractor's insurance, you shall certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible shall not exceed \$25,000 per claim.
4. Contractual liability shall include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There shall 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 shall be procured before the Work commences and shall be maintained for the Contract Time. Claims Made policies shall be procured before the Work commences, shall be maintained for the Contract Time, and shall include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
6. Except as provided for under California law, the policy or policies shall 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.

#### **7-3.2.4**

#### **Contractors Hazardous Transporters Pollution Liability Insurance.**

1. You shall provide at your expense or require your Subcontractor to provide, as described below, Contractors Hazardous Transporters Pollution Liability Insurance including contractual liability coverage to cover liability arising out of transportation of hazardous or toxic, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit per occurrence/aggregate for bodily injury and property damage.
2. All costs of defense shall be outside the limits of the policy. The deductible shall not exceed \$25,000 per claim. Any such insurance provided by a subcontractor instead of you shall be approved separately in writing by the City.
3. For approval of the substitution of Subcontractor's insurance the Contractor shall certify that all activities for which Contractors Hazardous Transporters Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance.
4. Contractual liability shall include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There shall be no endorsement or modification of the

coverage limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. Occurrence based policies shall be procured before the Work commences and shall be maintained for the duration of this Contract. Claims Made policies shall be procured before the Work commences, shall be maintained for the duration of this contract, and shall include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work under this Contract without advancing the retroactive date.

5. Except as provided for under California law, the policy or policies shall 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 shall be carried only by responsible insurance companies with a rating of, or equivalent to, at least "A-, VI" by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, 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 shall 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 shall 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.**

1. You shall 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.
2. To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy shall be endorsed to include the City and its

respective elected officials, officers, employees, agents, and representatives as additional insured.

3. The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more shall 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.
4. The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 shall 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 shall be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it shall provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

**7-3.5.1.3 Project General Aggregate Limit.** The policy or policies shall be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work shall reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit shall be in addition to the aggregate limit provided for the products-completed operations hazard.

**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 shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

### **7-3.5.3 Contractors Pollution Liability Insurance Endorsements.**

#### **7-3.5.3.1 Additional Insured.**

1. The policy or policies shall 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 shall 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.

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

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

**7-3.5.4 Contractors Hazardous Transporters Pollution Liability Insurance Endorsements.**

**7-3.5.4.1 Additional Insured.**

1. The policy or policies shall 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 shall 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.

2. 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 are 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 shall be limited to obligations permitted by California Insurance Code §11580.04.

**7-3.5.4.2 Primary and Non-Contributory Coverage.** The policy or policies shall be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

**7-3.5.4.3 Severability of Interest.** For Contractors Hazardous Transporters Pollution Liability Insurance, the policy or policies shall provide that your insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability and shall provide cross-liability coverage.

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

**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 shall 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 shall follow the form of the primary policy or policies e.g., all endorsements.

**7-4 Not Used.** DELETE in its entirety and SUBSTITUTE with the following:

**7-4 Workers' Compensation Insurance and Employers Liability Insurance.**

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

2. Limits for this insurance shall 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 requires 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 shall comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

**7-4.1. Waiver of Subrogation.** The policy or policies shall be endorsed to provide that the insurer will waive all rights of subrogation against the City and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from Work performed by the Named Insured for the City.

**7-8.6 Water Pollution Control.** To the City Supplement, ADD the following:

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

**7-20 ELECTRONIC COMMUNICATION.** To the City Supplement, ADD the following:

2. Virtual Project Manager shall be used on this Contract.

**7-21.1 General.** To the City Supplement, item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. During the construction phase of projects, the minimum waste management reduction goal is 90% of the inert material (a material not subject to decomposition such as concrete, asphalt, brick, rock, block, dirt, metal, glass, and etc.) and 65% of the remaining project waste. You shall provide appropriate documentation, including a Waste Management Form attached as an appendix, and evidence of recycling and reuse of materials to meet the waste reduction goals specified.

## **SECTION 9 - MEASUREMENT AND PAYMENT**

**ADD:**

**9-3.7 Compensation Adjustments for Price Index Fluctuations.** To the City Supplement ADD the following:

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

## **SECTION 203 - BITUMINOUS MATERIALS**

**203-3.4.4 RUBBER POLYMER MODIFIED SLURRY (RPMS).** To the City Supplement, ADD the following:

1. RPMS shall be used on this Contract.

## **SECTION 209 - PRESSURE PIPE**

**209 PRESSURE PIPE.** To the City Supplement, ADD the following:

2. PVC products, specifically type C900 and C905, as manufactured or distributed by J-M Manufacturing Company or JM Eagle shall not be used on the Contract for pressurized pipe.

## SECTION 302 – ROADWAY SURFACING

**302-4.12.2.1 General.** To the City Supplement, ADD the following:

3. When Type I is to be applied over Type III, corrective action in accordance with 302-4.11.1.2, "Reduction in Payment Based on WTAT" such as reductions in payment, non-payment, or removal of Type III material not meeting specifications as directed by the Engineer shall be executed prior to the application of the Type I material.
4. Slurry Seal Work shall be placed along Sea Breeze Drive and as directed by the Engineer.

**302-4.12.4 Measurement and Payment.** To the City Supplement, item 2, Bid Description Table, ADD the following:

BID DESCRIPTION	UNIT
Rubber Polymer Modified Slurry (RPMS) Type I Over Type III and Striping	SF

## SECTION 304 – METAL FABRICATION AND CONSTRUCTION

**304-5 PAYMENT.** To the City Supplement, REVISE section "304-5" to "304-6".

## SECTION 500 – PIPELINE, MANHOLE, AND STRUCTURE REHABILITATION

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

4. Within 3 Working Days of the Bid opening date, the 3 apparent low bidders shall submit the following:
  - a) Contractor's Experience; past project documentation
  - b) Manufacturer Certification
  - c) Authorize Installer Certificates

**ADD:**

**500-1.1.6.1 Order of Work for Rehabilitation Installation.**

1. Rehabilitation shall be performed in the following order of Work:
  - a) First: Rehabilitation of Sewer Main, including sampling and testing.
  - b) Second: Installation of Sewer Lateral Connections and End Seals.
  - c) Third: Rehabilitation of Sewer Laterals, including sampling and testing.

2. You shall plan and schedule Work accordingly. Additional payment for demobilization or mobilization and additional Working Days shall not be granted for delays due to the order of rehabilitation Work.

**500-1.6.6 Payment.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

1. The payment for the service lateral rehabilitation Work of existing sewer laterals, existing cast iron sewer laterals, cleanout installations at the access point, and manual excavations for cleanout pits shall be included in the following Bid items:

Service Lateral Rehabilitation with Cleanout up to 7 Feet in Depth
Service Lateral Rehabilitation with Cleanout Greater than 7 Feet in Depth
Service Lateral Rehabilitation with Manually Excavated Cleanout up to 7 Feet in Depth
Service Lateral Rehabilitation with Manually Excavated Cleanout Greater than 7 Feet in Depth
Service Lateral Rehabilitation of Cast Iron Lateral with Cleanout Greater than 7 Feet in Depth
Service Lateral Rehabilitation of Cast Iron Lateral with Cleanout up to 7 Feet in Depth
Service Lateral Rehabilitation of Cast Iron Lateral with Manually Excavated Cleanout Greater than 7 Feet in Depth
Service Lateral Rehabilitation of Cast Iron Lateral with Manually Excavated Cleanout up to 7 Feet in Depth

These Bid items shall include all necessary labor, materials, and equipment in order to clean, repair, and line the Sewer Lateral.

2. The point repair Work for sewer laterals shall be in accordance with 500-1.2, "Pipeline Point Repair/Replacement" and shall be included in the Bid item for each "Point Repair for Existing Sewer Lateral". Measurement shall be made at the pipe and shall be based on the length of pipe repaired. You shall be paid for 1 point repair for each repair 8 ft (2.43 m) or less in length. This payment shall include all necessary labor, materials, and equipment to clean, repair, excavate, and inspect the Point Repair.
3. The payment for cleaning and video inspection for rehabilitated laterals shall be paid in accordance with 306-18.7, "Payment".

**500-2.10.2 Payment.** ADD the following:

1. The payment for rehabilitation and repair Work for existing manholes, identified as "Point Repair Manhole" in the Contract Documents, in excess of what is defined in 500-2.3, "Repair, Resurfacing, and Active Infiltration" shall be included in the unit price Bid item for "Rehabilitate Existing Manhole with Point Repair" and shall include the installation of the lining system, surface preparation and repairs, and performance testing.

**EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)  
SECTION A - GENERAL REQUIREMENTS**

- 4.1 Nondiscrimination in Contracting Ordinance.** To the City Supplement, subsection 4.1.1, paragraph (2), sentence (1), DELETE in its entirety and SUBSTITUTE with the following:

You shall not discriminate on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring, or treatment of subcontractors, vendors, or suppliers.

**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 92101-2400

FROM: City of San Diego  
Development Services Department  
1222 First Avenue, MS 501  
San Diego, CA 92101

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

Project No.: **B-15201.02.06**

Project Title: **Pipeline Rehabilitation AJ-1**

Project Location-Specific: The project is located throughout several locations in the Skyline-Paradise Hills Community Planning Area of the City of San Diego in Council District 4. Project specific locations are within City-owned easements, City Open Space and public right-of-ways along the following streets: Reo Drive, Reo Court, Olive Avenue, Plumas Street, Altamont Circle, Altamont Drive, Altamont Place, Altamont Court, Altamont Way, Ridgewood Drive, Alleghany Street, Sea Breeze Drive, Calle Serena, Chattanooga Street, Blueridge Street, Hopkins Street, Calle Sal Si Puedes, Dardaina Drive, Minoa Way, Ares Way, Demeter Way, Pettigo Drive, Artemia Way, Beatrice Court, Beatrice Street, Rhoades Road, Garber Avenue, Oval Drive, Plato Drive, Anallise Way, Lockford Avenue, Hutton Avenue, Keen Drive, Rockne St, Allew Way, Morton Way, Hedges Way, Parthenon Drive, Omega Drive, Aristotle Drive, Parkside Avenue, Sylvy Way, Pinecone Lane, Stonepine Lane, Camphor Lane, Dusk Drive, View Point Drive, Casey Street, Tooma Street, Applan Drive, Latrobe Circle, Alsacia Street and Barbey Street.

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

Description of nature and purpose of the Project: The project will rehabilitate approximately 39,789 LF (7.53 miles) of existing 8-inch and 10-inch deteriorated sewer pipeline and replace approximately 239 LF (0.04 miles) of existing sewer main in place. Associated work also includes point repairs, service lateral rehabilitation, rehabilitation of existing manholes, replacement of manholes, installation of cleanouts, new curb ramps, and street resurfacing. Construction methods would include open trenching and rehabilitation using trenchless technology. A traffic control plan and best management practices will be implemented during construction.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: City of San Diego Public Works Department  
Casey Crown, Project Manager  
525 B Street, Suite 750  
San Diego, CA 92101  
619.533.5485

Exempt Status: (CHECK ONE)

- ( ) Ministerial (Sec. 21080(b)(1); 15268);
- ( ) Declared Emergency (Sec. 21080(b)(3); 15269(a));
- ( ) Emergency Project (Sec. 21080(b)( 4); 15269 (b)(c))
- ( X ) Categorical Exemption: Sec.15301(b) [Existing Facilities]; 15302(c) [Replacement or Reconstruction]; 15303(d) [New Construction], and 15304(f) [Minor Alterations to Land]
- ( ) Statutory Exemption:

Reasons why project is exempt: The City of San Diego conducted an environmental review which determined the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Section 15301(b), which allows for operation, repair, maintenance and permitting or minor alteration of existing public or private structures, facilities, and mechanical equipment involving negligible or no expansion of use including existing facilities of both investor and publicly owned utilities used to provide electric power, natural gas, sewerage, or other public utility services; Section 15302 (c) allows for replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity; Section 15303(d) [New Construction] allows for construction and location of limited numbers of new, small equipment and facilities including sewerage facilities; Section 15304 (f) allows for minor trenching and backfilling when the surface is restored; and where the exceptions listed in Section 15300.2 would not apply. No sensitive biological resources and/or archaeological resources would be impacted as a result of the project.

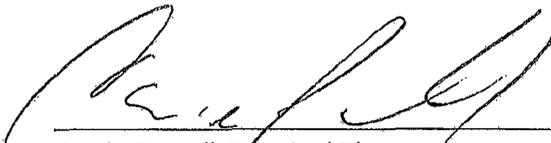
Lead Agency Contact Person: James Arnhart, Senior Planner

Telephone: (619) 533-5275

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a notice of exemption been filed by the public agency approving the project? ( ) Yes ( ) No

It is hereby certified that the City of San Diego has determined the above activity to be exempt from CEQA

  
\_\_\_\_\_  
Carrie Purcell, Principal Planner

5/23/14  
\_\_\_\_\_  
Date

Check One:

- (X) Signed By Lead Agency  
( ) Signed by Applicant

Date Received for Filing with County Clerk or OPR:

**APPENDIX B**  
**FIRE HYDRANT METER PROGRAM**

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

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.)

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 2 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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.

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 3 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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.

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 4 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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.

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
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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

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 6 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
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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

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
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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

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 8 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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.

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 9 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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.

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
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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 (EXHIBIT A) Hydrant Meter

(For Office Use Only)

METER SHOP (619) 527-7449

NS REQ	FAC#
DATE	BY

## 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			

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

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

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

**Note:**

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

Date

Name of Responsible Party  
Company Name and Address  
Account Number: \_\_\_\_\_

Subject:        Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

**APPENDIX C**

**MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE**

## Materials Typically Accepted by Certificate of Compliance

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

**APPENDIX D**  
**SAMPLE CITY INVOICE**

City of San Diego, Field Engineering Div., 9485 Aero Drive, SD CA 92123		<b>Contractor's Name:</b>	
<b>Project Name:</b>		Contractor's Address:	
Work Order No or Job Order No.			
City Purchase Order No.		Contractor's Phone #:	<b>Invoice No.</b>
Resident Engineer (RE):		Contractor's fax #:	<b>Invoice Date:</b>
RE Phone#:	Fax#:	Contact Name:	Billing Period: ( to

Item #	Item Description	Contract Authorization				Previous Totals To Date		This Estimate		Totals to Date	
		Unit	Price	Qty	Extension	%/QTY	Amount	% / QTY	Amount	% / QTY	Amount
1					\$ -		\$ -		\$ -	0.00%	\$ -
2					\$ -		\$ -		\$ -	0.00%	\$ -
3					\$ -		\$ -		\$ -	0.00%	\$ -
4					\$ -		\$ -		\$ -	0.00%	\$ -
5					\$ -		\$ -		\$ -	0.00%	\$ -
6					\$ -		\$ -		\$ -	0.00%	\$ -
7					\$ -		\$ -		\$ -	0.00%	\$ -
8					\$ -		\$ -		\$ -	0.00%	\$ -
9					\$ -		\$ -		\$ -	0.00%	\$ -
10					\$ -		\$ -		\$ -	0.00%	\$ -
11					\$ -		\$ -		\$ -	0.00%	\$ -
12					\$ -		\$ -		\$ -	0.00%	\$ -
13					\$ -		\$ -		\$ -	0.00%	\$ -
14					\$ -		\$ -		\$ -	0.00%	\$ -
15					\$ -		\$ -		\$ -	0.00%	\$ -
16					\$ -		\$ -		\$ -	0.00%	\$ -
17	<b>Field Orders</b>				\$ -		\$ -		\$ -	0.00%	\$ -
18					\$ -		\$ -		\$ -	0.00%	\$ -
	<b>CHANGE ORDER No.</b>				\$ -		\$ -		\$ -	0.00%	\$ -
					\$ -		\$ -		\$ -	0.00%	\$ -
Total Authorized Amount (including approved Change Order)					\$ -		\$ -		\$ -	<b>Total Billed</b>	\$ -

**SUMMARY**

A. Original Contract Amount	\$ -
B. Approved Change Order #00 Thru #00	\$ -
C. Total Authorized Amount (A+B)	\$ -
D. Total Billed to Date	\$ -
E. Less Total Retention (5% of D)	\$ -
F. Less Total Previous Payments	\$ -
<b>G. Payment Due Less Retention</b>	<b>\$0.00</b>
H. Remaining Authorized Amount	\$0.00

I certify that the materials  
have been received by me in  
the quality and quantity specified

\_\_\_\_\_  
Resident Engineer

\_\_\_\_\_  
Construction Engineer

**Retention and/or Escrow Payment Schedule**

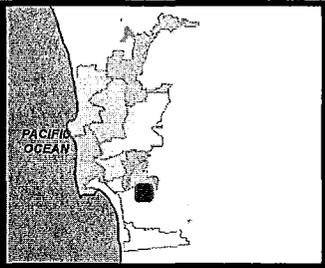
Total Retention Required as of this billing (Item E)	\$0.00
Previous Retention Withheld in PO or in Escrow	\$0.00
<b>Add'l Amt to Withhold in PO/Transfer in Escrow:</b>	<b>\$0.00</b>
<b>Amt to Release to Contractor from PO/Escrow:</b>	

Contractor Signature and Date: \_\_\_\_\_

**APPENDIX E**  
**LOCATION MAP**



**APPENDIX F**  
**ADJACENT PROJECTS**



The City of  
**SAN DIEGO** Public Works

**Pipeline Rehabilitation AI-1**

SENIOR ENGINEER  
 SHEILA BOSE  
 (619) 533-4698

PROJECT MANAGER  
 JERICHO GALLARDO  
 (619) 533-7523

PROJECT ENGINEER  
 ELISEO GUERREO  
 (619) 573-7422

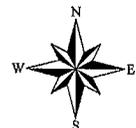
FOR QUESTIONS ABOUT THIS PROJECT  
 Call: (619) 533-4207  
 Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)

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**Legend**

- ■ ■ Proposed Pipe Replacement
- ▬ Proposed Rehabilitation Pipe



COMMUNITY NAME: SKYLINE-PARADISE HILLS

COUNCIL DISTRICT: 4

SAP ID: B15187 (S)

Date: April 19, 2016

Pipeline Rehabilitation AJ-1 Appendix F - Adjacent Projects (Rev. Oct. 2016)



**APPENDIX G**

**SITE MAPS**

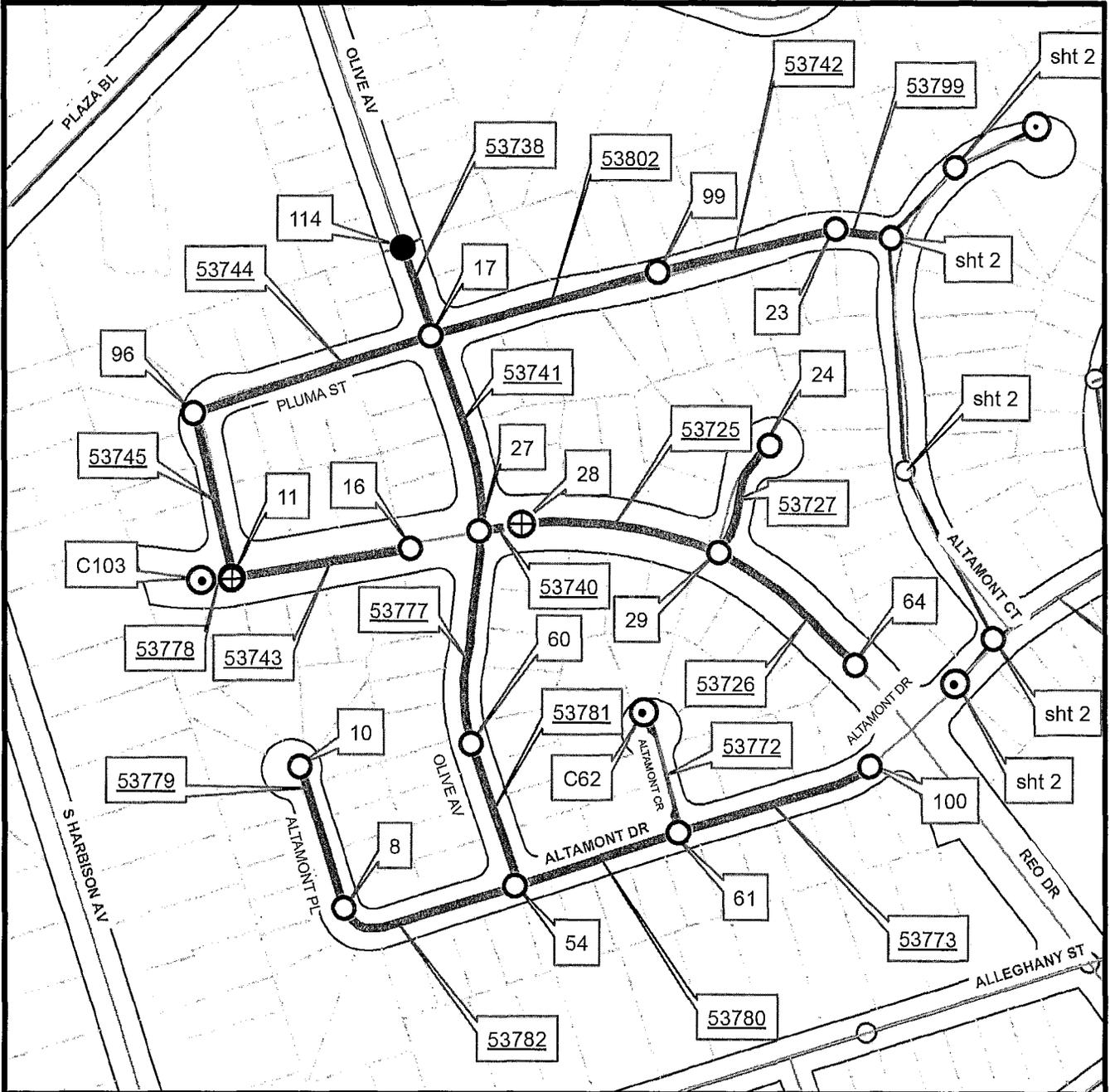
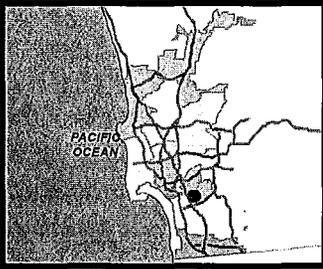
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 1**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

FOR QUESTIONS ABOUT THIS PROJECT  
CALL: (619) 533-4207  
Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)

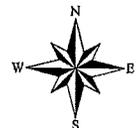


**Legend**

- Cleanouts
- New\_Manhole
- Prop. Rehab Pipe

- Prop Rehab Manhole
- Cleanout ID

- Manhole ID
- Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201



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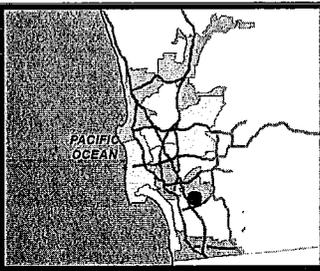
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 2**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

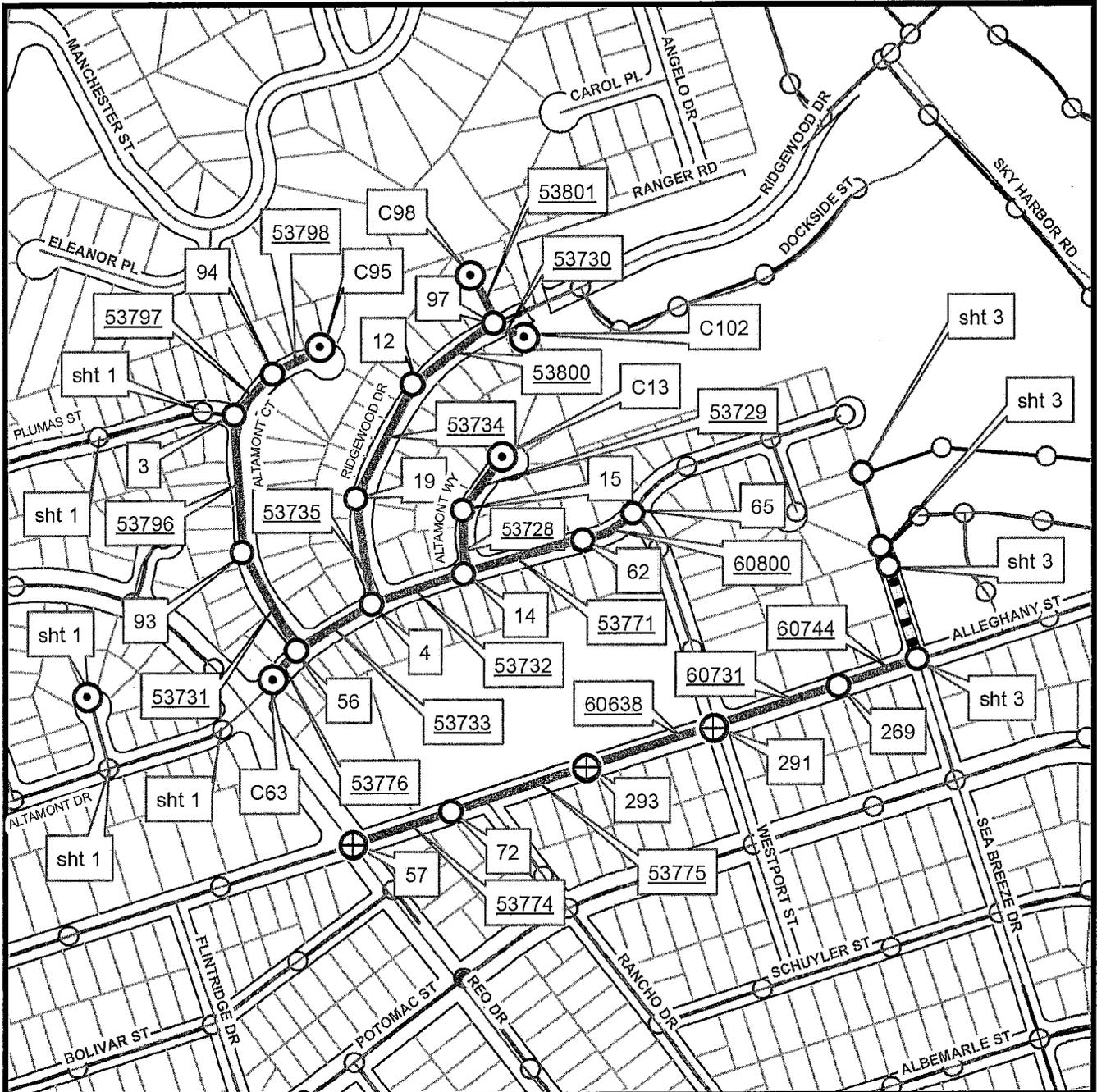
PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

FOR QUESTIONS ABOUT THIS PROJECT  
CALL: (619) 533-4207  
Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)

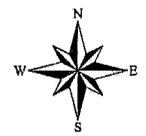


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**Legend**

- Replace\_Main
- Prop. Rehab Pipe
- Cleanouts
- Prop. Rehab Manhole
- Cleanout ID
- Manhole ID
- Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201



The City of **SAN DIEGO** Public Works

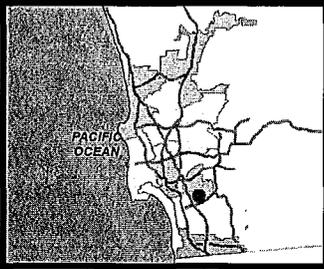
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 3**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

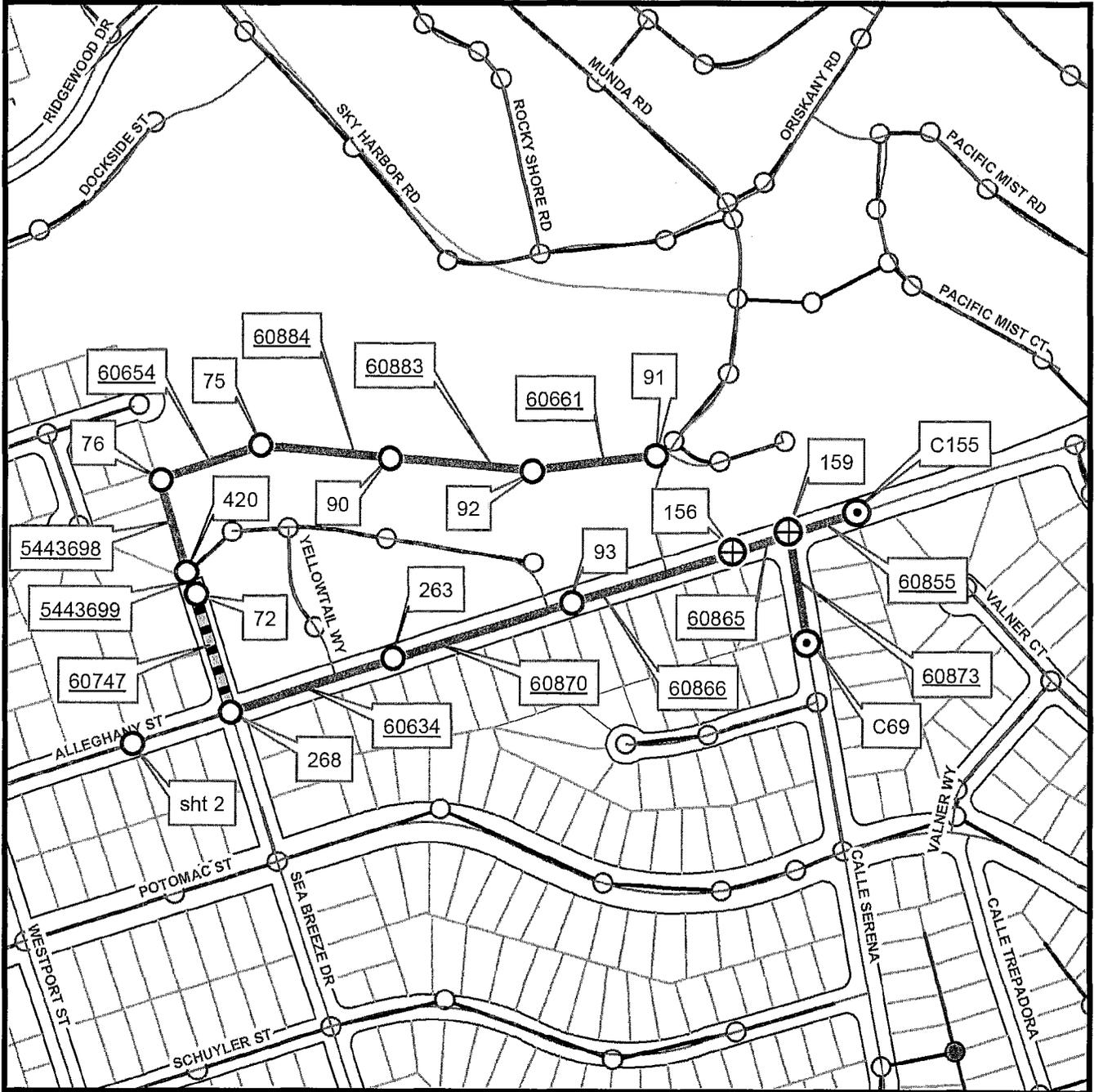
PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

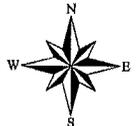
FOR QUESTIONS ABOUT THIS PROJECT  
CALL: (619) 633-4207  
Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)



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<b>Legend</b>	C123 Cleanout ID	123 Manhole ID
	Prop. Rehab Pipe	Facility Sequence Number (FSN)
Replace_Main	Prop. Rehab Manhole	Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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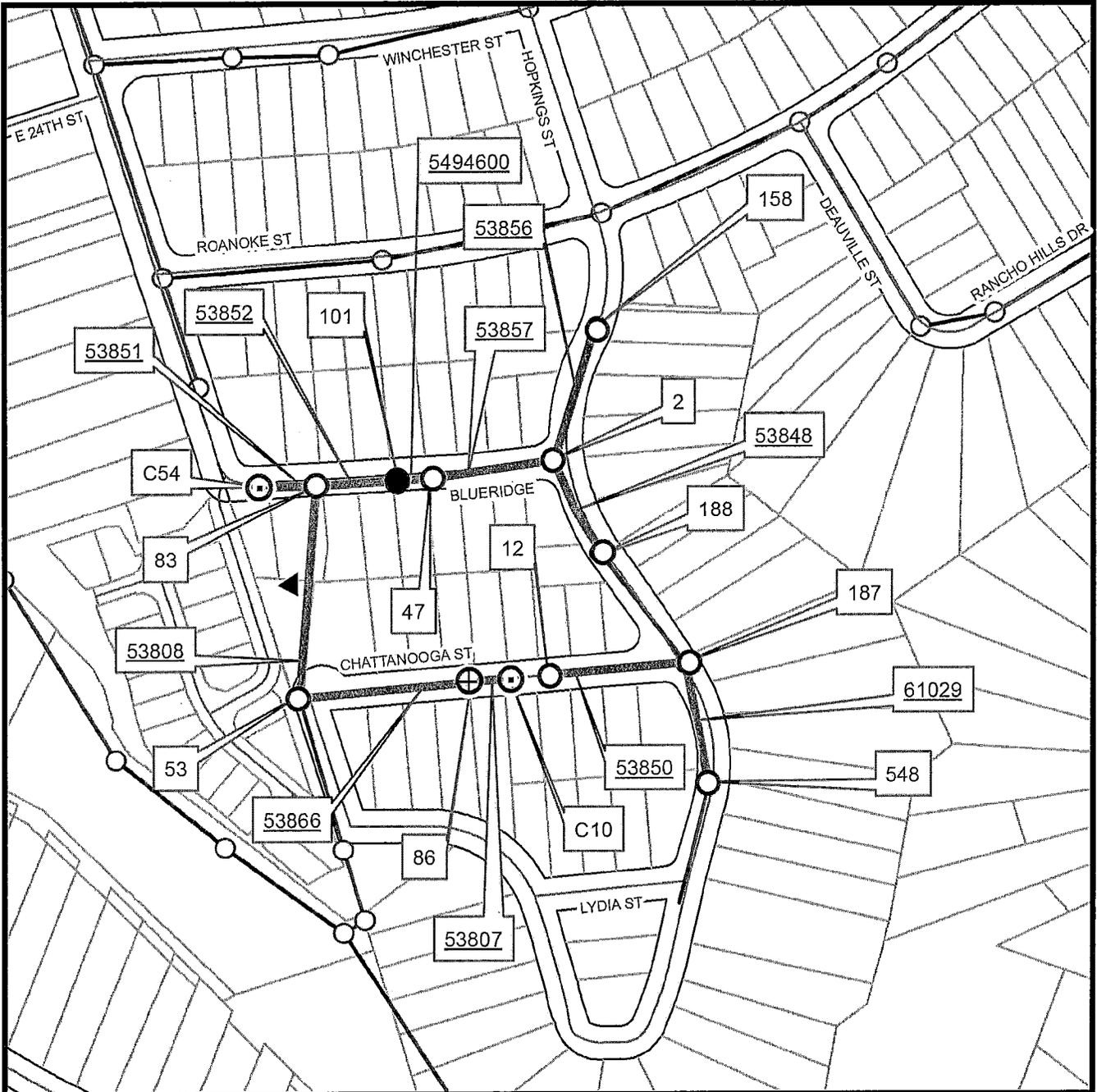
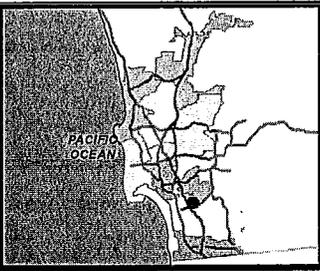
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 4**

SENIOR ENGINEER  
SHEILA BOSE  
619-533-4698

PROJECT MANAGER  
CASEY CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH DUNN  
619-533-7461

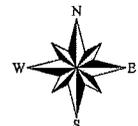
FOR QUESTIONS ABOUT THIS PROJECT  
CALL: (619) 533-4207  
Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)



**Legend**

- New\_Manhole
- Cleanout
- Prop. Rehab Pipe
- Prop. Rehab Manhole
- Point Repair

- C123 Cleanout ID
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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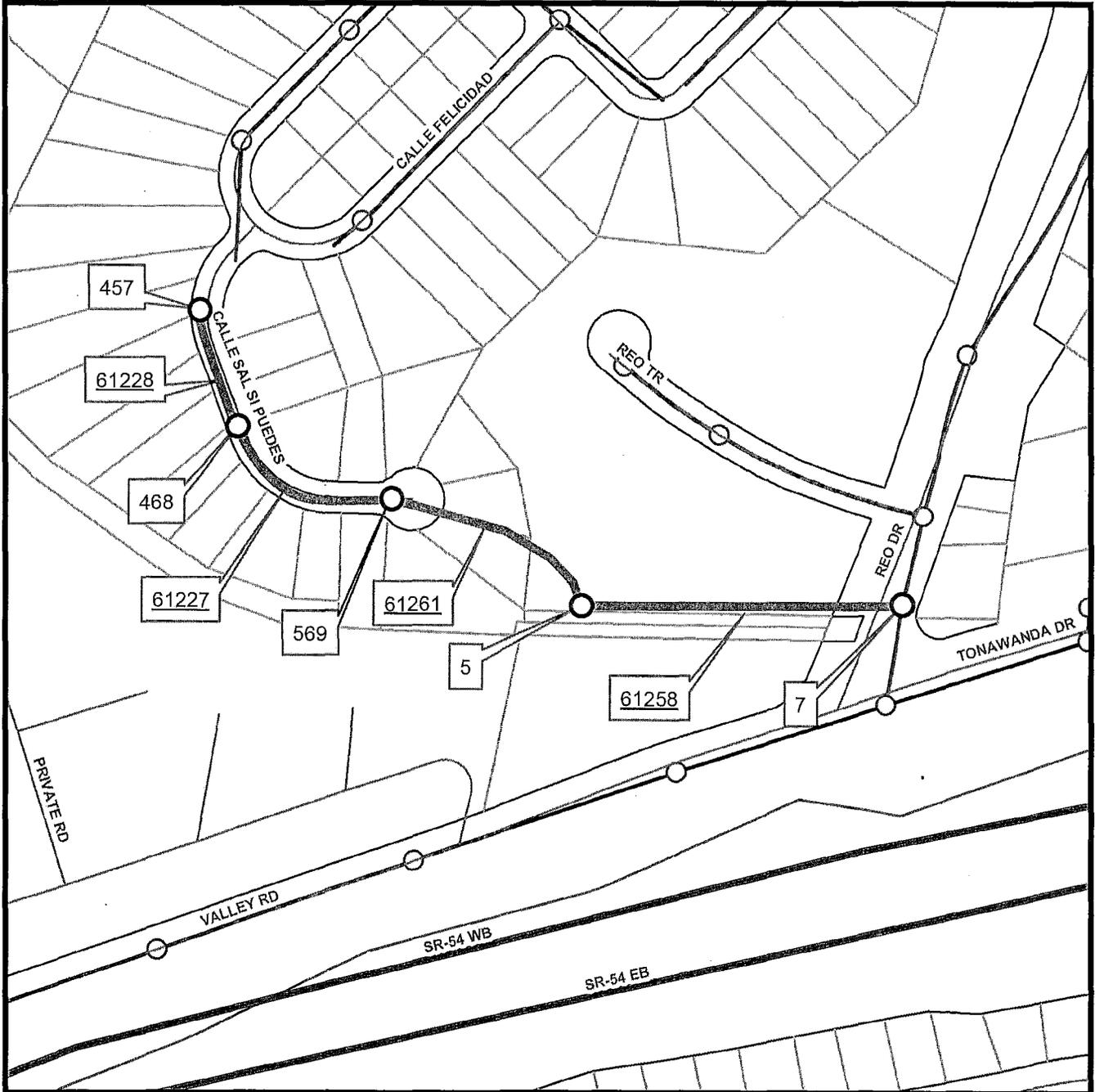
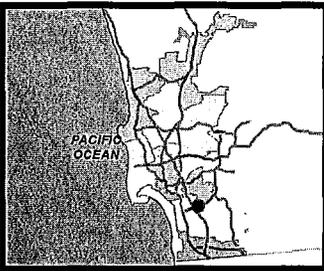
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 5**

SENIOR ENGINEER  
 SHEILA, BOSE  
 619-533-4698

PROJECT MANAGER  
 CASEY, CROWN  
 619-533-5485

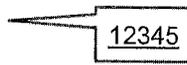
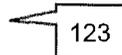
PROJECT ENGINEER  
 ELIZABETH, DUNN  
 619-533-7461

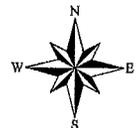
FOR QUESTIONS ABOUT THIS PROJECT  
 CALL: (619) 533-4207  
 Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)



**Legend**

-  Prop. Rehab Pipe
-  Ex. Pipe & Manhole

-  Facility Sequence Number (FSN)
-  Manhole ID



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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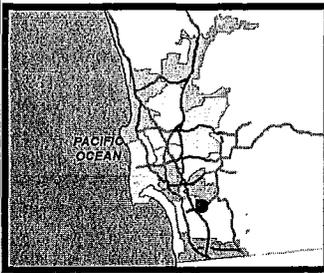


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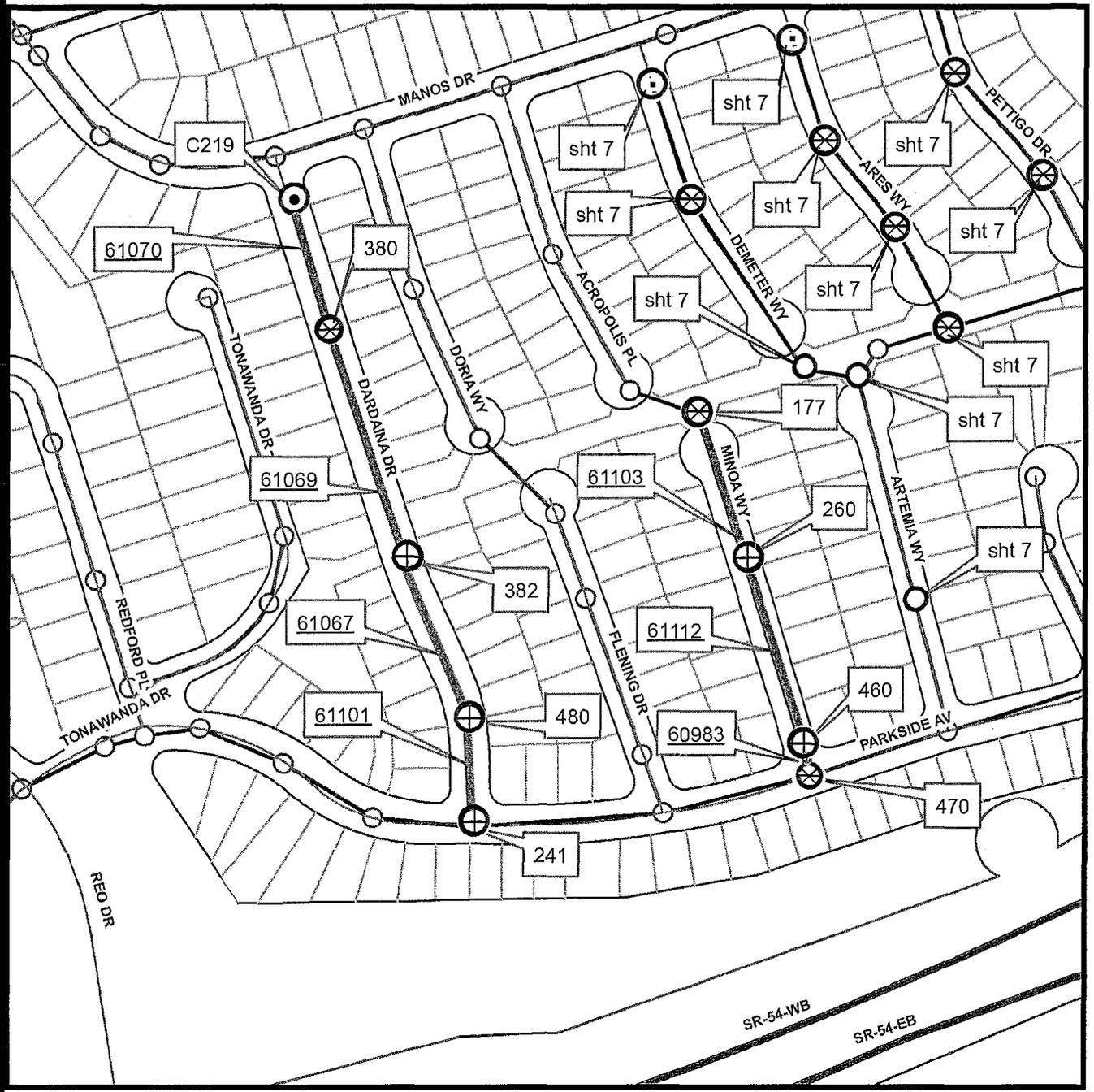
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 6**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

FOR QUESTIONS ABOUT THIS PROJECT  
CALL: (619) 533-4207  
Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)



<b>Legend</b>	Cleanout ID	Manhole ID	
Cleanouts	Prop. Rehab Manhole	Facility Sequence Number (FSN)	
Replace Manholes	Prop. Rehab Pipe	Ex Pipe & Manhole	

COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

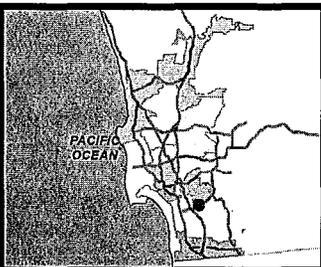
Date: December 1, 2015  
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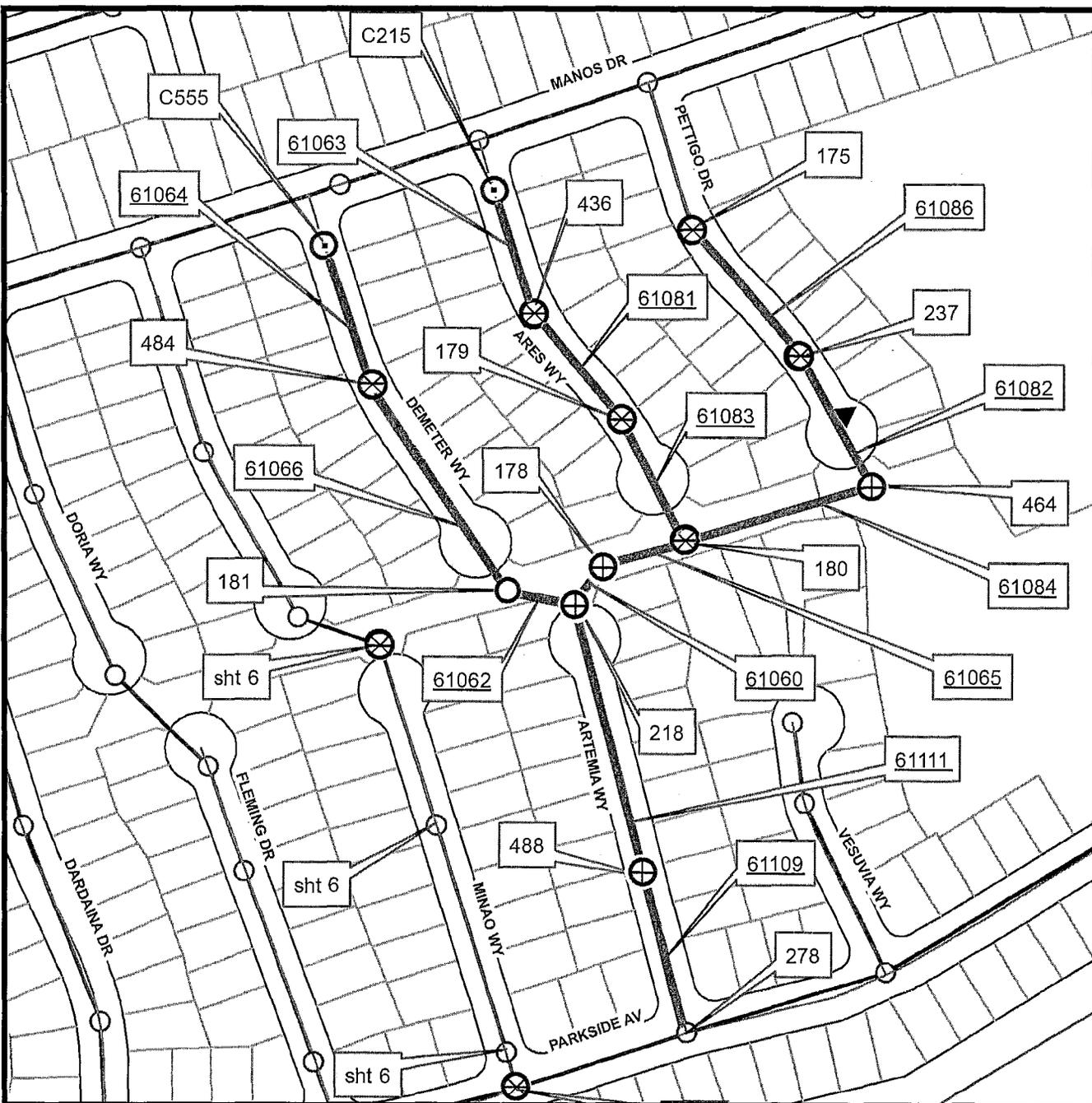
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 7**

SENIOR ENGINEER  
 SHEILA, BOSE  
 619-533-4698

PROJECT MANAGER  
 CASEY, CROWN  
 619-533-5485

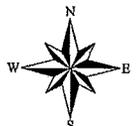
PROJECT ENGINEER  
 ELIZABETH, DUNN  
 619-533-7461

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 Email: [engineering@sandiego.gov](mailto:engineering@sandiego.gov)



**Legend**

- Cleanouts
- Prop Rehab Manhole
- Replace\_Manholes
- Prop Rehab Pipe
- Point Repair
- Cleanout ID
- Manhole ID
- Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

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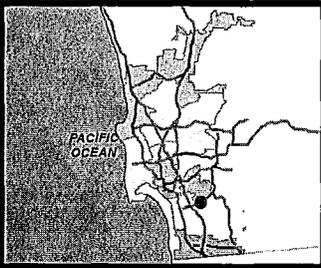
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 9**

SENIOR ENGINEER  
 SHEILA, BOSE  
 619-533-4698

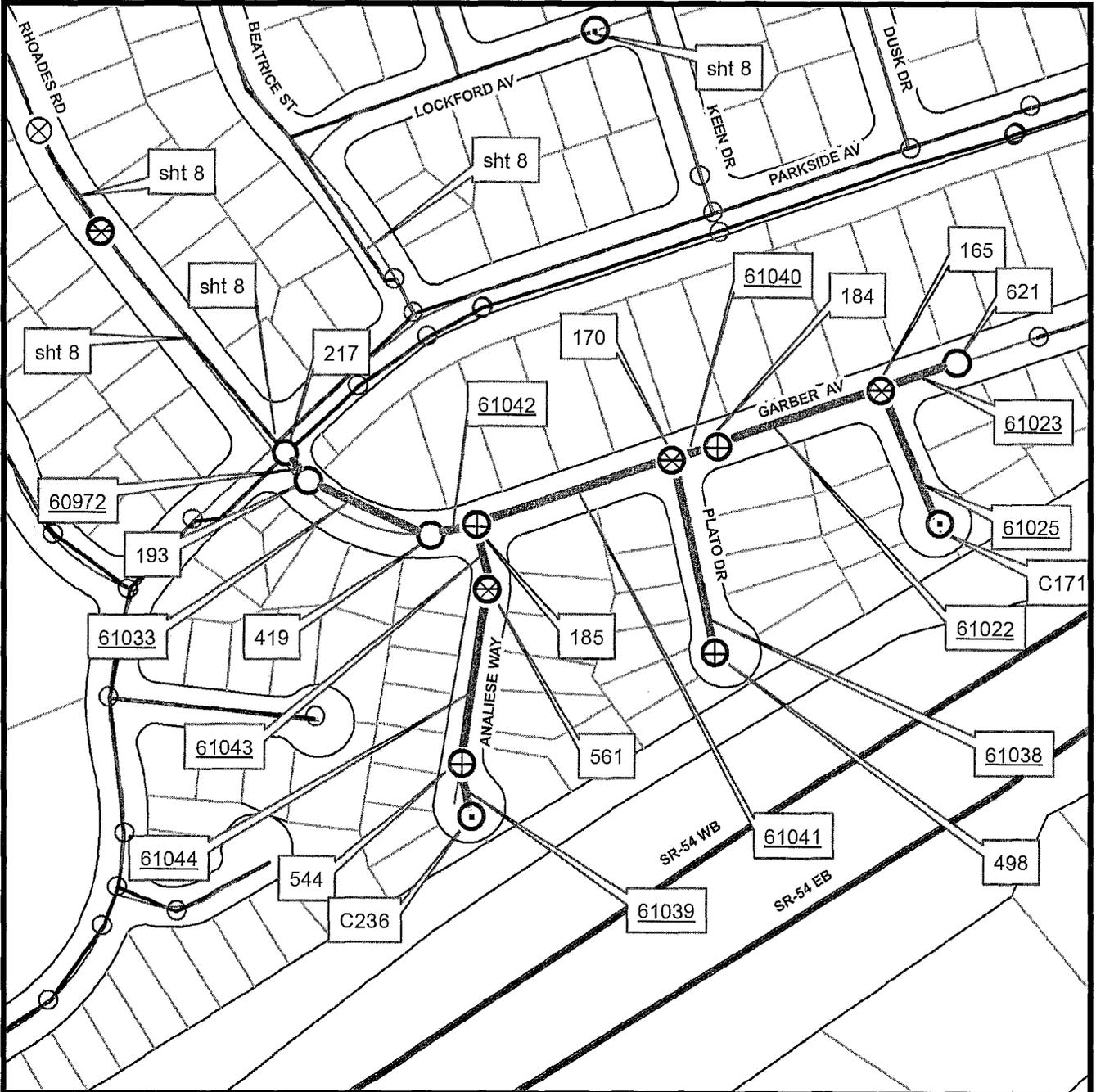
PROJECT MANAGER  
 CASEY, CROWN  
 619-533-5485

PROJECT ENGINEER  
 ELIZABETH, DUNN  
 619-533-7461

FOR QUESTIONS ABOUT THIS PROJECT  
 CALL: (619) 533-4207  
 Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)

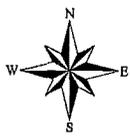


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**Legend**

- Cleanouts
- Rehab Manholes
- Replace Manholes
- Prop. Rehab Pipe
- Cleanout ID
- Manhole ID
- Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

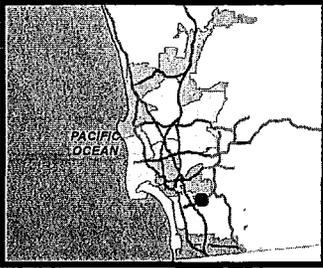
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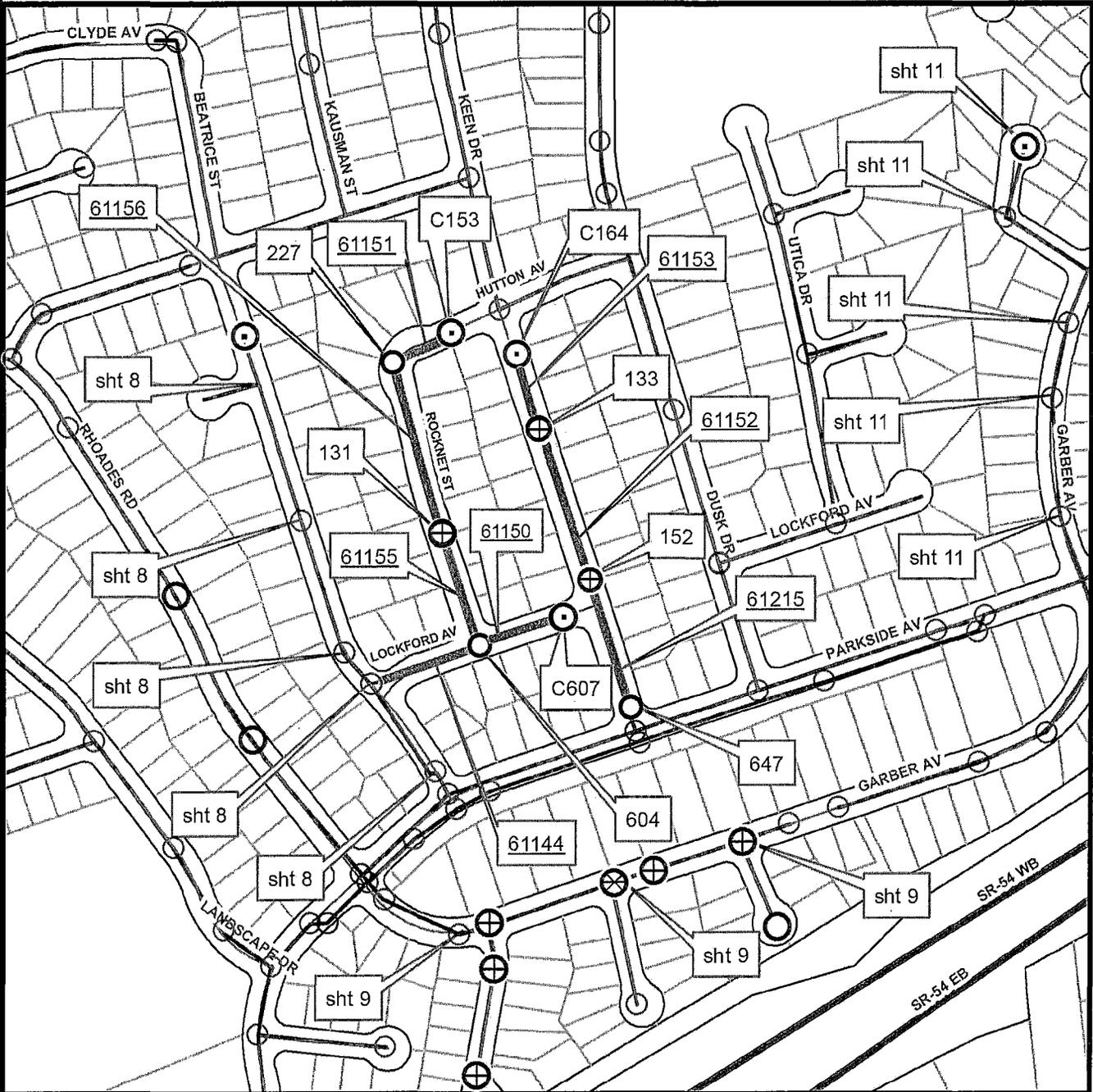
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 10**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

FOR QUESTIONS ABOUT THIS PROJECT  
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Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)



**Legend**

Prop. Rehab Pipe

Prop. Rehab Manhole

C123 Cleanout ID

Cleanout

Replaced Manholes

123 Manhole ID

12345 Facility Sequence Number (FSN)

Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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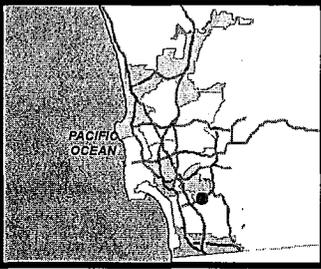
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 11**

SENIOR ENGINEER  
 SHEILA, BOSE  
 619-533-4698

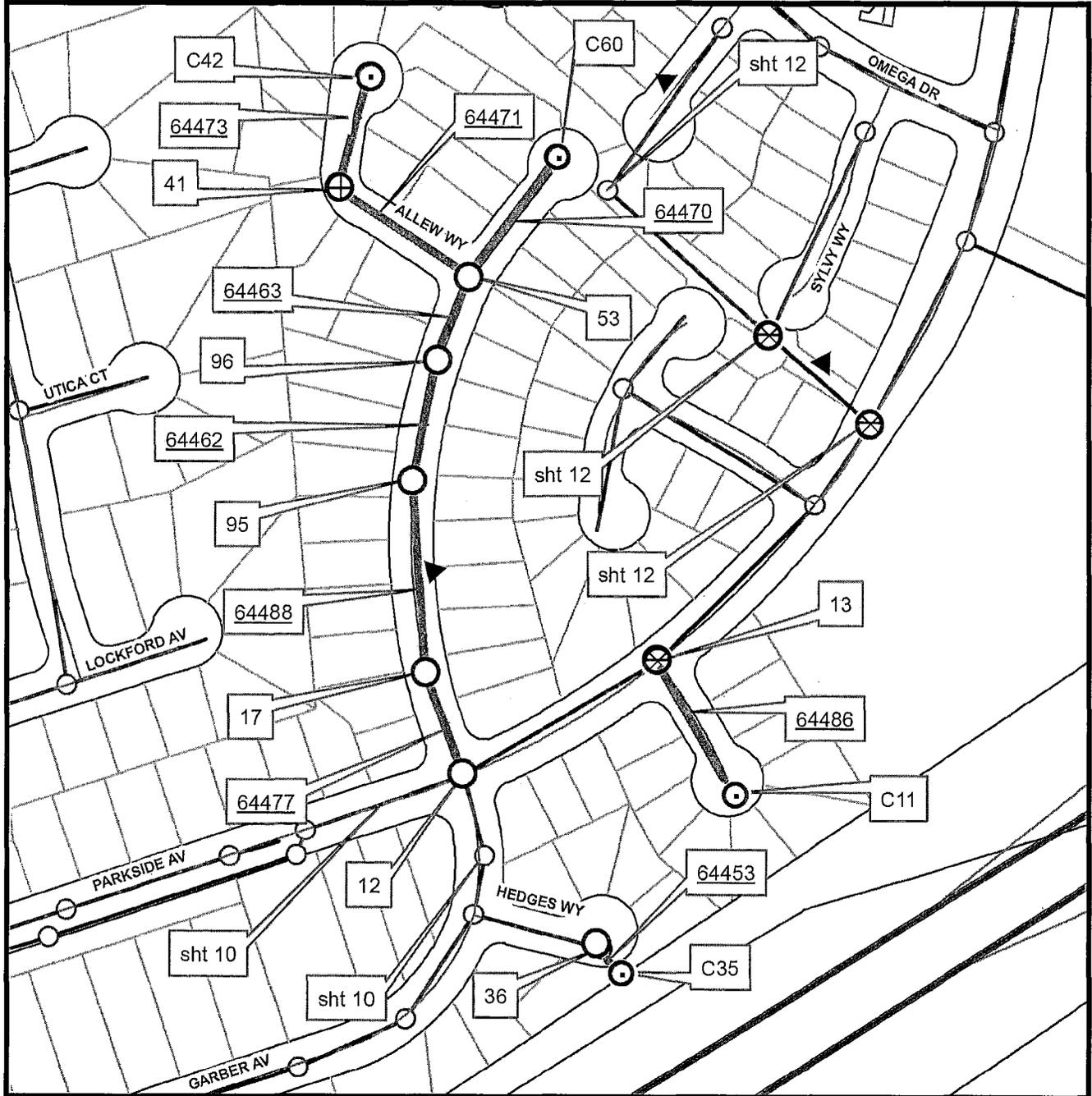
PROJECT MANAGER  
 CASEY, CROWN  
 619-533-5485

PROJECT ENGINEER  
 ELIZABETH, DUNN  
 619-533-7461

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 CALL: (619) 533-4207  
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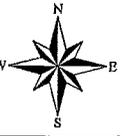


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**Legend**

- Point Repair
- Prop. Rehab Pipe
- Prop. Rehab Manhole
- Replaced\_Manholes
- Cleanout ID (C123)
- Cleanout
- Manhole ID (123)
- Facility Sequence Number (FSN) (12345)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

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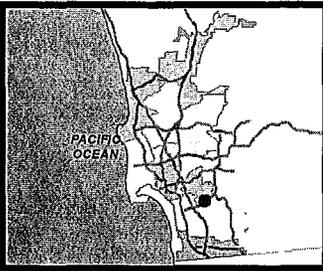
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**PIPELINE REHABILITATION AJ-1 SHEET 13**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

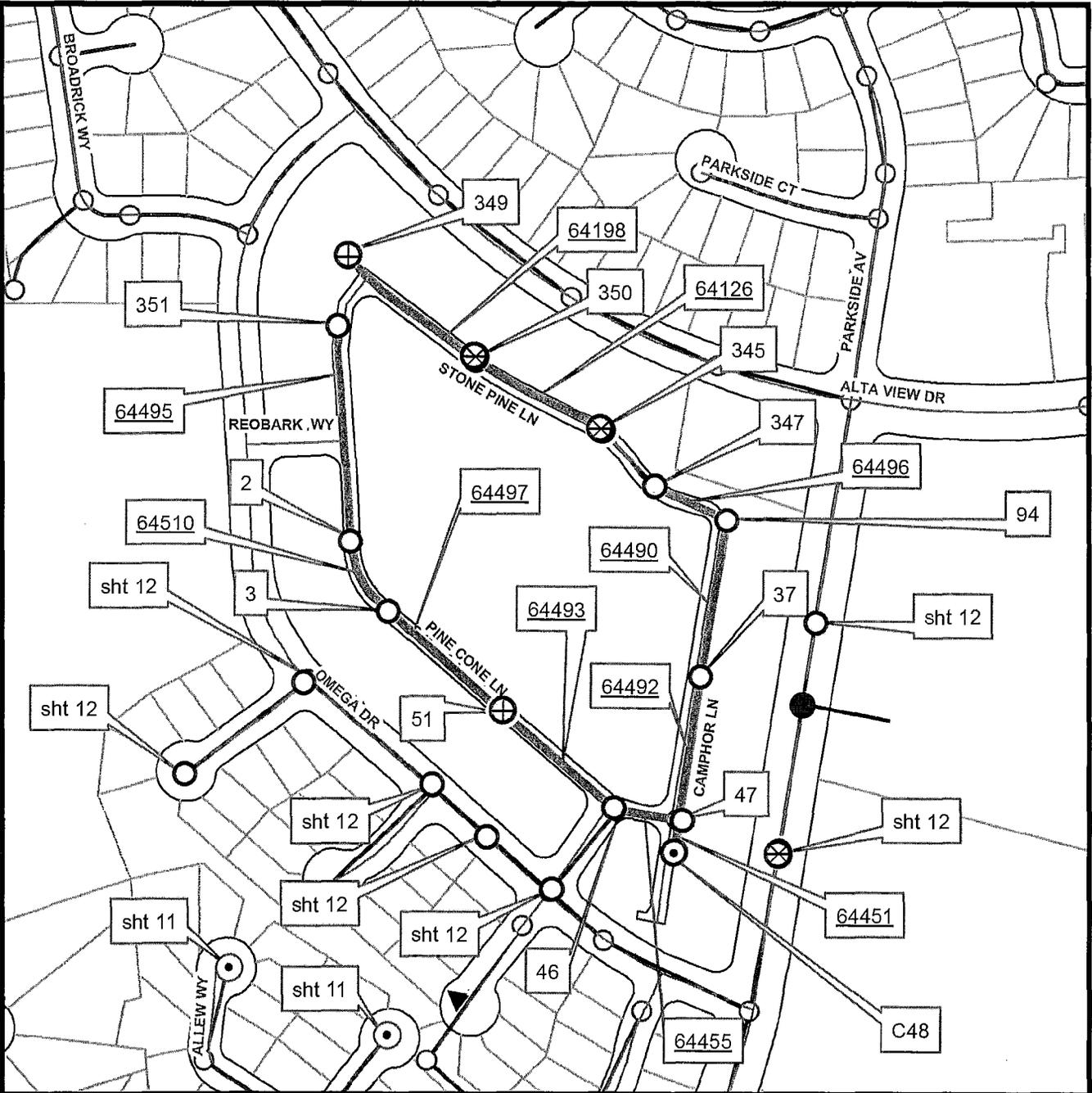
PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

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Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)

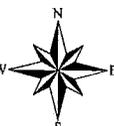


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**Legend**

- Point Repair
- Prop. Rehab Manhole
- Prop. Rehab Pipe
- New Manhole
- Cleanouts
- Replaced Manholes
- Cleanout ID
- Manhole ID
- Facility Sequence Number (FSN)
- Ex Manhole



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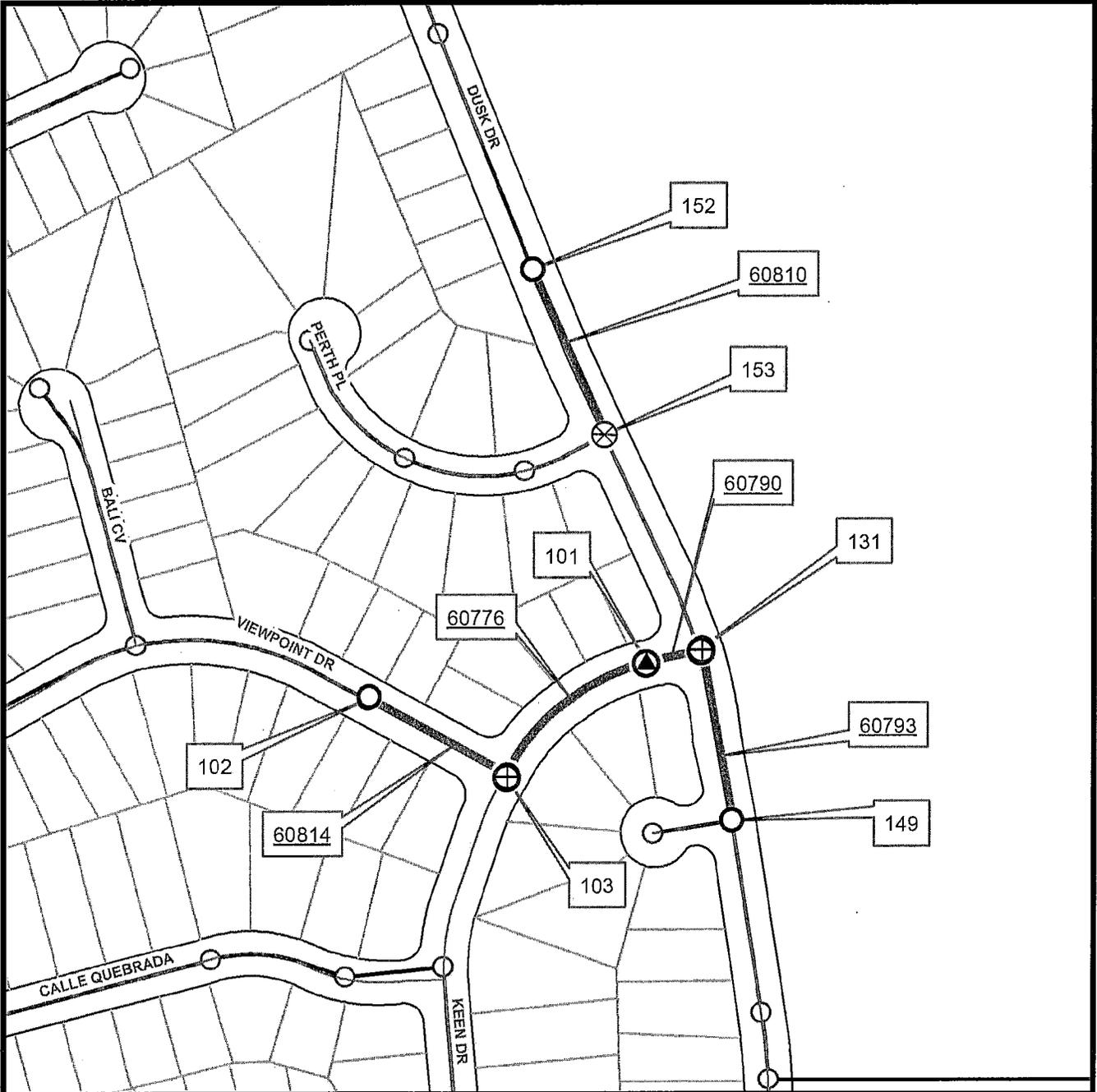
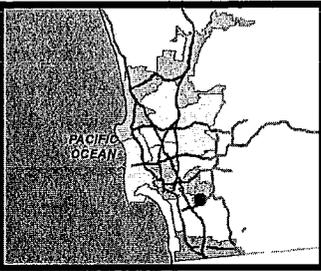
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 14**

SENIOR ENGINEER  
SHEILA BOSE  
619-533-4698

PROJECT MANAGER  
CASEY CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH DUNN  
619-533-7461

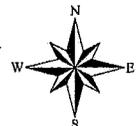
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**Legend**

- Prop. Rehab Manhole
- Replaced Manholes
- Prop. Rehab Pipe
- Point Repair Manhole

- Manhole ID
- Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

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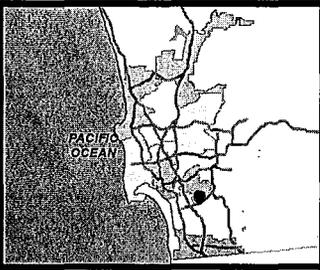
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 15**

SENIOR ENGINEER  
 SHEILA, BOSE  
 619-533-4698

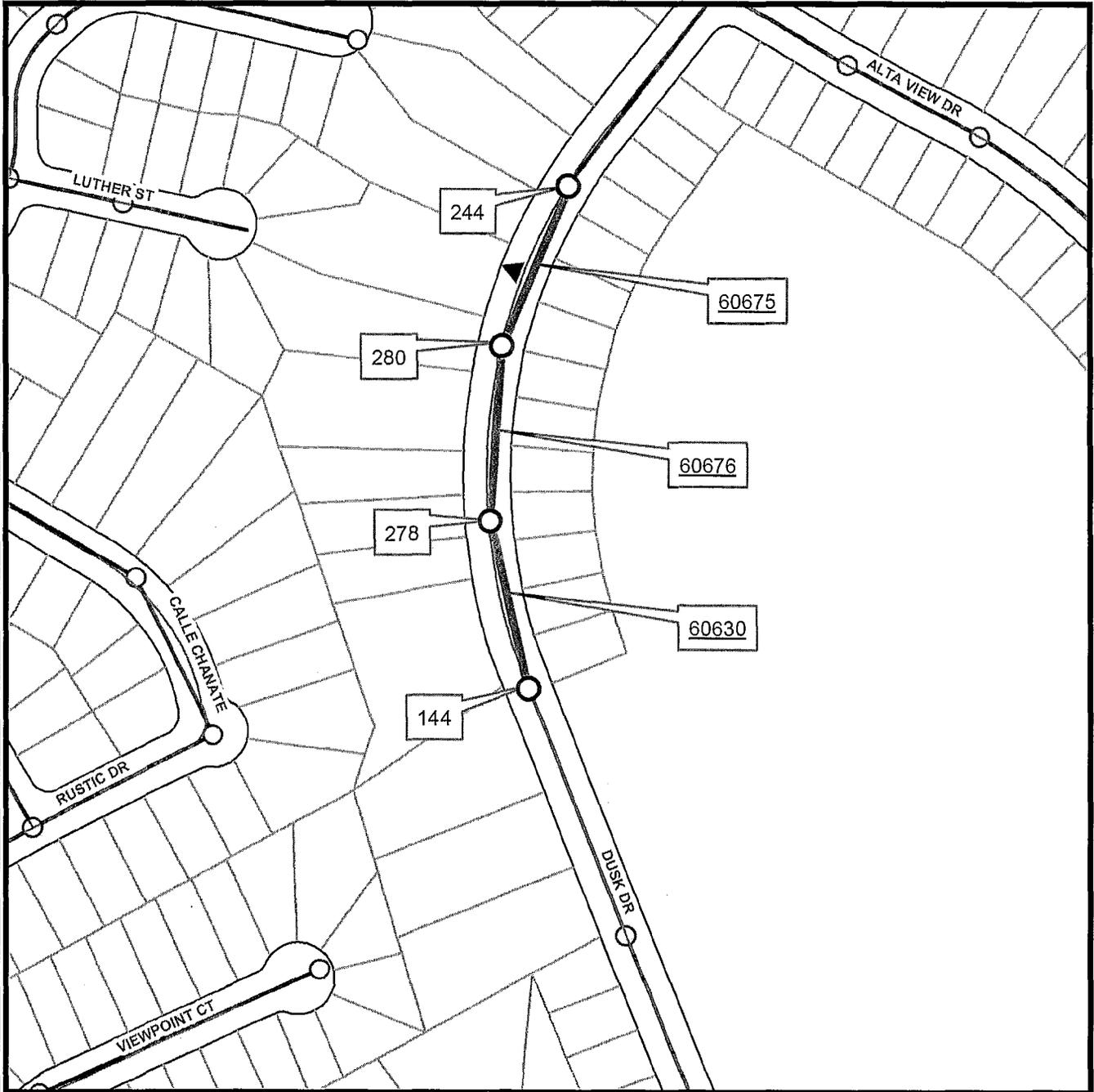
PROJECT MANAGER  
 CASEY, CROWN  
 619-533-5485

PROJECT ENGINEER  
 ELIZABETH, DUNN  
 619-533-7461

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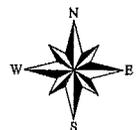
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**Legend**

- Point Repair
- Prop. Rehab Pipe

- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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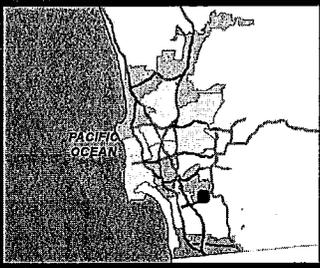
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 16**

SENIOR ENGINEER  
SHEILA BOSE  
619-533-4698

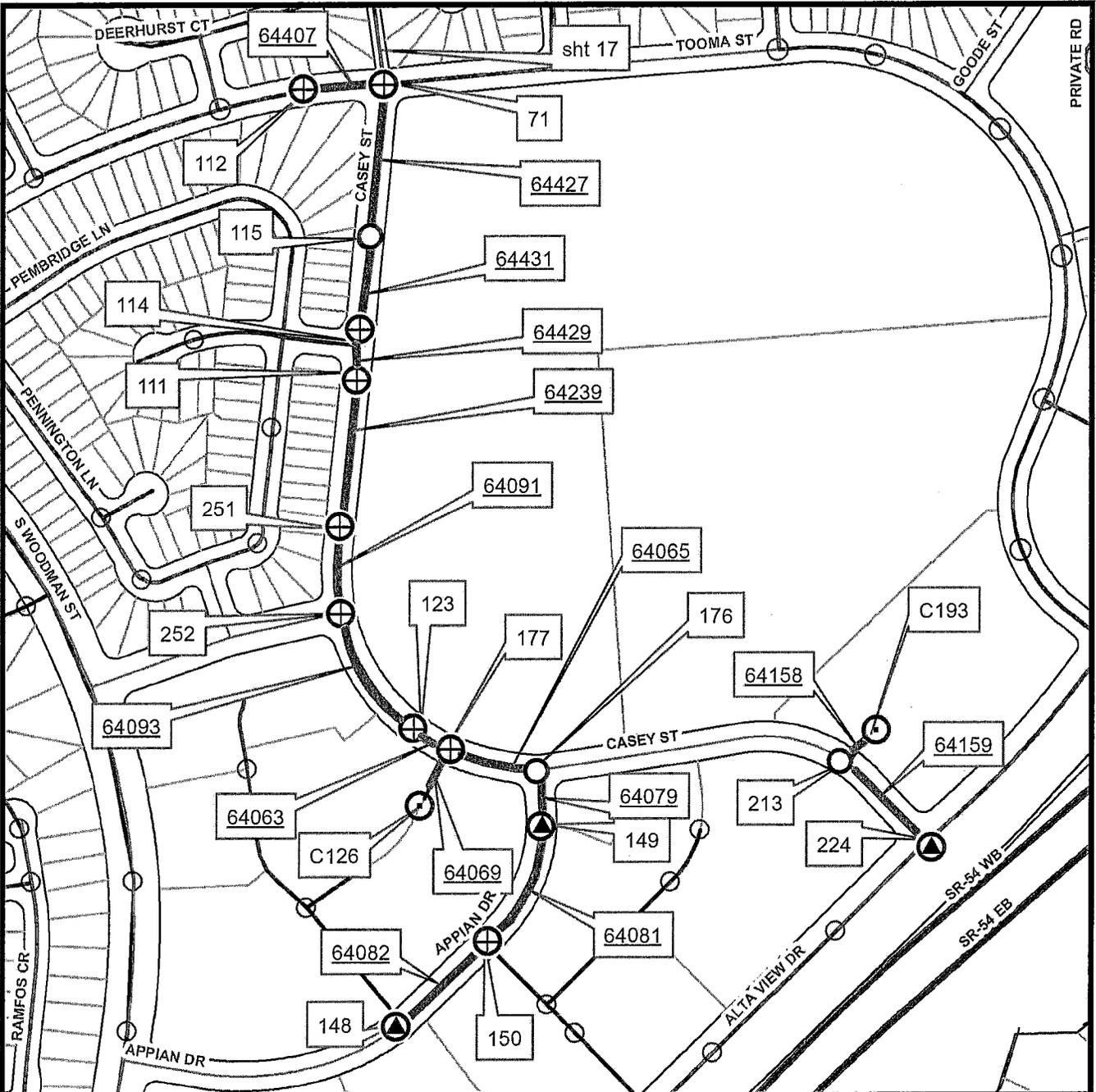
PROJECT MANAGER  
CASEY CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH DUNN  
619-533-7461

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Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)

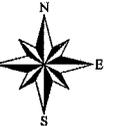


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**Legend**

- Point Repair Manhole
- Cleanout
- Prop. Rehab Manhole
- Manhole ID
- Facility Sequence Number (FSN)
- Prop. Rehab Pipe
- Ex Pipe & Manhole



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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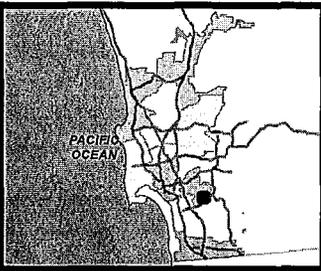
**SITE MAP**  
**PIPELINE REHABILITATION AJ-1 SHEET 17**

SENIOR ENGINEER  
SHEILA, BOSE  
619-533-4698

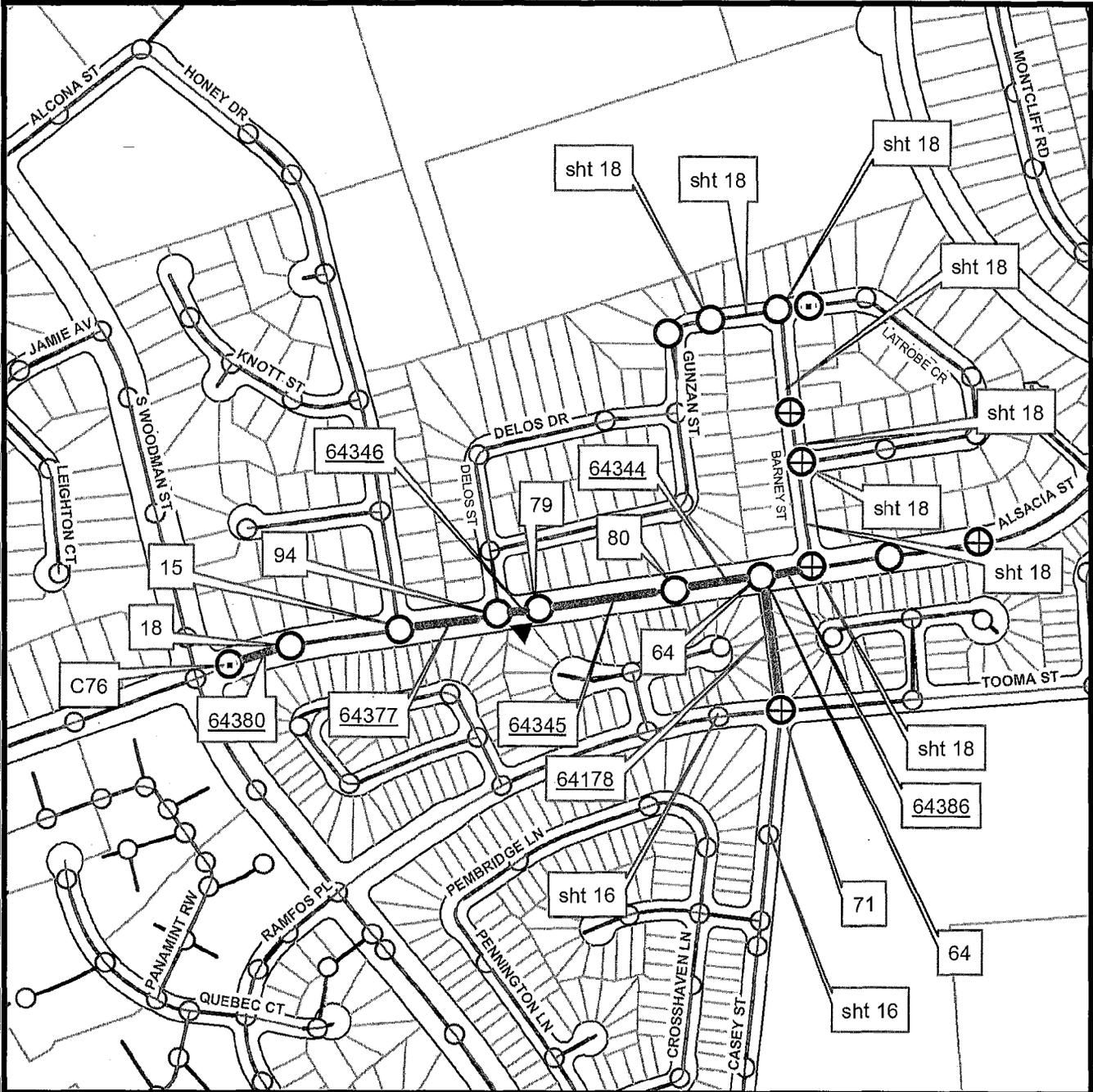
PROJECT MANAGER  
CASEY, CROWN  
619-533-5485

PROJECT ENGINEER  
ELIZABETH, DUNN  
619-533-7461

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Email: [engineering@sanidiego.gov](mailto:engineering@sanidiego.gov)

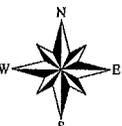


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**Legend**

- Cleanouts
- Point Repair
- Prop. Rehab Manhole
- C123 Cleanout ID
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)
- Existing Pipe & Manhole
- Prop. Rehab Pipe



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B15201

Date: December 1, 2015  
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**APPENDIX H**  
**SEWER PIPELINE SPREADSHEET**

PIPELINE REHABILITATION AJ-1

SEWER PIPELINES

MAP/SHT NO.	THOMAS BRO.	STREET NAME	FSN	LENGTH	SIZE	MATL	ACTION	LATERALS	DS MH ID	DS MH E	DS MH DEPTH	US MH ID	US MH E	US MH DEPTH	COUNCIL DISTRICT	COMMUNITY	GATE PAGE		
1	1290C7	REO, DR	53725	307	8	VC	REHAB	6	MANH	28	165.4	10	MANH	29	179.49	6	4	Skyline-Paradise Hills	K25S
	1290C7	REO, DR	53726	264	8	VC	REHAB	5	MANH	29	179.49	6	MANH	64	190.94	5	4	Skyline-Paradise Hills	K25S
	1290C7	REO, CT	53727	196	8	VC	REHAB	5	MANH	29	179.49	6	MANH	24	182.83	7	4	Skyline-Paradise Hills	K25S
	1290C7	OLIVE, AV	53738	145	8	VC	REHAB	4	SNOD	114	144.95	8	MANH	17	144.95	11	4	Skyline-Paradise Hills	K25S
	1290C7	REO, DR	53740	42	8	VC	REHAB	0	MANH	27	154.01	20	MANH	28	165.4	10	4	Skyline-Paradise Hills	K25S
	1290C7	OLIVE, AV	53741	299	8	VC	REHAB	6	MANH	17	144.95	11	MANH	27	154.01	20	4	Skyline-Paradise Hills	K25S
	1290C7	PLUMAS, ST	53742	268	8	VC	REHAB	9	MANH	99	171	9	MANH	23	172.5	13	4	Skyline-Paradise Hills	K25S
	1290C7	REO DR	53743	261	8	VC	REHAB	8	MANH	11	148.89	9	MANH	16	160.14	9	4	Skyline-Paradise Hills	K25S
	1290C7	PLUMAS, ST	53744	361	8	VC	REHAB	10	MANH	17	144.95	11	MANH	96	147.84	6	4	Skyline-Paradise Hills	K25S
	1290C7	PLUMAS ST	53745	262	8	VC	REHAB	4	MANH	96	147.84	6	MANH	11	148.89	9	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, CR	53772	180	8	VC	REHAB	7	MANH	61	179	7	PLUG	C62	179	n/a	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, DR	53773	288	8	VC	REHAB	12	MANH	61	179	7	MANH	100	190.1	9	4	Skyline-Paradise Hills	K25S
	1290C7	PLUMAS, ST	53799	83	8	VC	REHAB	1	MANH	23	172.5	13	MANH	3	173	12	4	Skyline-Paradise Hills	K25S
	1290C7	PLUMAS, ST	53802	350	8	VC	REHAB	8	MANH	17	144.95	11	MANH	99	171	9	4	Skyline-Paradise Hills	K25S
	1290C7	OLIVE, AV	53777	310	8	VC	REHAB	7	MANH	27	154.01	20	MANH	60	156.49	22	4	Skyline-Paradise Hills	K25S
	1290C7	REO DR	53778	46	8	VC	REHAB	2	MANH	11	148.89	9	PLUG	C103	149.39	n/a	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, PL	53779	212	8	VC	REHAB	13	MANH	8	159.72	8	MANH	10	165.02	7	4	Skyline-Paradise Hills	K25S
1310C1	ALTAMONT, DR	53780	253	8	VC	REHAB	4	MANH	54	157.42	19	MANH	61	179	7	4	Skyline-Paradise Hills	K25S	
1310C1	OLIVE, AV	53781	232	8	VC	REHAB	8	MANH	60	156.49	22	MANH	54	157.42	19	4	Skyline-Paradise Hills	K25S	
1310C1	ALTAMONT, DR	53782	287	8	VC	REHAB	7	MANH	54	157.42	19	MANH	8	159.72	8	4	Skyline-Paradise Hills	K25S	
2	1290C7	ALTAMONT, CT	53796	350	8	VC	REHAB	11	MANH	3	173	12	MANH	93	189.8	13	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, CT	53797	143	8	VC	REHAB	3	MANH	3	173	12	MANH	94	181	11	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, CT	53798	140	8	VC	REHAB	6	MANH	94	181	11	PLUG	C95	193	n/a	4	Skyline-Paradise Hills	K25S
	1290C7	RIDGEWOOD, DR	53800	251	8	VC	REHAB	8	MANH	12	237	12	MANH	97	259	8	4	Skyline-Paradise Hills	K25S
	1290C7	RIDGEWOOD DR	53801	132	8	VC	REHAB	3	MANH	97	259	8	PLUG	C98	271.94	n/a	4	Skyline-Paradise Hills	K25S
	1290D7	ALLEGHANY, ST	60638	343	8	VC	REHAB	6	MANH	293	214.59	9	MANH	291	224.19	11	4	Skyline-Paradise Hills	L25S
	1290C7	ALTAMONT, WY	53728	165	8	VC	REHAB	1	MANH	14	201	7	MANH	15	208	8	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, WY	53729	166	8	VC	REHAB	9	MANH	15	208	8	PLUG	C13	218.5	n/a	4	Skyline-Paradise Hills	K25S
	1290C7	RIDGEWOOD, DR	53730	15	8	VC	REHAB	1	MANH	97	259	8	PLUG	C102	0	n/a	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, CT	53731	285	8	VC	REHAB	6	MANH	93	189.8	13	MANH	56	191	8	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, DR	53732	247	8	VC	REHAB	7	MANH	4	194	8	MANH	14	201	7	4	Skyline-Paradise Hills	K25S
	1290C7	ALTAMONT, DR	53733	223	8	VC	REHAB	7	MANH	56	191	8	MANH	4	194	8	4	Skyline-Paradise Hills	K25S
	1290C7	RIDGEWOOD, DR	53734	320	8	VC	REHAB	11	MANH	19	214	8	MANH	12	237	10	4	Skyline-Paradise Hills	K25S
	1290C7	RIDGEWOOD, DR	53735	268	8	VC	REHAB	4	MANH	4	194	8	MANH	19	214	8	4	Skyline-Paradise Hills	K25S
	1290D7	ALTAMONT, DR	53771	292	8	VC	REHAB	10	MANH	14	201	7	MANH	62	209	7	4	Skyline-Paradise Hills	L25S
	1310C1	ALLEGHANY, ST	53774	280	8	VC	REHAB	5	MANH	57	204.24	10	MANH	72	213.2	17	4	Skyline-Paradise Hills	K25S
	1310D1	ALLEGHANY, ST	53775	346	8	VC	REHAB	3	MANH	72	213.2	17	MANH	293	214.59	9	4	Skyline-Paradise Hills	L25S
	1290C7	ALTAMONT, DR	53776	88	8	VC	REHAB	4	MANH	56	191	8	PLUG	C63	195	n/a	4	Skyline-Paradise Hills	K25S
	1290D7	ALLEGHANY, ST	60744	240	8	VC	REHAB	5	MANH	269	0	0	MANH	268	270.67	6	4	Skyline-Paradise Hills	L25S
1290D7	ALTAMONT, DR	60800	159	8	VC	REHAB	3	MANH	62	209	7	MANH	65	213.23	10	4	Skyline-Paradise Hills	L25S	
1290D7	ALLEGHANY, ST	60731	320	8	VC	REHAB	10	MANH	291	224.19	11	MANH	269	0	0	4	Skyline-Paradise Hills	L25S	
3	1290D7	SEA BREEZE, DR	60747	239	10	VC	REPLACE	0	MANH	268	270.67	6	MANH	72	263.32	22	4	Skyline-Paradise Hills	L25S
	1290D7	ALLEGHANY, ST	60855	142	8	VC	REHAB	1	MANH	159	303.96	7	PLUG	C155	311.56	n/a	4	Skyline-Paradise Hills	L25S
	1290D7	ALLEGHANY, ST	60865	133	8	VC	REHAB	0	MANH	156	293.87	8	MANH	159	303.96	7	4	Skyline-Paradise Hills	L25S
	1290D7	ALLEGHANY, ST	60866	350	8	VC	REHAB	6	MANH	93	290.72	6	MANH	156	293.87	8	4	Skyline-Paradise Hills	L25S
	1290D7	ALLEGHANY, ST	60870	350	8	VC	REHAB	6	MANH	263	287.49	5	MANH	93	290.72	6	4	Skyline-Paradise Hills	L25S
	1290D7	CALLE SERENA,	60873	201	8	VC	REHAB	6	MANH	159	303.96	7	PLUG	C69	312.8	n/a	4	Skyline-Paradise Hills	L25S
	1290D7	EASEMENT	60883	285	10	VC	REHAB	1	MANH	90	265.43	11	MANH	92	266.33	11	4	Skyline-Paradise Hills	L25S
	1290D7	EASEMENT	60884	260	10	VC	REHAB	1	MANH	75	264.65	11	MANH	90	265.43	11	4	Skyline-Paradise Hills	L25S
	1290D7	EASEMENT	60654	200	10	VC	REHAB	1	MANH	76	264.05	11	MANH	75	264.65	11	4	Skyline-Paradise Hills	L25S
	1290D7	EASEMENT	60661	266	10	VC	REHAB	0	MANH	92	266.33	7	MANH	91	267.18	18	4	Skyline-Paradise Hills	L25S
	1290D7	ALLEGHANY, ST	60634	340	8	VC	REHAB	4	MANH	268	270.67	6	MANH	263	287.49	5	4	Skyline-Paradise Hills	L25S
	1290D7	SEA BREEZE DR	5443698	196	10	VC	REHAB	0	MANH	420	263.5	23	MANH	76	264.05	21	4	Skyline-Paradise Hills	L25S
	1290D7	SEA BREEZE, DR	5443699	46	10	VC	REHAB	0	MANH	72	263.32	22	MANH	420	263.5	23	4	Skyline-Paradise Hills	L25S

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4	1310C2	CHATTANOOGA, ST	53807	22	8	VC	REHAB	1	MANH	86	149.5	8	PLUG	C10	151.7	n/a	4	Skyline-Paradise Hills	K26S
	1310C2	BLUERIDGE, ST	53808	328	8	VC	PR&R	4	MANH	53	132	11	MANH	83	145.14	8	4	Skyline-Paradise Hills	K26S
	1310D2	HOPKINS, ST	53848	184	8	VC	REHAB	4	MANH	2	161.76	19	MANH	188	162.5	6	4	Skyline-Paradise Hills	L26S
	1310D2	CHATTANOOGA ST	53850	210	8	VC	REHAB	7	MANH	187	163.24	13	MANH	12	237	12	4	Skyline-Paradise Hills	K26S
	1310C2	BLUERIDGE, ST	53851	59	8	VC	REHAB	2	MANH	83	145.14	8	PLUG	C54	146.32	n/a	4	Skyline-Paradise Hills	K26S
	1310C2	BLUERIDGE, ST	53852	160	8	VC	REHAB	5	MANH	83	145.14	8	SNOD	101	152.49	n/a	4	Skyline-Paradise Hills	K26S
	1310D2	HOPKINS, ST	53856	185	8	VC	REHAB	6	MANH	2	161.76	19	MANH	158	186.12	18	4	Skyline-Paradise Hills	L26S
	1310C2	BLUERIDGE, ST	5494600	60	8	VC	REHAB	1	SNOD	101	0	n/a	MANH	47	160.65	2	4	Skyline-Paradise Hills	K26S
	1310D2	HOPKINS ST	61029	186	8	VC	REHAB	5	MANH	187	163.24	13	MANH	548	163.98	11	4	Skyline-Paradise Hills	L26S
	1310D2	BLUERIDGE, ST	53857	197	8	VC	REHAB	5	MANH	47	160.65	2	MANH	2	161.76	19	4	Skyline-Paradise Hills	K26S
1310C2	CHATTANOOGA, ST	53866	250	8	VC	REHAB	7	MANH	53	132	11	MANH	86	149.5	8	4	Skyline-Paradise Hills	K26S	
5	1310D3	CALLE SAL SI PUEDES,	61227	235	8	VC	REHAB	7	MANH	569	159.19	8	MANH	468	177.5	8	4	Skyline-Paradise Hills	L26S
	1310D2	CALLE SAL SI PUEDES	61228	148	8	VC	REHAB	6	MANH	468	177.5	8	MANH	457	192.3	7	4	Skyline-Paradise Hills	L26S
	1310D3	REO, DR	61258	413	8	VC	REHAB	0	MANH	7	75.62	9	MANH	5	131.9	6	4	Skyline-Paradise Hills	L27S
	1310D3	CALLE SAL SI PUEDES,	61261	282	8	VC	REHAB	5	MANH	5	131.9	6	MANH	569	159.19	8	4	Skyline-Paradise Hills	L26S
6	1310E2	DARDAINA, DR	61067	265	8	VC	REHAB	11	MANH	480	147.02	10	MANH	382	155.84	10	4	Skyline-Paradise Hills	L26S
	1310E2	DARDAINA, DR	61069	365	8	VC	REHAB	7	MANH	382	155.84	10	MANH	380	172.82	10	4	Skyline-Paradise Hills	L26S
	1310E2	MINOA, WY	60983	50	8	VC	REHAB	0	MANH	470	123.75	24	MANH	460	141.45	7	4	Skyline-Paradise Hills	L26S
	1310E2	DARDAINA, DR	61101	160	8	VC	REHAB	4	MANH	241	122.45	30	MANH	480	147.02	10	4	Skyline-Paradise Hills	L26S
	1310E2	MINOA, WY	61103	230	8	VC	REHAB	8	MANH	260	152.5	7	MANH	177	156	8	4	Skyline-Paradise Hills	L26S
	1310E2	MINOA, WY	61112	300	8	VC	REHAB	12	MANH	460	141.45	7	MANH	260	152.5	7	4	Skyline-Paradise Hills	L26S
	1310E2	DARDAINA, DR	61070	200	8	VC	REHAB	4	MANH	380	172.82	10	PLUG	C219	187.47	n/a	4	Skyline-Paradise Hills	L26S
7	1310E2	EASEMENT	61060	59	8	VC	REHAB	0	MANH	218	155.2	7	MANH	178	156.83	6	4	Skyline-Paradise Hills	L26S
	1310E2	EASEMENT	61062	89	8	VC	REHAB	0	MANH	218	155.2	7	MANH	181	156	8	4	Skyline-Paradise Hills	L26S
	1310E2	ARES, WY	61063	160	8	VC	REHAB	7	MANH	436	170.9	6	PLUG	C215	175.37	n/a	4	Skyline-Paradise Hills	L26S
	1310E2	DEMETER, WY	61064	180	8	VC	REHAB	9	MANH	484	172	7	PLUG	C555	176.49	n/a	4	Skyline-Paradise Hills	L26S
	1310E2	EASEMENT	61065	110	8	VC	REHAB	0	MANH	178	156.83	6	MANH	180	159.06	4	4	Skyline-Paradise Hills	L26S
	1310E2	DEMETER, WY	61066	305	8	VC	REHAB	11	MANH	181	156	8	MANH	484	172	7	4	Skyline-Paradise Hills	L26S
	1310E2	ARES, WY	61081	171	8	VC	REHAB	8	MANH	179	165.52	7	MANH	436	170.9	6	4	Skyline-Paradise Hills	L26S
	1310E2	PETTIGO, DR	61082	193	8	VC	PR&R	6	MANH	464	161.79	3	MANH	237	165	7	4	Skyline-Paradise Hills	L26S
	1310E2	ARES, WY	61083	179	8	VC	REHAB	5	MANH	180	159.06	4	MANH	179	165.52	7	4	Skyline-Paradise Hills	L26S
	1310E2	EASEMENT	61084	241	8	VC	REHAB	0	MANH	180	159.06	4	MANH	464	161.79	3	4	Skyline-Paradise Hills	L26S
	1310E2	ARTEMIA, WY	61109	209	8	VC	REHAB	6	MANH	278	124.28	22	MANH	488	145.1	7	4	Skyline-Paradise Hills	L26S
	1310E2	ARTEMIA, WY	61111	347	8	VC	REHAB	14	MANH	488	145.1	7	MANH	218	155.2	7	4	Skyline-Paradise Hills	L26S
	1310E2	PETTIGO, DR	61086	205	8	VC	REHAB	9	MANH	237	165	7	MANH	175	171.11	7	4	Skyline-Paradise Hills	L26S
8	1310E2	BEATRICE, CT	60978	102	8	VC	REHAB	3	MANH	288	204.13	8	PLUG	C162	108.11	n/a	4	Skyline-Paradise Hills	L26S
	1310E2	BEATRICE, ST	61145	261	8	VC	REHAB	4	MANH	646	135	7	MANH	47	138.12	10	4	Skyline-Paradise Hills	L26S
	1310E2	RHOADES, RD	61146	150	8	VC	REHAB	2	MANH	56	163.35	8	MANH	637	201	9	4	Skyline-Paradise Hills	L26S
	1310E1	BEATRICE, ST	61147	80	8	VC	REHAB	3	MANH	288	204.13	8	PLUG	C299	213	n/a	4	Skyline-Paradise Hills	L26S
	1310E2	BEATRICE, ST	61148	279	8	VC	REHAB	7	MANH	76	150.11	7	MANH	610	176.58	8	4	Skyline-Paradise Hills	L26S
	1310E2	BEATRICE, ST	61149	280	8	VC	REHAB	7	MANH	610	176.58	8	MANH	288	204.13	8	4	Skyline-Paradise Hills	L26S
	1310E2	RHOADES, RD	61162	317	8	VC	REHAB	9	MANH	129	163.35	8	MANH	56	163.35	8	4	Skyline-Paradise Hills	L26S
	1310E2	RHOADES, RD	61163	188	8	VC	REHAB	6	MANH	481	144.57	9	MANH	129	163.35	8	4	Skyline-Paradise Hills	L26S
	1310E2	RHOADES, RD	61165	148	8	VC	REHAB	4	MANH	111	140.12	9	MANH	481	141.57	9	4	Skyline-Paradise Hills	L26S
	1310E2	RHOADES, RD	61087	350	8	VC	REHAB	6	MANH	630	128.77	10	MANH	111	140.12	9	4	Skyline-Paradise Hills	L26S
	1310E2	BEATRICE, ST	61143	99	8	VC	REHAB	2	MANH	47	138.12	10	MANH	76	150.11	7	4	Skyline-Paradise Hills	L26S
9	1310E2	GARBER, AV	60972	49	8	VC	REHAB	0	MANH	217	128.35	11	MANH	193	129.34	12	4	Skyline-Paradise Hills	L26S
	1310F2	GARBER, AV	61022	235	8	VC	REHAB	2	MANH	184	182.4	7	MANH	165	202.11	9	4	Skyline-Paradise Hills	L26S
	1310F2	GARBER, AV	61023	104	8	VC	REHAB	3	MANH	165	202.11	9	MANH	621	211.2	6	4	Skyline-Paradise Hills	L26S
	1310F2	OVAL, DR	61025	190	8	VC	REHAB	7	MANH	165	202.11	9	PLUG	C171	208.5	n/a	4	Skyline-Paradise Hills	L26S
	1310F2	RHOADES, RD	61033	168	8	VC	REHAB	4	MANH	193	129.34	12	MANH	419	149.08	6	4	Skyline-Paradise Hills	L26S
	1310F2	PLATO, DR	61038	250	8	VC	REHAB	8	MANH	170	179.97	7	MANH	498	182.81	8	4	Skyline-Paradise Hills	L26S
	1310F2	ANALIESE WY	61039	69	8	VC	REHAB	4	MANH	544	159.6	8	PLUG	C236	161	n/a	4	Skyline-Paradise Hills	L26S
	1310F2	GARBER, AV	61040	26	8	VC	REHAB	1	MANH	170	179.97	7	MANH	184	182.4	7	4	Skyline-Paradise Hills	L26S
	1310F2	GARBER, AV	61041	260	8	VC	REHAB	3	MANH	185	154.4	6	MANH	170	179.97	7	4	Skyline-Paradise Hills	L26S
	1310F2	GARBER, AV	61042	56	8	VC	REHAB	1	MANH	419	149.08	6	MANH	185	154.4	6	4	Skyline-Paradise Hills	L26S
	1310F2	ANALIESE WY	61043	80	8	VC	REHAB	2	MANH	185	154.4	6	MANH	561	155	7	4	Skyline-Paradise Hills	L26S
	1310F2	ANALIESE WY	61044	225	8	VC	REHAB	9	MANH	561	155	7	MANH	544	159.6	8	4	Skyline-Paradise Hills	L26S

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10	1310F2	LOCKFORD, AV	61150	178	8	VC	REHAB	3	MANH	604	139.09	10	PLUG	C607	144.15	n/a	4	Skyline-Paradise Hills	L26S
	1310F1	HUTTON, AV	61151	156	8	VC	REHAB	5	MANH	227	183.02	7	PLUG	C153	195.13	n/a	4	Skyline-Paradise Hills	L26S
	1310F2	KEEN, DR	61152	325	8	VC	REHAB	9	MANH	152	144.05	7	MANH	133	173.04	8	4	Skyline-Paradise Hills	L26S
	1310F1	KEEN, DR	61153	154	8	VC	REHAB	5	MANH	133	173.04	8	PLUG	C164	188.92	n/a	4	Skyline-Paradise Hills	L26S
	1310F2	ROCKNE, ST	61155	262	8	VC	REHAB	6	MANH	604	139.09	10	MANH	131	149.57	10	4	Skyline-Paradise Hills	L26S
	1310E1	ROCKNE, ST	61156	344	8	VC	REHAB	10	MANH	131	149.57	10	MANH	227	183.02	7	4	Skyline-Paradise Hills	L26S
	1310F2	LOCKFORD, AV	61144	220	8	VC	REHAB	5	MANH	47	138.12	10	MANH	604	139.09	10	4	Skyline-Paradise Hills	L26S
1310F2	KEEN, DR	61215	337	8	VC	REHAB	5	MANH	647	137.9	7	MANH	152	144.05	7	4	Skyline-Paradise Hills	L26S	
11	1310F1	GARBER, AV	64470	154	8	VC	REHAB	7	MANH	59	222.4	7	PLUG	C60	231.02	n/a	4	Skyline-Paradise Hills	M26S
	1310F1	ALLEW, WY	64471	196	8	VC	REHAB	1	MANH	53	222.4	7	MANH	41	228.57	10	4	Skyline-Paradise Hills	M26S
	1310F1	ALLEW, WY	64473	145	8	VC	REHAB	8	MANH	41	228.57	10	PLUG	C42	241.86	n/a	4	Skyline-Paradise Hills	M26S
	1310F2	GARBER, AV	64477	139	8	VC	REHAB	4	MANH	12	166.6	10	MANH	17	168.79	9	4	Skyline-Paradise Hills	M26S
	1310F2	MORTON, WY	64486	174	8	VC	REHAB	10	MANH	13	176.19	10	PLUG	C11	177.93	n/a	4	Skyline-Paradise Hills	M26S
	1310F1	GARBER, AV	64488	248	8	VC	PR&R	9	MANH	17	168.79	9	MANH	95	195.5	6	4	Skyline-Paradise Hills	M26S
	1310F1	GARBER, AV	64462	150	8	VC	REHAB	4	MANH	95	195.5	6	MANH	96	214.5	7	4	Skyline-Paradise Hills	M26S
	1310F1	GARBER, AV	64463	111	8	VC	REHAB	4	MANH	96	214.5	7	MANH	53	222.4	7	4	Skyline-Paradise Hills	M26S
	1310F2	HEDGES, WY	64453	38	8	VC	REHAB	0	MANH	36	174.2	7	PLUG	C35	175.01	n/a	4	Skyline-Paradise Hills	M26S
12	1310F1	EASEMENT	64460	275	8	VC	REHAB	0	MANH	54	215.74	9	MANH	62	226.6	10	4	Skyline-Paradise Hills	M26S
	1310F1	PARTHENON, DR	64457	154	8	VC	REHAB	0	MANH	38	233.49	8	MANH	46	235.4	8	4	Skyline-Paradise Hills	M26S
	1310F1	OMEGA, DR	64466	111	8	VC	REHAB	0	MANH	40	237.14	7	MANH	39	240.4	7	4	Skyline-Paradise Hills	M26S
	1310F1	ARISTOTLE, DR	64467	233	8	VC	REHAB	9	MANH	50	247.77	7	MANH	49	252.43	7	4	Skyline-Paradise Hills	M26S
	1310F1	OMEGA, DR	64469	246	8	VC	REHAB	1	MANH	39	240.4	7	MANH	50	247.77	7	4	Skyline-Paradise Hills	M26S
	1310F1	PARKSIDE, AV	64491	240	8	VC	REHAB	0	MANH	45	243.4	7	SNOD	99	0	n/a	4	Skyline-Paradise Hills	M26S
	1310F1	OMEGA, DR	64499	246	8	VC	REHAB	1	MANH	65	230.3	9	MANH	61	227	9	4	Skyline-Paradise Hills	M26S
	1310F1	PARKSIDE, AV	64500	242	8	VC	REHAB	0	MANH	65	230.3	9	MANH	45	243.4	7	4	Skyline-Paradise Hills	M26S
	1310F1	PARTHENON, DR	64502	250	8	VC	PR&R	9	MANH	62	226.6	10	MANH	63	231.83	7	4	Skyline-Paradise Hills	M26S
	1310F1	OMEGA, DR	64503	109	8	VC	REHAB	1	MANH	61	227	9	MANH	38	233.49	8	4	Skyline-Paradise Hills	M26S
	1310F1	OMEGA, DR	64498	124	8	VC	REHAB	0	MANH	38	233.49	8	MANH	40	237.14	7	4	Skyline-Paradise Hills	M26S
	1310F1	SYLVY, WY	64504	281	8	VC	REHAB	11	MANH	54	215.74	9	MANH	66	228.36	7	4	Skyline-Paradise Hills	M26S
	1310F1	PARKSIDE, AV	64507	167	8	VC	PR&R	0	MANH	56	207.04	7	MANH	54	215.74	9	4	Skyline-Paradise Hills	M26S
	1310F1	PARKSIDE, AV	64505	110	8	VC	REHAB	1	SNOD	99	0	n/a	MANH	1	251.23	15	4	Skyline-Paradise Hills	M26S
13	1310F1	PINECONE, LN	64493	229	8	VC	REHAB	7	MANH	46	235.4	8	MANH	51	245.45	9	4	Skyline-Paradise Hills	M26S
	1310F1	PINECONE, LN	64495	334	8	VC	REHAB	9	MANH	2	260.5	8	MANH	351	275.16	9	4	Skyline-Paradise Hills	M25S
	1310F1	STONEPINE, LN	64496	100	8	VC	REHAB	1	MANH	94	255.42	8	MANH	347	258.6	8	4	Skyline-Paradise Hills	M25S
	1310F1	PINECONE, LN	64497	225	8	VC	REHAB	7	MANH	51	245.45	9	MANH	3	254.54	9	4	Skyline-Paradise Hills	M26S
	1310F1	CAMPBOR, LN	64451	49	8	VC	REHAB	3	MANH	47	236.35	8	PLUG	C48	237.33	n/a	4	Skyline-Paradise Hills	M26S
	1310F1	PINECONE, LN	64455	94	8	VC	REHAB	0	MANH	46	235.4	8	MANH	47	236.35	8	4	Skyline-Paradise Hills	M26S
	1310F1	CAMPBOR, LN	64490	257	8	VC	REHAB	8	MANH	37	246.03	8	MANH	94	255.42	8	4	Skyline-Paradise Hills	M26S
	1310F1	CAMPBOR, LN	64492	213	8	VC	REHAB	6	MANH	47	235.4	8	MANH	37	246.03	8	4	Skyline-Paradise Hills	M26S
	1310F1	PINECONE, LN	64510	123	8	VC	REHAB	0	MANH	3	254.54	9	MANH	2	260.5	8	4	Skyline-Paradise Hills	M26S
	1310F1	STONEPINE, LN	64126	215	8	VC	REHAB	7	MANH	345	261.85	8	MANH	350	269.7	8	4	Skyline-Paradise Hills	M25S
	1310F1	STONEPINE, LN	64198	248	8	VC	REHAB	6	MANH	350	269.7	8	MANH	349	280.2	8	4	Skyline-Paradise Hills	M25S
14	1310E1	KEEN, DR	60776	240	8	VC	PR&R	5	MANH	101	265	9	MANH	103	291.8	9	4	Skyline-Paradise Hills	L25S
	1310F1	KEEN, DR	60790	66	8	VC	REHAB	1	MANH	131	252.66	20	MANH	101	265	9	4	Skyline-Paradise Hills	L25S
	1310F1	DUSK, DR	60793	221	10	VC	REHAB	5	MANH	149	250.45	19	MANH	131	252.66	20	4	Skyline-Paradise Hills	L25S
	1310E1	DUSK, DR	60810	222	10	VC	REHAB	2	MANH	159	255.58	15	MANH	152	257.8	9	4	Skyline-Paradise Hills	L25S
	1310E1	VIEWPOINT, DR	60814	200	8	VC	REHAB	4	MANH	103	291.8	9	MANH	102	297.88	13	4	Skyline-Paradise Hills	L25S
15	1290E7	DUSK, DR	60630	200	8	VC	REHAB	6	MANH	144	271.54	9	MANH	278	281	9	4	Skyline-Paradise Hills	L25S
	1290E7	DUSK, DR	60676	224	8	VC	REHAB	6	MANH	278	281	9	MANH	280	293	8	4	Skyline-Paradise Hills	L25S
	1290E7	DUSK, DR	60675	224	8	VC	PR&R	4	MANH	280	293	8	MANH	244	302	14	4	Skyline-Paradise Hills	L25S

MAP SHEET NO.	THOMAS BRO.	STREET NAME	FSN	LENGTH	SIZE	MATL	ACTION	LATERALS	DS MH ID	DS MH E	DS MH DEPTH	US MH ID	US MH E	US MH DEPTH	COUNCIL DISTRICT	COMMUNITY	GATE PAGE		
16		CASEY ST	64093	309	10	VC	REHAB	0	MANH	123	256.02	7	MANH	252	259.79	6	4	Skyline-Paradise Hills	M25S
		CASEY ST	64091	129	10	VC	REHAB	0	MANH	252	259.79	6	MANH	251	261.89	6	4	Skyline-Paradise Hills	M25S
		TOOMA, ST	64407	160	8	VC	REHAB	0	MANH	71	310.54	10	MANH	112	304.87	8	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64427	314	10	VC	REHAB	0	MANH	115	290.03	7	MANH	71	301.54	10	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64429	70	10	VC	REHAB	0	MANH	111	271	9	MANH	114	271.94	13	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64431	217	10	VC	REHAB	2	MANH	114	271.94	13	MANH	115	290.03	7	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64239	300	10	VC	REHAB	0	MANH	251	261.89	6	MANH	111	271	9	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64069	110	8	VC	REHAB	0	MANH	177	255.35	6	PLUG	C126	258	n/a	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64063	55	10	VC	REHAB	0	MANH	177	255.34	6	MANH	123	256.02	7	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64065	182	10	VC	REHAB	0	MANH	176	253.12	7	MANH	177	255.34	6	4	Skyline-Paradise Hills	M25S
		APPIAN, DR	64079	111	10	VC	REHAB	0	MANH	149	250.9	7	MANH	176	253.12	7	4	Skyline-Paradise Hills	M25S
		APPIAN, DR	64081	256	10	VC	REHAB	0	MANH	150	242	12	MANH	149	250.9	7	4	Skyline-Paradise Hills	M25S
		APPIAN, DR	64082	248	8	VC	REHAB	0	MANH	150	242	12	MANH	148	251	5	4	Skyline-Paradise Hills	M25S
		CASEY, ST	64158	30	8	VC	REHAB	0	MANH	213	246.54	7	PLUG	C193	246.84	n/a	4	Skyline-Paradise Hills	M25S
	CASEY, ST	64159	227	8	VC	REHAB	0	MANH	224	244.6	9	MANH	213	246.54	7	4	Skyline-Paradise Hills	M25S	
17		ALLEY,	64178	339	8	VC	REHAB	0	MANH	71	301.54	10	MANH	64	306.37	12	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64344	231	8	VC	REHAB	0	MANH	64	306.37	12	MANH	80	319.81	7	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64345	350	8	VC	REHAB	0	MANH	80	319.81	7	MANH	79	332.41	9	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64346	89	8	VC	PR&R	0	MANH	79	332.41	9	MANH	94	332.77	12	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64377	258	8	VC	REHAB	0	MANH	94	332.77	12	MANH	15	333.8	15	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64380	130	8	VC	REHAB	3	MANH	18	334.97	11	PLUG	C76	340.17	n/a	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64386	119	8	VC	REHAB	0	MANH	64	306.37	12	MANH	60	307.85	8	4	Skyline-Paradise Hills	M25S
18		LATROBE, CR	64231	221	8	VC	REHAB	5	MANH	59	311.8	7	MANH	395	313.02	8	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64238	221	8	VC	REHAB	3	MANH	61	309.68	9	MANH	357	313.04	8	4	Skyline-Paradise Hills	M25S
		LATROBE, CR	64247	142	8	VC	REHAB	3	MANH	395	313.02	8	MANH	394	318.52	9	4	Skyline-Paradise Hills	M25S
		BARNEY, ST	64253	255	8	VC	REHAB	7	MANH	30	313	8	MANH	29	332.5	8	4	Skyline-Paradise Hills	M25S
		BARNEY, ST	64254	130	8	VC	REHAB	2	MANH	53	310	7	MANH	30	313	8	4	Skyline-Paradise Hills	M25S
		LATROBE CR	64259	173	8	VC	REHAB	3	MANH	29	332.5	8	MANH	27	342.26	7	4	Skyline-Paradise Hills	M25S
		LATROBE, CR	64261	143	8	VC	REHAB	5	MANH	393	326.97	8	PLUG	C216	0	n/a	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64274	354	8	VC	REHAB	2	MANH	357	313.04	8	MANH	271	318.42	8	4	Skyline-Paradise Hills	M25S
		ALSACIA, ST	64387	200	8	VC	REHAB	3	MANH	60	307.85	8	MANH	61	309.68	9	4	Skyline-Paradise Hills	M25S
		LATROBE, CR	64393	322	8	VC	REHAB	8	MANH	394	318.52	9	MANH	393	326.97	8	4	Skyline-Paradise Hills	M25S
		BARNEY, ST	64394	270	8	VC	REHAB	4	MANH	60	307.85	8	MANH	53	310	7	4	Skyline-Paradise Hills	M25S
		LATROBE, CR	64395	230	8	VC	REHAB	6	MANH	53	310	7	MANH	59	311.8	7	4	Skyline-Paradise Hills	M25S

Total LF of pipeline= 40028      Total Laterals = 829

**APPENDIX I**  
**MANHOLE SPREADSHEET**

PIPELINE REHABILITATION AJ-1 MANHOLES

MAP/SHT NO	THOMAS BRO	STREET NAME	MANHOLES ID	MANHOLE IE	MANHOLE DEPTH	MANHOLE METHOD	COUNCIL DISTRICT	COMMUNITY	GATE PAGE
1	1290C7	REO, DR	28	165.4	10	REHAB	4	Skyline-Paradise Hills	K255
1	1290C7	OLIVE, AV	114	144.95	8	INSTALL NEW MANHOLE @ SNOD	4	Skyline-Paradise Hills	K255
1	1290C7	REO DR	11	148.89	9	REHAB	4	Skyline-Paradise Hills	K255
1	1290C7	ALTAMONT, CR	C62	179	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
1	1290C7	REO DR	C103	149.39	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
2	1290C7	ALTAMONT WY	C13	218.5	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
2	1290C7	RIDGEWOOD DR	C102	0	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
2	1310C1	ALLEGHANY, ST	57	204.24	10	REHAB	4	Skyline-Paradise Hills	K255
2	1310D1	ALLEGHANY, ST	293	214.59	9	REHAB	4	Skyline-Paradise Hills	L255
2	1290C7	ALTAMONT DR	C63	195	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
2	1290C7	ALTAMONT, CT	C95	193	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
2	1290C7	RIDGEWOOD DR	C98	271.94	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K255
2	1290D7	ALLEGHANY, ST	291	224.19	11	REHAB	4	Skyline-Paradise Hills	L255
3	1290D7	ALLEGHANY, ST	159	303.96	7	REHAB	4	Skyline-Paradise Hills	L255
3	1290D7	ALLEGHANY, ST	C155	311.56	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L255
3	1290D7	ALLEGHANY, ST	156	293.87	8	REHAB	4	Skyline-Paradise Hills	L255
3	1290D7	CALLE SERENA,	C69	312.8	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L255
4	1310C2	CHATTANOOGA, ST	86	149.5	8	REHAB	4	Skyline-Paradise Hills	K265
4	1310C2	CHATTANOOGA, ST	C10	151.7	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K265
4	1310C2	BLUERIDGE, ST	C54	146.32	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	K265
4	1310C2	BLUERIDGE, ST	101	152.49	n/a	INSTALL NEW MANHOLE @ SNOD	4	Skyline-Paradise Hills	K265
6	1310E2	MINOA, WY	470	123.75	24	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
6	1310E2	MINOA, WY	460	141.45	7	REHAB	4	Skyline-Paradise Hills	L265
6	131000	DARDAINA, DR	382	155.84	10	REHAB	4	Skyline-Paradise Hills	L265
6	1310E2	DARDAINA, DR	380	172.82	10	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
6	1310E2	DARDAINA, DR	C219	187.47	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L265
6	1310E2	DARDAINA, DR	241	122.45	30	REHAB	4	Skyline-Paradise Hills	L265
6	1310E2	DARDAINA, DR	480	147.02	10	REHAB	4	Skyline-Paradise Hills	L265
6	1310E2	EASEMENT	177	156	8	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
6	1310E2	MINOA, WY	260	152.5	7	REHAB	4	Skyline-Paradise Hills	L265
7	1310E2	ARES, WY	436	170.9	6	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
7	1310E2	ARES, WY	C215	175.37	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L265
7	1310E2	DEMETER, WY	484	172	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
7	1310E2	DEMETER, WY	C555	176.49	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L265
7	1310E2	EASEMENT	178	156.83	6	REHAB	4	Skyline-Paradise Hills	L265
7	1310E2	EASEMENT	180	159.06	4	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
7	1310E2	ARES, WY	179	165.52	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
7	1310E2	EASEMENT	464	161.79	3	REHAB	4	Skyline-Paradise Hills	L265
7	1310E2	PETTIGO, DR	237	165	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
7	1310E2	PETTIGO, DR	175	171.11	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
7	131000	ARTEMIA, WY	488	145.1	7	REHAB	4	Skyline-Paradise Hills	L265
7	1310E2	ARTEMIA, WY	218	155.2	7	REHAB	4	Skyline-Paradise Hills	L265
8	1310E2	BEATRICE, CT	C162	108.11	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L265
8	1310E2	RHOADES, RD	111	140.12	9	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
8	1310E2	BEATRICE, ST	76	150.11	7	REHAB	4	Skyline-Paradise Hills	L265
8	1310E1	BEATRICE, ST	C299	213.44	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L265
8	1310E2	RHOADES, RD	129	163.35	8	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
8	1310E2	RHOADES, RD	56	163.35	8	REPLACE MANHOLE	4	Skyline-Paradise Hills	L265
8	1310E2	RHOADES, RD	481	144.57	9	POINT REPAIR MANHOLE	4	Skyline-Paradise Hills	L265

MAP/SHT NO.	THOMAS BRO.	STREET NAME	MANHOLE ID	MANHOLE IE	MANHOLE DEPTH	MANHOLE METHOD	COUNCIL DISTRICT	COMMUNITY	GATE PAGE
9	1310F2	GARBER, AV	165	202.11	9	REHAB	4	Skyline-Paradise Hills	L26S
9	1310F2	OVAL, DR	C171	208.5	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L26S
9	1310F2	PLATO, DR	170	179.97	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	L26S
9	1310F2	PLATO, DR	498	182.81	8	REHAB	4	Skyline-Paradise Hills	L26S
9	1310F2	ANALIESE WY	C236	161	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L26S
9	1310F2	GARBER, AV	184	182.4	7	REHAB	4	Skyline-Paradise Hills	L26S
9	1310F2	ANALIESE WY	185	154.4	6	REHAB	4	Skyline-Paradise Hills	L26S
9	1310F2	ANALIESE WY	561	155	7	REHAB	4	Skyline-Paradise Hills	L26S
9	1310F2	ANALIESE WY	544	159.6	8	REHAB	4	Skyline-Paradise Hills	L26S
10	1310F2	LOCKFORD, AV	C607	144.15	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L26S
10	1310F1	HUTTON, AV	C153	195.13	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L26S
10	1310F2	KEEN, DR	152	144.05	7	REHAB	4	Skyline-Paradise Hills	L26S
10	1310F2	KEEN, DR	133	173.04	8	REHAB	4	Skyline-Paradise Hills	L26S
10	1310F1	KEEN, DR	C164	188.92	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	L26S
10	1310F2	ROCKNE, ST	131	149.57	10	REHAB	4	Skyline-Paradise Hills	L26S
11	1310F1	GARBER, AV	C60	231.02	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
11	1310F1	ALLEW, WY	41	228.57	10	REHAB	4	Skyline-Paradise Hills	M25S
11	1310F1	ALLEW, WY	C42	241.86	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
11	1310F2	MORTON, WY	13	176.19	10	REPLACE MANHOLE	4	Skyline-Paradise Hills	M25S
11	1310F2	MORTON, WY	C11	177.93	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
11	1310F2	HEDGES, WY	C35	175.01	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M26S
12	1310F1	EASEMENT	54	215.74	9	REPLACE MANHOLE	4	Skyline-Paradise Hills	M25S
12	1310F1	EASEMENT	62	226.6	10	REHAB	4	Skyline-Paradise Hills	M25S
12	1310F1	PARKSIDE, AV	45	243.4	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	M25S
12	1310F1	PARKSIDE, AV	99	0	n/a	INSTALL NEW MANHOLE @ SNOD	4	Skyline-Paradise Hills	M25S
12	1310F1	PARTHENON, DR	62	226.6	10	REHAB	4	Skyline-Paradise Hills	M25S
12	1310F1	PARKSIDE, AV	56	207.04	7	REPLACE MANHOLE	4	Skyline-Paradise Hills	M25S
12	1310F1	PARKSIDE, AV	1	251.23	15	REHAB	4	Skyline-Paradise Hills	M25S
13	1310F1	CAMPBOR, LN	C48	237.33	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
13	1310F1	PINECONE, LN	51	245.45	9	REHAB	4	Skyline-Paradise Hills	M25S
13	1310F1	STONEPINE, LN	349	280.2	8	REHAB	4	Skyline-Paradise Hills	M25S
13	1310F1	STONEPINE, LN	345	261.85	8	REPLACE MANHOLE	4	Skyline-Paradise Hills	M25S
13	1310F1	STONEPINE, LN	350	269.7	8	REHAB	4	Skyline-Paradise Hills	M25S
14	1310E1	KEEN, DR	101	265	9	POINT REPAIR MANHOLE	4	Skyline-Paradise Hills	L25S
14	1310F1	KEEN, DR	131	252.66	20	REHAB	4	Skyline-Paradise Hills	L25S
14	1310E1	DUSK, DR	153	255.58	15	REPLACED MANHOLE	4	Skyline-Paradise Hills	L25S
14	1310E1	VIEWPOINT, DR	103	291.8	9	REHAB	4	Skyline-Paradise Hills	L25S
16	1310G1	APPIAN DR	149	250.9	7	POINT REPAIR MANHOLE	4	Skyline-Paradise Hills	M25S
16	1310G1	APPIAN DR	148	251	5	POINT REPAIR MANHOLE	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY ST	224	244.6	9	POINT REPAIR MANHOLE	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY ST	252	259.79	6	REHAB	4	Skyline-Paradise Hills	M25S
16	1310G1	CASEY ST	177	255.35	6	REHAB	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY ST	114	271.94	13	REHAB	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY ST	111	271	9	REHAB	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY, ST	123	256.02	7	REHAB	4	Skyline-Paradise Hills	M25S
16	1310G1	APPIAN, DR	150	242	12	REHAB	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY, ST	C193	246.84	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
16	1290G7	ALLEY,	71	301.54	10	REHAB	4	Skyline-Paradise Hills	M25S
16	1290G7	CASEY, ST	251	261.89	6	REHAB	4	Skyline-Paradise Hills	M25S
16	1290G7	TOOMA, ST	112	304.87	8	REHAB	4	Skyline-Paradise Hills	M25S
16	1310G1	CASEY ST	C126	258	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S

MAP SHEET NO.	THOMAS BRO	STREET NAME	MANHOLES ID	MANHOLE IE	MANHOLE DEPTH	MANHOLE METHOD	COUNCIL DISTRICT	COMMUNITY	GATE PAGE
17	1290F7	ALSACIA, ST	C76	340.17	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
18	1290G7	BARNEY, ST	30	313	8	REHAB	4	Skyline-Paradise Hills	M25S
18	1290G7	BARNEY, ST	53	310	7	REHAB	4	Skyline-Paradise Hills	M25S
18	1290G7	LATROBE, CR	C216	0	n/a	INSTALL CLEANOUT	4	Skyline-Paradise Hills	M25S
18	1290G7	ALSACIA, ST	357	313.04	8	REHAB	4	Skyline-Paradise Hills	M25S
18	1290G7	ALSACIA, ST	271	318.42	8	REHAB	4	Skyline-Paradise Hills	M25S
18	1290G7	ALSACIA, ST	60	307.85	8	REHAB	4	Skyline-Paradise Hills	M25S

Rehab Manholes Totals - 49  
 Replaced Manholes Totals - 19  
 Install New Manholes Totals - 3  
 Point Repair Manholes Totals- 5  
 Install Cleanouts Totals - 30

**APPENDIX J**  
**LATERAL SPREADSHEET**

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 1**  
**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
1	1	53779	368881	K25S	4	1919	ALTAMONT PL	1290C7
	2		271018	K25S	4	1905	ALTAMONT PL	1290C7
	3		271019	K25S	4	1904	ALTAMONT PL	1290C7
	4		271023	K25S	4	1918	ALTAMONT PL	1290C7
	5		368904	K25S	4	1932	ALTAMONT PL	1310C1
	6		368921	K25S	4	1946	ALTAMONT PL	1310C1
	7		271107	K25S	4	1960	ALTAMONT PL	1310C1
	8		368954	K25S	4	1974	ALTAMONT PL	1310C1
	9		271130	K25S	4	1989	ALTAMONT PL	1310C1
	10		368932	K25S	4	1975	ALTAMONT PL	1310C1
	11		369818	K25S	4	1961	ALTAMONT PL	1310C1
	12		368898	K25S	4	1947	ALTAMONT PL	1310C1
	13		368883	K25S	4	1947	ALTAMONT PL	1310C1
	14	53782	368977	K25S	4	1988	ALTAMONT PL	1310C1
	15		368992	K25S	4	5701	ALTAMONT DR	1310C1
	16		271176	K25S	4	5703	ALTAMONT DR	1310C1
	17		368993	K25S	4	5709	ALTAMONT DR	1310C1
	18		271157	K25S	4	5715	ALTAMONT DR	1310C1
	19		368992	K25S	4	5721	ALTAMONT DR	1310C1
	20		368973	K25S	4	5727	ALTAMONT DR	1310C1

1	21	53780	368963	K25S	4	5733	ALTAMONT DR	1310C1
	22		368959	K25S	4	5739	ALTAMONT DR	1310C1
	23		368953	K25S	4	5745	ALTAMONT DR	1310C1
	24		271117	K25S	4	5751	ALTAMONT DR	1310C1
	25	53773	368940	K25S	4	5757	ALTAMONT DR	1310C1
	26		271101	K25S	4	5763	ALTAMONT DR	1310C1
	27		368928	K25S	4	5769	ALTAMONT DR	1310C1
	28		271084	K25S	4	5775	ALTAMONT DR	1310C1
	29		271075	K25S	4	5781	ALTAMONT DR	1310C1
	30		271062	K25S	4	5787	ALTAMONT DR	1310C1
	31		271054	K25S	4	5793	ALTAMONT DR	1310C1
	32		368909	K25S	4	5764	ALTAMONT DR	1290C7
	33		271056	K25S	4	5770	ALTAMONT DR	1290C7
	34		271046	K25S	4	5776	ALTAMONT DR	1290C7
	35		271038	K25S	4	5788	ALTAMONT DR	1290C7
	36		368878	K25S	4	5794	ALTAMONT DR	1290C7
	37		53781	368930	K25S	4	1990	OLIVE AV
	38	271070		K25S	4	1976	OLIVE AV	1310C1
	39	368997		K25S	4	1964	OLIVE AV	1310C1
	40	271021		K25S	4	1946	OLIVE AV	1290C7
	41	271083		K25S	4	1987	OLIVE AV	1310C1
	42	271058		K25S	4	1975	OLIVE AV	1310C1
	43	271036		K25S	4	1963	OLIVE AV	1290C7
	44	368876		K25S	4	1945	OLIVE AV	1290C7
	45	53777	270993	K25S	4	1940	OLIVE AV	1290C7
	46		270967	K25S	4	1928	OLIVE AV	1290C7
	47		270939	K25S	4	1916	OLIVE AV	1290C7
	48		270974	K25S	4	1939	OLIVE AV	1290C7
	49		368819	K25S	4	1927	OLIVE AV	1290C7
	50		270915	K25S	4	1915	OLIVE AV	1290C7
	51		270889	K25S	4	1903	OLIVE AV	1290C7

1	52	53741	270826	K25S	4	1896	OLIVE AV	1290C7
	53		270803	K25S	4	1880	OLIVE AV	1290C7
	54		368706	K25S	4	1866	OLIVE AV	1290C7
	55		368681	K25S	4	1846	OLIVE AV	1290C7
	56		270816	K25S	4	1895	OLIVE AV	1290C7
	57		270795	K25S	4	1875	OLIVE AV	1290C7
	58		53738	270719	K25S	4	1826	OLIVE AV
	59	270697		K25S	4	1806	OLIVE AV	1290C7
	60	270711		K25S	4	1825	OLIVE AV	1290C7
	61	368631		K25S	4	1805	OLIVE AV	1290C7
	62	53772	368908	K25S	4	1996	ALTAMONT CR	1310C1
	63		368884	K25S	4	1990	ALTAMONT CR	1290C7
	64		368873	K25S	4	1984	ALTAMONT CR	1290C7
	65		270992	K25S	4	1978	ALTAMONT CR	1290C7
	66		280793	K25S	4	1977	ALTAMONT CR	1290C7
	67		270991	K25S	4	1983	ALTAMONT CR	1290C7
	68		270998	K25S	4	1989	ALTAMONT CR	1290C7
	69	53743	270912	K25S	4	1894	REO DR	1290C7
	70		270916	K25S	4	1884	REO DR	1290C7
	71		368805	K25S	4	1874	REO DR	1290C7
	72		368809	K25S	4	1864	REO DR	1290C7
	73		368813	K25S	4	1854	REO DR	1290C7
74	270873		K25S	4	1883	REO DR	1290C7	
75	270879		K25S	4	1867	REO DR	1290C7	
76	270887		K25S	4	1853	REO DR	1290C7	
77	53778	368817	K25S	4	1844	REO DR	1290C7	
78		270930	K25S	4	1834	REO DR	1290C7	
79	53745	270846	K25S	4	5602	PLUMAS ST	1290C7	
80		270824	K25S	4	5610	PLUMAS ST	1290C7	
81		368722	K25S	4	5620	PLUMAS ST	1290C7	
82		270783	K25S	4	5628	PLUMAS ST	1290C7	

1	83	53744	270797	K25S	4	5655	PLUMAS ST	1290C7
	84		368710	K25S	4	5665	PLUMAS ST	1290C7
	85		368703	K25S	4	5675	PLUMAS ST	1290C7
	86		368698	K25S	4	5685	PLUMAS ST	1290C7
	87		270751	K25S	4	5686	PLUMAS ST	1290C7
	88		270763	K25S	4	5676	PLUMAS ST	1290C7
	89		270772	K25S	4	5666	PLUMAS ST	1290C7
	90		368687	K25S	4	5656	PLUMAS ST	1290C7
	92		270778	K25S	4	5646	PLUMAS ST	1290C7
	93		270779	K25S	4	5638	PLUMAS ST	1290C7
	94	53802	368674	K25S	4	5707	PLUMAS ST	1290C7
	95		270744	K25S	4	5717	PLUMAS ST	1290C7
	96		368667	K25S	4	5727	PLUMAS ST	1290C7
	97		368662	K25S	4	5747	PLUMAS ST	1290C7
	98		368657	K25S	4	5767	PLUMAS ST	1290C7
	99		270688	K25S	4	5766	PLUMAS ST	1290C7
	100		270696	K25S	4	5746	PLUMAS ST	1290C7
	101		270708	K25S	4	5726	PLUMAS ST	1290C7
	102	53742	368652	K25S	4	5787	PLUMAS ST	1290C7
	103		270715	K25S	4	5797	PLUMAS ST	1290C7
104	270710		K25S	4	5803	PLUMAS ST	1290C7	
105	270698		K25S	4	5809	PLUMAS ST	1290C7	
106	270660		K25S	4	5816	PLUMAS ST	1290C7	
107	368625		K25S	4	5810	PLUMAS ST	1290C7	
108	270669		K25S	4	5804	PLUMAS ST	1290C7	
109	270675		K25S	4	5796	PLUMAS ST	1290C7	
110	270679		K25S	4	5786	PLUMAS ST	1290C7	

1	111	53799	368621	K25S	4	5822	PLUMAS ST	1290C7
	112	53740	N/A	K25S	N/A	N/A	REO DR	1290C7
	113	53725	270901	K25S	4	1924	REO DR	1290C7
	114		368792	K25S	4	1934	REO DR	1290C7
	115		270906	K25S	4	1944	REO DR	1290C7
	116		368774	K25S	4	1894	REO CT	1290C7
	117		270853	K25S	4	1935	REO DR	1290C7
	118		270848	K25S	4	1925	REO DR	1290C7
	119		53726	368799	K25S	4	1954	REO DR
	120	270924		K25S	4	1964	REO DR	1290C7
	121	270947		K25S	4	1974	REO DR	1290C7
	122	368843		K25S	4	1984	REO DR	1290C7
	123	388782		K25S	4	2003	REO DR	1290C7
	124	53727	368754	K25S	4	1814	REO CT	1290C7
	125		368715	K25S	4	1814	REO CT	1290C7
	126		270798	K25S	4	1834	REO CT	1290C7
	125		270802	K25S	4	1854	REO CT	1290C7
	126		368740	K25S	4	1874	REO CT	1290C7

**PIPELINE REHABILITATION AJ-1**

LATERALS SHT 2  
WBS No.: B-15201

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
2	1	53774	271164	K25S	4	2105	REO DR	1310C1
	2		368987	K25S	4	2105	REO DR	1310C1
	3		271150	K25S	4	5815	ALLEGANY ST	1310C1
	4		271140	K25S	4	5810	ALLEGANY ST	1310C1
	5		368983	K25S	4	5810	ALLEGANY ST	1310C1
	6	53775	368957	L25S	4	5845	ALLEGANY ST	1310D1
	7		271125	L25S	4	5851	ALLEGANY ST	1310D1
	8		271113	L25S	4	5859	ALLEGANY ST	1310D1
	9	60638	271106	L25S	4	5865	ALLEGANY ST	1310D1
	10		271069	L25S	4	5873	ALLEGANY ST	1310D1
	11		271086	L25S	4	5879	ALLEGANY ST	1310D1
	12		271076	L25S	4	5887	ALLEGANY ST	1310D1
	13		271065	L25S	4	2110	WESTPORT ST	1310D1
	14		368903	L25S	4	5816	ALLEGANY ST	1290D7
	15	60731	368902	L25S	4	5905	ALLEGANY ST	1290D7
	16		271047	L25S	4	5905	ALLEGANY ST	1290D7
	17		368891	L25S	4	5913	ALLEGANY ST	1290D7
	18		271026	L25S	4	5917	ALLEGANY ST	1290D7
	19		271011	L25S	4	5929	ALLEGANY ST	1290D7
	20		271007	L25S	4	5933	ALLEGANY ST	1290D7
	21		270983	L25S	4	5932	ALLEGANY ST	1290D7
	22		368856	L25S	4	5932	ALLEGANY ST	1290D7
	23		368864	L25S	4	5920	ALLEGANY ST	1290D7
	24		368875	L25S	4	5910	ALLEGANY ST	1290D7

2	25	60744	271000	L25S	4	5941	ALLEGANY ST	1290D7
	26		368860	L25S	4	5949	ALLEGANY ST	1290D7
	27		270966	L25S	4	5956	ALLEGANY ST	1290D7
	28		368844	L25S	4	5942	ALLEGANY ST	1290D7
	29		270976	L25S	4	5942	ALLEGANY ST	1290D7
	30	53798	270642	K25S	4	1835	ALTAMONT CT	1290C7
	31		270614	K25S	4	1805	ALTAMONT CT	1290C7
	32		270615	K25S	4	1804	ALTAMONT CT	1290C7
	33		270619	K25S	4	1818	ALTAMONT CT	1290C7
	34		368587	K25S	4	1834	ALTAMONT CT	1290C7
	35		270627	K25S	4	1854	ALTAMONT CT	1290C7
	36	53797	270649	K25S	4	1865	ALTAMONT CT	1290C7
	37		368597	K25S	4	1874	ALTAMONT CT	1290C7
	38		368618	K25S	4	1894	ALTAMONT CT	1290C7
	39	53796	270685	K25S	4	5815	PLUMAS ST	1290C7
	40		368663	K25S	4	1914	ALTAMONT CT	1290C7
	41		280792	K25S	4	1924	ALTAMONT CT	1290C7
	42		270781	K25S	4	1934	ALTAMONT CT	1290C7
	43		368718	K25S	4	1944	ALTAMONT CT	1290C7
	44		270805	K25S	4	1953	ALTAMONT CT	1290C7
	45		368694	K25S	4	1941	ALTAMONT CT	1290C7
	46		270758	K25S	4	1929	ALTAMONT CT	1290C7
	47		270733	K25S	4	1917	ALTAMONT CT	1290C7
	48		368641	K25S	4	1905	ALTAMONT CT	1290C7
	49		270678	K25S	4	1895	ALTAMONT CT	1290C7
	50	53731	368746	K25S	4	1954	ALTAMONT CT	1290C7
	51		270855	K25S	4	1974	ALTAMONT CT	1290C7
	52		270875	K25S	4	1964	ALTAMONT CT	1290C7
	53		270896	K25S	4	1984	ALTAMONT CT	1290C7
	54		368777	K25S	4	1977	ALTAMONT CT	1290C7
	55		270835	K25S	4	1965	ALTAMONT CT	1290C7
	56	53776	368862	K25S	4	5803	ALTAMONT DR	1290C7
	57		368851	K25S	4	5811	ALTAMONT DR	1290C7
	58		270942	K25S	4	5816	ALTAMONT DR	1290C7
	59		270964	K25S	4	5804	ALTAMONT DR	1290C7

2	60	53733	368836	K25S	4	5819	ALTAMONT DR	1290C7
	61		270944	K25S	4	5827	ALTAMONT DR	1290C7
	62		270928	K25S	4	5835	ALTAMONT DR	1290C7
	63		368806	K25S	4	5843	ALTAMONT DR	1290C7
	64		368784	K25S	4	5852	ALTAMONT DR	1290C7
	65		270851	K25S	4	5876	ALTAMONT DR	1290C7
	66	270910	K25S	4	5828	ALTAMONT DR	1290C7	
	67	53732	270907	K25S	4	5851	ALTAMONT DR	1290C7
	68		270894	K25S	4	5861	ALTAMONT DR	1290C7
	69		270888	K25S	4	5871	ALTAMONT DR	1290C7
	70		270880	K25S	4	5881	ALTAMONT DR	1290C7
	71		270839	K25S	4	5888	ALTAMONT DR	1290C7
	72		270851	K25S	4	5876	ALTAMONT DR	1290C7
	73	270857	K25S	4	5864	ALTAMONT DR	1290C7	
	74	53771	368779	K25S	4	5891	ALTAMONT DR	1290C7
	75		270865	K25S	4	5903	ALTAMONT DR	1290C7
	76		368770	K25S	4	5911	ALTAMONT DR	1290C7
	77		270850	L25S	4	5919	ALTAMONT DR	1290D7
	78		270841	L25S	4	5927	ALTAMONT DR	1290D7
	79		270833	L25S	4	5935	ALTAMONT DR	1290D7
	80		368728	L25S	4	5934	ALTAMONT DR	1290D7
81	368730		L25S	4	5926	ALTAMONT DR	1290D7	
82	368739		K25S	4	5918	ALTAMONT DR	1290C7	
83	270822		K25S	4	5910	ALTAMONT DR	1290C7	
84	60800	368748	L25S	4	5943	ALTAMONT DR	1290D7	
85		368705	L25S	4	5948	ALTAMONT DR	1290D7	
86		368717	L25S	4	5942	ALTAMONT DR	1290D7	
87	53735	270794	K25S	4	1969	RIDGEWOOD DR	1290C7	
88		270810	K25S	4	1984	RIDGEWOOD DR	1290C7	
89		270796	K25S	4	1974	RIDGEWOOD DR	1290C7	
90		368688	K25S	4	1964	RIDGEWOOD DR	1290C7	

2	91	53734	368673	K25S	4	1954	RIDGEWOOD DR	1290C7
	92		270734	K25S	4	1944	RIDGEWOOD DR	1290C7
	93		368648	K25S	4	1934	RIDGEWOOD DR	1290C7
	94		368637	K25S	4	1924	RIDGEWOOD DR	1290C7
	95		270662	K25S	4	1914	RIDGEWOOD DR	1290C7
	96		270648	K25S	4	1904	RIDGEWOOD DR	1290C7
	97		368619	K25S	4	1893	RIDGEWOOD DR	1290C7
	98		270672	K25S	4	1905	RIDGEWOOD DR	1290C7
	99		270702	K25S	4	1921	RIDGEWOOD DR	1290C7
	100		270723	K25S	4	1937	RIDGEWOOD DR	1290C7
	101		270756	K25S	4	1953	RIDGEWOOD DR	1290C7
	102	53800	368602	K25S	4	1892	RIDGEWOOD DR	1290C7
	103		368592	K25S	4	1884	RIDGEWOOD DR	1290C7
	104		368585	K25S	4	1876	RIDGEWOOD DR	1290C7
	105		270612	K25S	4	1868	RIDGEWOOD DR	1290C7
	106		368568	K25S	4	1860	RIDGEWOOD DR	1290C7
	107		270624	K25S	4	1863	RIDGEWOOD DR	1290C7
	108		368593	K25S	4	1873	RIDGEWOOD DR	1290C7
	109		270640	K25S	4	1883	RIDGEWOOD DR	1290C7
	110	53730	270604	K25S	4	1853	RIDGEWOOD DR	1290C7
	111	53801	270571	K25S	4	5911	BATAAN CR	1290C7
	112		270539	K25S	4	5907	BATAAN CR	1290C7
	113		270525	K25S	4	5903	BATAAN CR	1290C7
114	53728	368699	K25S	4	1976	ALTAMONT WY	1290C7	
115	53729	368683	K25S	4	1960	ALTAMONT WY	1290C7	
116		270750	K25S	4	1946	ALTAMONT WY	1290C7	
117		270727	K25S	4	1932	ALTAMONT WY	1290C7	
118		270721	K25S	4	1918	ALTAMONT WY	1290C7	
119		270714	K25S	4	1904	ALTAMONT WY	1290C7	
120		378185	L25S	4	1903	ALTAMONT WY	1290C7	
121		378187	L25S	4	1925	ALTAMONT WY	1290D7	
122		378188	L25S	4	1947	ALTAMONT WY	1290D7	
123		270754	K25S	4	1969	ALTAMONT WY	1290C7	



## PIPELINE REHABILITATION AJ-1

**LATERALS SHT 3**  
WBS No.: B-15201

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
3	1	60661	N/A	L25S	N/A	N/A	BATAAN CR	1290D7
	2	60883	368671	L25S	4	5902	BATAAN CR	1290D7
	3	60884	270739	L25S	4	5902	BATAAN CR	1290D7
	4	60654	270755	L25S	4	5902	BATAAN CR	1290D7
	5	5443699	N/A	L25S	N/A	2000	SEA BREEZE DR	1290D7
	6	60747	N/A	L25S	N/A	2000	SEA BREEZE DR	1290D7
	7	60634	270972	L25S	4	2115	SEA BREEZE DR	1290D7
	8		270950	L25S	4	6011	ALLEGHANY ST	1290D7
	9		270941	L25S	4	6017	ALLEGHANY ST	1290D7
	10		368816	L25S	4	6023	ALLEGHANY ST	1290D7
	11	60870	270921	L25S	4	6029	ALLEGHANY ST	1290D7
	12		368800	L25S	4	6035	ALLEGHANY ST	1290D7
	13		270908	L25S	4	6041	ALLEGHANY ST	1290D7
	14		270900	L25S	4	6047	ALLEGHANY ST	1290D7
	15		270892	L25S	4	6053	ALLEGHANY ST	1290D7
	16		270882	L25S	4	6059	ALLEGHANY ST	1290D7
	17	60866	270871	L25S	4	6065	ALLEGHANY ST	1290D7
	18		270860	L25S	4	6071	ALLEGHANY ST	1290D7
	19		270852	L25S	4	6077	ALLEGHANY ST	1290D7
	20		270838	L25S	4	6105	ALLEGHANY ST	1290D7
	21		270831	L25S	4	6115	ALLEGHANY ST	1290D7
	22		270821	L25S	4	6123	ALLEGHANY ST	1290D7

3	23	60865	N/A	L25S	N/A	N/A	ALLEGHANY ST	1290D7
	24	60855	270791	L25S	4	2110	VALNER CT	1290D7
	25	60873	368720	L25S	4	2105	CALLE SERENA	1290D7
	26		270814	L25S	4	2115	CALLE SERENA	1290D7
	27		270845	L25S	4	2125	CALLE SERENA	1290D7
	28		270878	L25S	4	2135	CALLE SERENA	1290D7
	29		368732	L25S	4	2106	CALLE SERENA	1290D7
	30		368763	K25S	4	2116	CALLE SERENA	1290C7
	31	5443698	N/A	L25S	N/A	2000	SEA BREEZE DR	1290D7

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 4**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
4	1	53848	370044	K26S	4	2626	HOPKINS ST	1310D2
	2		272552	K26S	4	2610	HOPKINS ST	1310D2
	3		272567	K26S	4	2611	HOPKINS ST	1310D2
	4		370014	K26S	4	2601	HOPKINS ST	1310D2
	5	35856	369994	K26S	4	2596	HOPKINS ST	1310D2
	6		272494	K26S	4	2568	HOPKINS ST	1310D2
	7		272475	K26S	4	2565	HOPKINS ST	1310D2
	8		369977	K26S	4	2575	HOPKINS ST	1310D2
	9		369990	K26S	4	2589	HOPKINS ST	1310D2
	10		370001	K26S	4	2595	HOPKINS ST	1310D2
	11	53857	370006	K26S	4	5572	BLUERIDGE ST	1310C2
	12		272547	K26S	4	5566	BLUERIDGE ST	1310C2
	13		272554	K26S	4	5553	BLUERIDGE ST	1310C2
	14		370029	K26S	4	5563	BLUERIDGE ST	1310C2
	15		370026	K26S	4	5573	BLUERIDGE ST	1310C2
	16	5494600	5494601	K26S	4	5560	BLUERIDGE ST	1310C2
	17	53852	272550	K26S	4	5550	BLUERIDGE ST	1310C2
	18		370010	K26S	4	5540	BLUERIDGE ST	1310C2
	19		370012	K26S	4	5530	BLUERIDGE ST	1310C2
	20		272569	K26S	4	5533	BLUERIDGE ST	1310C2
	21		370033	K26S	4	5521	BLUERIDGE ST	1310C2

4	22	53851	370015	K26S	4	5520	BLUERIDGE ST	1310C2
	23		272553	K26S	4	5510	BLUERIDGE ST	1310C2
	24	53808	370040	K26S	4	5515	BLUERIDGE ST	1310C2
	25		370053	K26S	4	5503	BLUERIDGE ST	1310C2
	26		370069	K26S	4	5502	CHATTANOOGA ST	1310C2
	27		370073	K26S	4	5506	CHATTANOOGA ST	1310C2
	28		53866	370090	K26S	4	5506	CHATTANOOGA ST
	29	272637		K26S	4	5512	CHATTANOOGA ST	1310C2
	30	272635		K26S	4	5532	CHATTANOOGA ST	1310C2
	31	370105		K26S	4	5531	CHATTANOOGA ST	1310C2
	32	272664		K26S	4	5521	CHATTANOOGA ST	1310C2
	33	370107		K26S	4	5511	CHATTANOOGA ST	1310C2
	34	272669		K26S	4	5501	CHATTANOOGA ST	1310C2
	35	53807		370083	K26S	4	5542	CHATTANOOGA ST
	36		53850	272630	K26S	4	5552	CHATTANOOGA ST
	37	272629		K26S	4	5562	CHATTANOOGA ST	1310D2
	38	378803		L26S	4	5572	CHATTANOOGA ST	1310D2
	39	272654		L26S	4	5581	CHATTANOOGA ST	1310D2
	40	272655		L26S	4	5571	CHATTANOOGA ST	1310D2
	41	370100		K26S	4	5561	CHATTANOOGA ST	1310D2
42	272660	K26S		4	5551	CHATTANOOGA ST	1310D2	
43	61029	272627	L26S	4	2661	HOPKINS ST	1310D2	
44		272643	L26S	4	2701	HOPKINS ST	1310D2	
45		370104	L26S	4	2711	HOPKINS ST	1310D2	
46		370114	L26S	4	2721	HOPKINS ST	1310D2	
47		272646	L26S	4	5591	HOPKINS ST	1310D2	

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 5**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
5	1	61228	272917	L26S	4	5680	CALLE SAL SI PUEDES	1310D2
	2		272921	L26S	4	5674	CALLE SAL SI PUEDES	1310D3
	3		272923	L26S	4	5666	CALLE SAL SI PUEDES	1310D3
	4		370317	L26S	4	5658	CALLE SAL SI PUEDES	1310D3
	5		378199	L26S	4	5659	CALLE SAL SI PUEDES	1310D3
	6		378805	L26S	4	5667	CALLE SAL SI PUEDES	1310D3
	7	61227	272930	L26S	4	5650	CALLE SAL SI PUEDES	1310D3
	8		370318	L26S	4	5642	CALLE SAL SI PUEDES	1310D3
	9		272935	L26S	4	5634	CALLE SAL SI PUEDES	1310D3
	10		272936	L26S	4	5626	CALLE SAL SI PUEDES	1310D3
	11		272937	L26S	4	5618	CALLE SAL SI PUEDES	1310D3
	12		272931	L26S	4	5625	CALLE SAL SI PUEDES	1310D3
	13		378806	L26S	4	5651	CALLE SAL SI PUEDES	1310D3
	14	61261	272938	L26S	4	5610	CALLE SAL SI PUEDES	1310D3
	15		370319	L26S	4	5602	CALLE SAL SI PUEDES	1310D3
	16		272934	L26S	4	5601	CALLE SAL SI PUEDES	1310D3
	17		272933	L26S	4	5609	CALLE SAL SI PUEDES	1310D3
	18		272932	L26S	4	5617	CALLE SAL SI PUEDES	1310D3
	19	61258	N/A	L27S	N/A	N/A	REO DR	1310D3

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 6**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
6	1	61070	272705	L26S	4	2906	DARDANIA DR	1310 E2
	2		272724	L26S	4	2916	DARDANIA DR	1310 E2
	3		370147	L26S	4	2926	DARDANIA DR	1310 E2
	4		370158	L26S	4	2936	DARDANIA DR	1310 E2
	5	61069	370167	L26S	4	2946	DARDANIA DR	1310 E2
	6		370173	L26S	4	2956	DARDANIA DR	1310 E2
	7		370183	L26S	4	2966	DARDANIA DR	1310 E2
	8		370191	L26S	4	2976	DARDANIA DR	1310 E2
	9		272790	L26S	4	2986	DARDANIA DR	1310 E2
	10		272799	L26S	4	2996	DARDANIA DR	1310 E2
	11		6269331	L26S	4	6020	DARDANIA DR	1310 E2
	12	61067	272831	L26S	4	3022	DARDANIA DR	1310 E2
	13		272838	L26S	4	3034	DARDANIA DR	1310 E2
	14		370239	L26S	4	3046	DARDANIA DR	1310 E2
	15		370245	L26S	4	3058	DARDANIA DR	1310 E2
	16		370253	L26S	4	3070	DARDANIA DR	1310 E2
	17		272871	L26S	4	3071	DARDANIA DR	1310 E2
	18		272860	L26S	4	3061	DARDANIA DR	1310 E2
	19		272848	L26S	4	3051	DARDANIA DR	1310 E2
	20		272841	L26S	4	3041	DARDANIA DR	1310 E2
	21		370221	L26S	4	3031	DARDANIA DR	1310 E2
	22		370216	L26S	4	3021	DARDANIA DR	1310 E2

6	23	61101	370264	L26S	4	3082	DARDANIA DR	1310 E2
	24		370279	L26S	4	3094	DARDANIA DR	1310 E2
	25		272891	L26S	4	6106	PARKSIDE AV	1310 E2
	26		272874	L26S	4	3081	DARDANIA DR	1310 E2
	27	61103	272779	L26S	4	3012	MINOA WY	1310 E2
	28		280799	L26S	4	3020	MINOA WY	1310 E2
	29		272798	L26S	4	3028	MINOA WY	1310 E2
	30		272810	L26S	4	3036	MINOA WY	1310 E2
	31		370208	L26S	4	3037	MINOA WY	1310 E2
	32		272793	L26S	4	3027	MINOA WY	1310 E2
	33		272781	L26S	4	3017	MINOA WY	1310 E2
	34		370188	L26S	4	3007	MINOA WY	1310 E2
	35	61112	280801	L26S	4	3044	MINOA WY	1310 E2
	36		272834	L26S	4	3052	MINOA WY	1310 E2
	37		272843	L26S	4	3060	MINOA WY	1310 E2
	38		370242	L26S	4	3070	MINOA WY	1310 E2
	39		370251	L26S	4	3080	MINOA WY	1310 E2
	40		370266	L26S	4	6140	PARKSIDE AV	1310 E2
	41		370259	L26S	4	6150	PARKSIDE AV	1310 E2
	42		272863	L26S	4	3080	MINOA WY	1310 E2
	43		370241	L26S	4	3077	MINOA WY	1310 E2
	44		370229	L26S	4	3067	MINOA WY	1310 E2
	45		370210	L26S	4	3057	MINOA WY	1310 E2
	46		272818	L26S	4	3047	MINOA WY	1310 E2
	47	60983	N/A	L26S	N/A	N/A	MINOA WY	1310 E2

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 7**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
7	1	61064	272640	L26S	4	2904	DEMETER WY	1310 E2
	2		370099	L26S	4	2912	DEMETER WY	1310 E2
	3		370112	L26S	4	2920	DEMETER WY	1310 E2
	4		272691	L26S	4	2928	DEMETER WY	1310 E2
	5		272710	L26S	4	2936	DEMETER WY	1310 E2
	6		370117	L26S	4	2933	DEMETER WY	1310 E2
	7		370109	L26S	4	2925	DEMETER WY	1310 E2
	8		370098	L26S	4	2917	DEMETER WY	1310 E2
	9		370085	L26S	4	2909	DEMETER WY	1310 E2
	10	61066	272727	L26S	4	2944	DEMETER WY	1310 E2
	11		272736	L26S	4	2952	DEMETER WY	1310 E2
	12		272746	L26S	4	2960	DEMETER WY	1310 E2
	13		272751	L26S	4	2970	DEMETER WY	1310 E2
	14		370171	L26S	4	2986	DEMETER WY	1310 E2
	15		370168	L26S	4	2987	DEMETER WY	1310 E2
	16		370161	L26S	4	2979	DEMETER WY	1310 E2
	17		370152	L26S	4	2971	DEMETER WY	1310 E2
	18		370142	L26S	4	2963	DEMETER WY	1310 E2
	19		370133	L26S	4	2953	DEMETER WY	1310 E2
	20		272706	L26S	4	2943	DEMETER WY	1310 E2

7	21	61062	N/A	L26S	N/A	N/A	ARTEMIA WY	1310 E2
	22	61111	370180	L26S	4	3014	ARTEMIA WY	1310 E2
	23		272775	L26S	4	3022	ARTEMIA WY	1310 E2
	24		272782	L26S	4	3030	ARTEMIA WY	1310 E2
	25		370199	L26S	4	3038	ARTEMIA WY	1310 E2
	26		370206	L26S	4	3046	ARTEMIA WY	1310 E2
	27		370215	L26S	4	3054	ARTEMIA WY	1310 E2
	28		272827	L26S	4	3062	ARTEMIA WY	1310 E2
	29		272826	L26S	4	3067	ARTEMIA WY	1310 E2
	30		272814	L26S	4	3057	ARTEMIA WY	1310 E2
	31		272800	L26S	4	3047	ARTEMIA WY	1310 E2
	32		370196	L26S	4	3037	ARTEMIA WY	1310 E2
	33		272778	L26S	4	3027	ARTEMIA WY	1310 E2
	34		272773	L26S	4	3017	ARTEMIA WY	1310 E2
	35		272765	L26S	4	3007	ARTEMIA WY	1310 E2
	36		61109	370231	L26S	4	3070	ARTEMIA WY
	37	272850		L26S	4	3082	ARTEMIA WY	1310 E2
	38	272866		L26S	4	6160	ARTEMIA WY	1310 E2
	39	370246		L26S	4	6170	ARTEMIA WY	1310 E2
	40	272847		L26S	4	3087	ARTEMIA WY	1310 E2
	41	272836		L26S	4	3077	ARTEMIA WY	1310 E2
	42	61060	N/A	L26S	N/A	N/A	N/A	1310 E2
	43	61065	N/A	L26S	N/A	N/A	N/A	1310 E2
	44	61084	N/A	L26S	N/A	N/A	N/A	1310 E2
	45	61082	272717	L26S	4	2968	PETTIGO DR	1310 E2
	46		280798	L26S	4	2984	PETTIGO DR	1310 E2
	47		370141	L26S	4	2995	PETTIGO DR	1310 E2
	48		272722	L26S	4	2985	PETTIGO DR	1310 E2
	49		370125	L26S	4	2975	PETTIGO DR	1310 E2
	50		370119	L26S	4	2957	PETTIGO DR	1310 E2

7	51	61086	272644	L26S	4	2926	PETTIGO DR	1310 E2
	52		272661	L26S	4	2932	PETTIGO DR	1310 E2
	53		272674	L26S	4	2938	PETTIGO DR	1310 E2
	54		370116	L26S	4	2940	PETTIGO DR	1310 E2
	55		272695	L26S	4	2958	PETTIGO DR	1310 E2
	56		272680	L26S	4	2949	PETTIGO DR	1310 E2
	57		272665	L26S	4	2941	PETTIGO DR	1310 E2
	58		370097	L26S	4	2933	PETTIGO DR	1310 E2
	59		370087	L26S	4	2925	PETTIGO DR	1310 E2
	60	61083	370148	L26S	4	2970	ARES WY	1310 E2
	61		272749	L26S	4	2980	ARES WY	1310 E2
	62		272741	L26S	4	2987	ARES WY	1310 E2
	63		272735	L26S	4	2979	ARES WY	1310 E2
	64		272721	L26S	4	2971	ARES WY	1310 E2
	65	61081	370118	L26S	4	2936	ARES WY	1310 E2
	66		370123	L26S	4	2944	ARES WY	1310 E2
	67		272716	L26S	4	2952	ARES WY	1310 E2
	68		272728	L26S	4	2960	ARES WY	1310 E2
	69		272708	L26S	4	2963	ARES WY	1310 E2
	70		272694	L26S	4	2953	ARES WY	1310 E2
	71		272686	L26S	4	2943	ARES WY	1310 E2
	72		370108	L26S	4	2933	ARES WY	1310 E2
	73	61063	272616	L26S	4	2904	ARES WY	1310 E2
	74		272633	L26S	4	2912	ARES WY	1310 E2
	75		280797	L26S	4	2920	ARES WY	1310 E2
	76		272668	L26S	4	2928	ARES WY	1310 E2
	77		272641	L26S	4	2925	ARES WY	1310 E2
	78		272622	L26S	4	2917	ARES WY	1310 E2
	79		370076	L26S	4	2909	ARES WY	1310 E2

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 8**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
8	1	61146	272326	L26S	4	2782	RHOADES RD	1310 E2
	2		272311	L26S	4	2779	RHOADES RD	1310 E2
	3	61162	369858	L26S	4	2790	RHOADES RD	1310 E2
	4		369876	L26S	4	2796	RHOADES RD	1310 E2
	5		369892	L26S	4	2802	RHOADES RD	1310 E2
	6		272404	L26S	4	2810	RHOADES RD	1310 E2
	7		369913	L26S	4	2817	RHOADES RD	1310 E2
	8		272383	L26S	4	2809	RHOADES RD	1310 E2
	9		369878	L26S	4	2801	RHOADES RD	1310 E2
	10		272346	L26S	4	2795	RHOADES RD	1310 E2
	11		272328	L26S	4	2785	RHOADES RD	1310 E2
	12	61163	369928	L26S	4	2818	RHOADES RD	1310 E2
	13		272460	L26S	4	2826	RHOADES RD	1310 E2
	14		369962	L26S	4	2836	RHOADES RD	1310 E2
	15		369961	L26S	4	2841	RHOADES RD	1310 E2
	16		369940	L26S	4	2833	RHOADES RD	1310 E2
	17		272425	L26S	4	2825	RHOADES RD	1310 E2
	18	61165	272499	L26S	4	2846	RHOADES RD	1310 E2
	19		272515	L26S	4	2854	RHOADES RD	1310 E2
	20		369987	L26S	4	2857	RHOADES RD	1310 E2
	21		272492	L26S	4	2849	RHOADES RD	1310 E2

8	22	61087	272533	L26S	4	2862	RHOADES RD	1310 E2
	23		370028	L26S	4	2876	RHOADES RD	1310 E2
	24		370041	L26S	4	2884	RHOADES RD	1310 E2
	25		370050	L26S	4	6364	PARKSIDE AV	1310 E2
	26		272564	L26S	4	2883	RHOADES RD	1310 E2
	27		369999	L26S	4	2865	RHOADES RD	1310 E2
	28	60978	369801	L26S	4	6360	BEATRICE CT	1310 E2
	29		272290	L26S	4	6351	BEATRICE CT	1310 E2
	30		272313	L26S	4	6361	BEATRICE CT	1310 E2
	31	61147	272264	L26S	4	6370	BEATRICE CT	1310 E1
	32		369780	L26S	4	2791	BEATRICE ST	1310 E1
	33		272246	L26S	4	2781	BEATRICE ST	1310 E1
	34	61149	272310	L26S	4	2802	BEATRICE ST	1310 E2
	35		272337	L26S	4	2810	BEATRICE ST	1310 E2
	36		272359	L26S	4	2818	BEATRICE ST	1310 E2
	37		369867	L26S	4	2825	BEATRICE ST	1310 E2
	38		369843	L26S	4	2817	BEATRICE ST	1310 E2
	39		369825	L26S	4	2809	BEATRICE ST	1310 E2
	40		272284	L26S	4	2801	BEATRICE ST	1310 E2
	41	61148	369886	L26S	4	2826	BEATRICE ST	1310 E2
	42		272387	L26S	4	2834	BEATRICE ST	1310 E2
	43		272421	L26S	4	2842	BEATRICE ST	1310 E2
	44		272448	L26S	4	2850	BEATRICE ST	1310 E2
	45		369925	L26S	4	2849	BEATRICE ST	1310 E2
	46		369908	L26S	4	2841	BEATRICE ST	1310 E2
	47		369890	L26S	4	2833	BEATRICE ST	1310 E2
	48	61143	272476	L26S	4	2858	BEATRICE ST	1310 E2
	49		272490	L26S	4	2866	BEATRICE ST	1310 E2
	50	61145	369985	L26S	4	2874	BEATRICE ST	1310 E2
	51		272527	L26S	4	2882	BEATRICE ST	1310 E2
	52		370000	L26S	4	6394	PARKSIDE AV	1310 F2
	53		272523	L26S	4	2887	BEATRICE ST	1310 F2

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 9**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
9	1	60972	N/A	L26S	N/A	6400	GARBER AV	1310 E2
	2	61033	272632	L26S	4	6405	GARBER AV	1310 E2
	3		272642	L26S	4	6417	GARBER AV	1310 F2
	4		272647	L26S	4	6431	GARBER AV	1310 F2
	5		378198	L26S	4	6402	GARBER AV	1310 F2
	6	61042	370078	L26S	4	6410	GARBER AV	1310 F2
	7	61041	272613	L26S	4	6418	GARBER AV	1310 F2
	8		272607	L26S	4	6426	GARBER AV	1310 F2
	9		370068	L26S	4	6434	GARBER AV	1310 F2
	10	61040	272598	L26S	4	6442	GARBER AV	1310 F2
	11	61022	272592	L26S	4	6450	GARBER AV	1310 F2
	12		272586	L26S	4	6460	GARBER AV	1310 F2
	13		272581	L26S	4	6470	GARBER AV	1310 F2
	14	61023	370036	L26S	4	6480	GARBER AV	1310 F2
	15		5638055	L26S	4	6490	GARBER AV	1310 F2
	16	61043	272653	L26S	4	3009	ANALIESE WY	1310 F2
	17		272634	L26S	4	3003	ANALIESE WY	1310 F2

9	18	61044	272649	L26S	4	3004	ANALIESE WY	1310 F2
	19		272673	L26S	4	3010	ANALIESE WY	1310 F2
	20		272690	L26S	4	3016	ANALIESE WY	1310 F2
	21		370130	L26S	4	3022	ANALIESE WY	1310 F2
	22		272726	L26S	4	3028	ANALIESE WY	1310 F2
	23		272723	L26S	4	3033	ANALIESE WY	1310 F2
	24		370129	L26S	4	3027	ANALIESE WY	1310 F2
	25		370121	L26S	4	3021	ANALIESE WY	1310 F2
	26	272676	L26S	4	3015	ANALIESE WY	1310 F2	
	27	61039	272738	L26S	4	3034	ANALIESE WY	1310 F2
	28		370160	L26S	4	3040	ANALIESE WY	1310 F2
	29		272754	L26S	4	3046	ANALIESE WY	1310 F2
	30		272745	L26S	4	3041	ANALIESE WY	1310 F2
	31	61038	272620	L26S	4	3006	PLATO DR	1310 F2
	32		272639	L26S	4	3012	PLATO DR	1310 F2
	33		272658	L26S	4	3018	PLATO DR	1310 F2
	34		272681	L26S	4	3033	PLATO DR	1310 F2
	35		370106	L26S	4	3025	PLATO DR	1310 F2
	36		370092	L26S	4	3017	PLATO DR	1310 F2
	37		272626	L26S	4	3009	PLATO DR	1310 F2
	38		272612	L26S	4	3003	PLATO DR	1310 F2
	39	61025	272600	L26S	4	3006	OVAL DR	1310 F2
	40		272609	L26S	4	3012	OVAL DR	1310 F2
	41		370079	L26S	4	3018	OVAL DR	1310 F2
	42		272645	L26S	4	3022	OVAL DR	1310 F2
	43		272619	L26S	4	3027	OVAL DR	1310 F2
	44		272603	L26S	4	3015	OVAL DR	1310 F2
	45		370058	L26S	4	3003	OVAL DR	1310 F2

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 10**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
10	1	61151	272260	L26S	4	2802	KEEN DR	1310 F1
	2		272223	L26S	4	6430	HUTTON AV	1310 F1
	3		272237	L26S	4	6420	HUTTON AV	1310 F1
	4		369774	L26S	4	6410	HUTTON AV	1310 F1
	5		272259	L26S	4	6402	HUTTON AV	1310 E1
	6	61156	369793	L26S	4	2804	ROCKNE ST	1310 E1
	7		369811	L26S	4	2814	ROCKNE ST	1310 E2
	8		272318	L26S	4	2824	ROCKNE ST	1310 E2
	9		272341	L26S	4	2834	ROCKNE ST	1310 E2
	10		272365	L26S	4	2844	ROCKNE ST	1310 E2
	11		272368	L26S	4	2853	ROCKNE ST	1310 F2
	12		272350	L26S	4	2841	ROCKNE ST	1310 F2
	13		369830	L26S	4	2829	ROCKNE ST	1310 F2
	14		369815	L26S	4	2817	ROCKNE ST	1310 F2
	15		369791	L26S	4	2805	ROCKNE ST	1310 F1
	16	61155	272379	L26S	4	2854	ROCKNE ST	1310 F2
	17		272394	L26S	4	2864	ROCKNE ST	1310 F2
	18		369934	L26S	4	2874	ROCKNE ST	1310 F2
	19		272431	L26S	4	2883	ROCKNE ST	1310 F2
	20		272407	L26S	4	2873	ROCKNE ST	1310 F2
	21		369900	L26S	4	2863	ROCKNE ST	1310 F2

10	22	61150	272471	L26S	4	6435	LOCKFORD AV	1310 F2
	23		272463	L26S	4	6445	LOCKFORD AV	1310 F2
	24		272458	L26S	4	6455	LOCKFORD AV	1310 F2
	25	61153	272282	L26S	4	2812	KEEN DR	1310 F2
	26		272305	L26S	4	2822	KEEN DR	1310 F2
	27		369808	L26S	4	2819	KEEN DR	1310 F2
	28		369779	L26S	4	2809	KEEN DR	1310 F1
	29		272252	L26S	4	2801	KEEN DR	1310 F1
	30	61152	369841	L26S	4	2830	KEEN DR	1310 F2
	31		272354	L26S	4	2838	KEEN DR	1310 F2
	32		369880	L26S	4	2846	KEEN DR	1310 F2
	33		369894	L26S	4	2854	KEEN DR	1310 F2
	34		272396	L26S	4	2859	KEEN DR	1310 F2
	35		369881	L26S	4	2851	KEEN DR	1310 F2
	36		272351	L26S	4	2843	KEEN DR	1310 F2
	37		369842	L26S	4	2835	KEEN DR	1310 F2
	38	272302	L26S	4	2827	KEEN DR	1310 F2	
	39	61215	369916	L26S	4	2862	KEEN DR	1310 F2
	40		272459	L26S	4	2883	KEEN DR	1310 F2
	41		272433	L26S	4	2875	KEEN DR	1310 F2
42	369919		L26S	4	2867	KEEN DR	1310 F2	
43	61144	272469	L26S	4	6404	LOCKFORD AV	131032	
44		272465	L26S	4	6414	LOCKFORD AV	1310F2	
45		369974	L26S	4	2877	LOCKFORD AV	1310F2	
46		272485	L26S	4	6415	LOCKFORD AV	1310F2	
47		369967	L26S	4	6425	LOCKFORD AV	1310F2	

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 11**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
11	1	64453	272483	M26S	4	6625	HEDGES WY	1310 F2
	2	64477	272372	M26S	4	6620	GARBER AV	1310 F2
	3		272386	M26S	4	6606	GARBER AV	1310 F2
	4		369895	M26S	4	6609	GARBER AV	1310 F2
	5		369877	M26S	4	6625	GARBER AV	1310 F2
	6		64488	272285	M26S	4	6690	GARBER AV
	7	272304		M26S	4	6676	GARBER AV	1310 F2
	8	272312		M26S	4	6662	GARBER AV	1310 F2
	9	369849		M26S	4	6648	GARBER AV	1310 F2
	10	272362		M26S	4	6634	GARBER AV	1310 F2
	11	272352		M26S	4	6641	GARBER AV	1310 F2
	12	369845		M26S	4	6657	GARBER AV	1310 F2
	13	272317		M26S	4	6673	GARBER AV	1310 F2
	14	272297		M26S	4	6689	GARBER AV	1310 F2
	15	64462	272228	M26S	4	6718	GARBER AV	1310 F1
	16		369789	M26S	4	6706	GARBER AV	1310 F1
	17		272275	M26S	4	6707	GARBER AV	1310 F1
	18		369778	M26S	4	6717	GARBER AV	1310 F1
	19	64463	369739	M26S	4	6740	GARBER AV	1310 F1
	20		272207	M26S	4	6730	GARBER AV	1310 F1
	21		272222	M26S	4	6727	GARBER AV	1310 F1
	22		369743	M26S	4	6737	GARBER AV	1310 F1

11	23	64470	272161	M26S	4	6750	GARBER AV	1310 F1
	24		272149	M26S	4	6760	GARBER AV	1310 F1
	25		272134	M26S	4	6770	GARBER AV	1310 F1
	26		272123	M26S	4	6780	GARBER AV	1310 F1
	27		369699	M26S	4	6767	GARBER AV	1310 F1
	28		369707	M26S	4	6757	GARBER AV	1310 F1
	29		369722	M26S	4		GARBER AV	1310 F1
	30	64471	272164	M26S	4	2832	ALLEW WY	1310 F1
	31	64473	272129	M26S	4	2830	ALLEW WY	1310 F1
	32		369642	M26S	4	2820	ALLEW WY	1310 F1
	33		272080	M26S	4	2812	ALLEW WY	1310 F1
	34		272076	M26S	4	2802	ALLEW WY	1310 F1
	35		272075	M26S	4	2815	ALLEW WY	1310 F1
	36		369646	M26S	4	2825	ALLEW WY	1310 F1
	37		369658	M26S	4	2835	ALLEW WY	1310 F1
	38		369678	M26S	4	2845	ALLEW WY	1310 F1
	39	64486	272382	M26S	4	2906	MORTON WY	1310 F2
	40		272397	M26S	4	2912	MORTON WY	1310 F2
	41		272423	M26S	4	2918	MORTON WY	1310 F2
	42		272439	M26S	4	2922	MORTON WY	1310 F2
43	272436		M26S	4	2928	MORTON WY	1310 F2	
44	272414		M26S	4	2933	MORTON WY	1310 F2	
45	272405		M26S	4	2927	MORTON WY	1310 F2	
46	369909		M26S	4	2921	MORTON WY	1310 F2	
47	369896		M26S	4	2915	MORTON WY	1310 F2	
48	369883		M26S	4	2909	MORTON WY	1310 F2	

**PIPELINE REHABILITATION AJ-1**

LATERALS SHT 12

WBS No.: B-15201

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
12	1	64502	272055	M26S	4	2710	PARTHENON DR	1310 F1
	2		369627	M26S	4	2730	PARTHENON DR	1310 F1
	3		369639	M26S	4	2750	PARTHENON DR	1310 F1
	4		272098	M26S	4	2770	PARTHENON DR	1310 F1
	5		369684	M26S	4	2777	PARTHENON DR	1310 F1
	6		369674	M26S	4	2761	PARTHENON DR	1310 F1
	7		369651	M26S	4	2745	PARTHENON DR	1310 F1
	8		369644	M26S	4	2729	PARTHENON DR	1310 F1
	9		272070	M26S	4	2711	PARTHENON DR	1310 F1
	10	64460	N/A	M26S	N/A	N/A	N/A	1310 F1
	11	64507	N/A	M26S	N/A	6700	PARKSIDE AV	1310 F1
	12	64504	369753	M26S	4	2779	SYLVY WY	1310 F1
	13		369705	M26S	4	2758	SYLVY WY	1310 F1
	14		272143	M26S	4	2742	SYLVY WY	1310 F1
	15		272128	M26S	4	2726	SYLVY WY	1310 F1
	16		272101	M26S	4	2710	SYLVY WY	1310 F1
	17		272122	M26S	4	2711	SYLVY WY	1310 F1
	18		369687	M26S	4	2727	SYLVY WY	1310 F1
	19		369703	M26S	4	2743	SYLVY WY	1310 F1
	20		369714	M26S	4	2759	SYLVY WY	1310 F1
	21		369731	M26S	4	2769	SYLVY WY	1310 F1
	22		369753	M26S	4	2779	SYLVY WY	1310 F1

12	23	64467	369527	M26S	4	2710	ARISTOTLE DR	1310 F1
	24		369540	M26S	4	2726	ARISTOTLE DR	1310 F1
	25		369547	M26S	4	2742	ARISTOTLE DR	1310 F1
	26		271959	M26S	4	2758	ARISTOTLE DR	1310 F1
	27		271961	M26S	4	2774	ARISTOTLE DR	1310 F1
	28		271985	M26S	4	2783	ARISTOTLE DR	1310 F1
	29		271974	M26S	4	2767	ARISTOTLE DR	1310 F1
	30		271965	M26S	4	2747	ARISTOTLE DR	1310 F1
	31		271954	M26S	4	2727	ARISTOTLE DR	1310 F1
	32	64469	369548	M26S	4	2707	ARISTOTLE DR	1310 F1
	33	64466	N/A	M26S	N/A	N/A	OMEGA DR	1310 F1
	34	64498	N/A	M26S	N/A	N/A	OMEGA DR	1310 F1
	35	64503	272043	M26S	4	6830	PARKSIDE AV	1310 F1
	36	64499	272065	M26S	4	6830	PARKSIDE AV	1310 F1
37	64500	N/A	M26S	N/A	N/A	PARKSIDE AV	1310 F1	
38	64491	N/A	M26S	N/A	N/A	PARKSIDE AV	1310 F1	
39	64505	N/A	M26S	N/A	N/A	PARKSIDE AV	1310 F1	
40	64457	N/A	M26S	N/A	N/A	PARTHENON DR	1310 F1	

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 13**

WBS No.: B-15201

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
13	1	64495	271698	M25S	4	6830	PARKSIDE AV	1310 F1
	2		271710	M25S	4	6830	PARKSIDE AV	1310 F1
	3		271727	M25S	4	6830	PARKSIDE AV	1310 F1
	4		369415	M25S	4	6830	PARKSIDE AV	1310 F1
	5		271784	M25S	4	2680	ALTA VIEW DR	1310 F1
	6		271775	M25S	4	6810	CAMPBOR LN	1310 F1
	7		369420	M25S	4	6810	CAMPBOR LN	1310 F1
	8		271735	M25S	4	6810	CAMPBOR LN	1310 F1
	9		271716	M25S	4	6810	CAMPBOR LN	1310 F1
	10	64510	N/A	M25S	N/A	N/A	PINECONE LN	1310 F1
	11	64497	N/A	M25S	N/A	N/A	PINECONE LN	1310 F1
	12	64493	N/A	M25S	N/A	N/A	PINECONE LN	1310 F1
	13	64455	N/A	M25S	N/A	N/A	PINECONE LN	1310 F1
	14	64451	N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	15		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	16		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	17	64492	N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	18		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	19		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	20		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	21		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1
	22		N/A	M25S	N/A	N/A	CAMPBOR LN	1310 F1

13	23	64490	N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	24		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	25		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	26		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	27		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	28		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	29		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	30		N/A	M25S	N/A	N/A	CAMPHOR LN	1310 F1
	31	64496	271818	M26S	4	6810	CAMPHOR LN	1310 F1
	32	64126	271751	M25S	4	6810	CAMPHOR LN	1310 F1
	33		271759	M25S	4	6810	CAMPHOR LN	1310 F1
	34		369436	M25S	4	6810	CAMPHOR LN	1310 F1
	35		271781	M25S	4	6810	CAMPHOR LN	1310 F1
	36		369417	M25S	4	6830	PARKSIDE AV	1310 F1
	37		271741	M25S	4	6830	PARKSIDE AV	1310 F1
	38		369395	M25S	4	6830	PARKSIDE AV	1310 F1
	39	64198	369384	M25S	4	6830	PARKSIDE AV	1310 F1
	40		271700	M25S	4	6830	PARKSIDE AV	1310 F1
	41		271688	M25S	4	6830	PARKSIDE AV	1310 F1
	42		369366	M25S	4	6830	PARKSIDE AV	1310 F1
	43		369355	M25S	4	6830	PARKSIDE AV	1310 F1
	44		271659	M25S	4	6830	PARKSIDE AV	1310 F1

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 14**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
14	1	60810	369078	L25S	8	2355	DUSK DR	1310 F1
	2	60814	369247	L25S	4	6481	VIEWPOINT DR	1310 E1
	3		369251	L25S	4	6487	VIEWPOINT DR	1310 E1
	4		369260	L25S	4	6495	VIEWPOINT DR	1310 E1
	5		271491	L25S	4	6482	VIEWPOINT DR	1310 E1
	6	60776	271503	L25S	4	2574	KEEN DR	1310 E1
	7		369212	L25S	4	2558	KEEN DR	1310 E1
	8		271474	L25S	4	2542	KEEN DR	1310 F1
	9		271459	L25S	4	2526	KEEN DR	1310 F1
	10		271448	L25S	4	2510	KEEN DR	1310 F1
	11	60790	N/A	L25S	N/A	N/A	KEEN DR	1310 F1
	12	60793	N/A	L25S	N/A	N/A	DUSK DR	1310 F1

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 15**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
15	1	60675	270653	L25S	4	2149	DUSK DR	1290 E7
	2		368628	L25S	4	2155	DUSK DR	1290 E7
	3		270699	L25S	4	2169	DUSK DR	1290 E7
	4		368655	L25S	4	2179	DUSK DR	1290 E7
	5	60676	270745	L25S	4	2189	DUSK DR	1290 E7
	6		368685	L25S	4	2221	DUSK DR	1290 E7
	7		368711	L25S	4	2235	DUSK DR	1290 E7
	8		368716	L25S	4	2238	DUSK DR	1290 E7
	9		368693	L25S	4	2224	DUSK DR	1290 E7
	10		N/A	L25S	N/A	2466	DUSK DR	1290 E7
	11	60630	270818	L25S	4	2249	DUSK DR	1290 E7
	12		368764	L25S	4	2267	DUSK DR	1290 E7
	13		270877	L25S	4	2281	DUSK DR	1290 E7
	14		368797	L25S	4	2295	DUSK DR	1290 E7
	15		270876	L25S	4	2274	DUSK DR	1290 E7
	16		368762	L25S	4	2266	DUSK DR	1290 E7

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 16**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
16	1	64407	N/A	M25S	N/A	N/A	TOOMA ST	1290 G7
	2	64427	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	3	64431	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	4	64429	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	5	64239	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	6	64091	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	7	64093	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	8	64063	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	9	64065	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	10	64079	N/A	M25S	N/A	N/A	APPAN DR	1290 G7
	11	64081	N/A	M25S	N/A	N/A	APPAN DR	1290 G7
	12	64082	N/A	M25S	N/A	N/A	APPAN DR	1290 G7
	13	64069	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	14	64158	N/A	M25S	N/A	N/A	CASEY ST	1290 G7
	15	64159	N/A	M25S	N/A	N/A	CASEY ST	1290 G7

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 17**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
17	1	64380	270548	M25S	4	6910	ALSACIA ST	1290 F7
	2		270538	M25S	4	6920	ALSACIA ST	1290 F7
	3		368525	M25S	4	6930	ALSACIA ST	1290 F7
	4	64377	N/A	M25S	N/A	N/A	ALSACIA ST	1290 G7
	5	64346	N/A	M25S	N/A	N/A	ALSACIA ST	1290 G7
	6	64345	N/A	M25S	N/A	N/A	ALSACIA ST	1290 G7
	7	64344	N/A	M25S	N/A	N/A	ALSACIA ST	1290 G7
	8	64386	N/A	M25S	N/A	N/A	ALSACIA ST	1290 G7
	9	64178	N/A	M25S	N/A	N/A	ALLEY	1290 G7

**PIPELINE REHABILITATION AJ-1**

**LATERALS SHT 18**

**WBS No.: B-15201**

SHEET No		FSN of SWR MAIN	LATERAL FSN	FIELD BOOK	LATERAL SIZE (inch)	STREET #	STREET NAME	THOMAS BRO.
18	1	64387	368447	M25S	4	7130	ALSACIA ST	1290 G7
	2		270419	M25S	4	7140	ALSACIA ST	1290 G7
	3		270411	M25S	4	7150	ALSACIA ST	1290 G7
	4	64238	270399	M25S	4	7160	ALSACIA ST	1290 G7
	5		368431	M25S	4	7170	ALSACIA ST	1290 G7
	6		270389	M25S	4	7180	ALSACIA ST	1290 G7
	7	64274	270382	M25S	4	7190	ALSACIA ST	1290 G7
	8		270377	M25S	4	7210	ALSACIA ST	1290 G7
	9	64394	368415	M25S	4	2294	BARNEY ST	1290 G7
	10		368385	M25S	4	2286	BARNEY ST	1290 G7
	11		368366	M25S	4	2278	BARNEY ST	1290 G7
	12		270296	M25S	4	2270	BARNEY ST	1290 G7
	13	64254	368311	M25S	4	2262	BARNEY ST	1290 G7
	14		368274	M25S	4	2254	BARNEY ST	1290 G7
	15	64253	368240	M25S	4	2246	BARNEY ST	1290 G7
	16		270129	M25S	4	2238	BARNEY ST	1290 G7
	17		270090	M25S	4	2230	BARNEY ST	1290 G7
	18		368191	M25S	4	2231	BARNEY ST	1290 G7
	19		270117	M25S	4	2241	BARNEY ST	1290 G7
	20		270149	M25S	4	2251	BARNEY ST	1290 G7
	21		368245	M25S	4	2261	BARNEY ST	1290 G7
	22		64259	368159	M25S	4	7313	LATROBE CR
	23	368161		M25S	4	7335	LATROBE CR	1290 G7
	24	270055		M25S	4	7347	LATROBE CR	1290 G7

18	25	64261	270040	M25S	4	7303	LATROBE CR	1290 G7
	26		368148	M25S	4	7289	LATROBE CR	1290 G7
	27		270029	M25S	4	7267	LATROBE CR	1290 G7
	28		270027	M25S	4	7257	LATROBE CR	1290 G7
	29		368184	M25S	4	7254	LATROBE CR	1290 G7
	30	64393	368160	M25S	4	7245	LATROBE CR	1290 G7
	31		368170	M25S	4	7241	LATROBE CR	1290 G7
	32		270078	M25S	4	7233	LATROBE CR	1290 G7
	33		270102	M25S	4	7225	LATROBE CR	1290 G7
	34		368215	M25S	4	7217	LATROBE CR	1290 G7
	35		368205	M25S	4	7230	LATROBE CR	1290 G7
	36		270085	M25S	4	7242	LATROBE CR	1290 G7
	37		270145	M25S	4	7209	LATROBE CR	1290 G7
	38	64247	270186	M25S	4	7195	LATROBE CR	1290 G7
	39		368277	M25S	4	7189	LATROBE CR	1290 G7
	40		270266	M25S	4	7183	LATROBE CR	1290 G7
	41	64231	368337	M25S	4	7175	LATROBE CR	1290 G7
	42		368343	M25S	4	7167	LATROBE CR	1290 G7
	43		368349	M25S	4	7159	LATROBE CR	1290 G7
	44		368356	M25S	4	7151	LATROBE CR	1290 G7
	45		270264	M25S	4	7160	LATROBE CR	1290 G7
	46	64395	368360	M25S	4	7143	LATROBE CR	1290 G7
	47		270317	M25S	4	7135	LATROBE CR	1290 G7
	48		270318	M25S	4	7127	LATROBE CR	1290 G7
	49		368324	M25S	4	7130	LATROBE CR	1290 G7
	50		270279	M25S	4	7140	LATROBE CR	1290 G7
	51		270272	M25S	4	7150	LATROBE CR	1290 G7

**APPENDIX K**  
**HAZARDOUS LABEL/FORMS**

# HAZARDOUS WASTE

STATE AND FEDERAL LAW PROHIBITS IMPROPER DISPOSAL  
IF FOUND, CONTACT THE NEAREST POLICE, OR PUBLIC SAFETY  
AUTHORITY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY  
OR THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES

GENERATOR NAME \_\_\_\_\_ 24 HR. PHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

EPA ID NO. \_\_\_\_\_ MANIFEST DOCUMENT NO. \_\_\_\_\_

EPA WASTE NO. \_\_\_\_\_ CA WASTE NO. \_\_\_\_\_ ACCUMULATION START DATE \_\_\_\_\_

CONTENTS, COMPOSITION \_\_\_\_\_

PROPER DOT SHIPPING NAME \_\_\_\_\_

TECHNICAL NAME (S) \_\_\_\_\_

UN/NA NO. WITH PREFIX \_\_\_\_\_

PHYSICAL STATE | HAZARDOUS PROPERTIES |  FLAMMABLE |  TOXIC  
 SOLID |  LIQUID |  CORROSIVE |  REACTIVE |  OTHER

## HANDLE WITH CARE!

CONTAINS HAZARDOUS OR TOXIC WASTES

# INCIDENT/RELEASE ASSESSMENT FORM <sup>1</sup>

## If you have an emergency, Call 911

*Handlers of hazardous materials are required to report releases. The following is a tool to be used for assessing if a release is reportable. Additionally, a non-reportable release incident form is provided to document why a release is not reported (see back).*

### Questions for Incident Assessment:

	YES	NO
1. Was anyone killed or injured, or did they require medical care or admitted to a hospital for observation?	<input type="checkbox"/>	<input type="checkbox"/>
2. Did anyone, other than employees in the immediate area of the release, evacuate?	<input type="checkbox"/>	<input type="checkbox"/>
3. Did the release cause off-site damage to public or private property?	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the release greater than or equal to a reportable quantity (RQ)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Was there an uncontrolled or unpermitted release to the air?	<input type="checkbox"/>	<input type="checkbox"/>
6. Did an uncontrolled or unpermitted release escape secondary containment, or extend into any sewers, storm water conveyance systems, utility vaults and conduits, wetlands, waterways, public roads, or off site?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will control, containment, decontamination, and/or clean up require the assistance of federal, state, county, or municipal response elements?	<input type="checkbox"/>	<input type="checkbox"/>
8. Was the release or threatened release involving an unknown material or contains an unknown hazardous constituent?	<input type="checkbox"/>	<input type="checkbox"/>
9. Is the incident a threatened release (a condition creating a substantial probability of harm that requires immediate action to prevent, reduce, or mitigate damages to persons, property, or the environment)?	<input type="checkbox"/>	<input type="checkbox"/>
10. Is there an increased potential for secondary effects including fire, explosion, line rupture, equipment failure, or other outcomes that may endanger or cause exposure to employees, the general public, or the environment?	<input type="checkbox"/>	<input type="checkbox"/>

If the answer is YES to any of the above questions – report the release to the California Office of Emergency Services at 800-852-7550 and the local CUPA daytime: (619) 338-2284, after hours: (858) 565-5255. Note: other state and federal agencies may require notification depending on the circumstances.

\*Call 911 in an emergency\*

If all answers are NO, complete a Non Reportable Release Incident Form (page 2 of 2) and keep readily available. Documenting why a “no” response was made to each question will serve useful in the event questions are asked in the future, and to justify not reporting to an outside regulatory agency.

If in doubt, report the release.

<sup>1</sup> This document is a guide for accessing when hazardous materials release reporting is required by Chapter 6.95 of the California Health and Safety Code. It does not replace good judgment, Chapter 6.95, or other state or federal release reporting requirements.



**EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM**

<b>A</b>	BUSINESS NAME	FACILITY EMERGENCY CONTACT & PHONE NUMBER ( ) -		
<b>B</b>	INCIDENT DATE MO DAY YR	TIME NOTIFIED OES	(use 24 hr time)	OES CONTROL NO.
<b>C</b>	INCIDENT ADDRESS LOCATION		CITY/ COMMUNITY	COUNTY ZIP
<b>D</b>	CHEMICAL OR TRADE NAME (print or type)			CAS Number
	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A <input type="checkbox"/>		CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C. Section 9603 (a) <input type="checkbox"/>	
	PHYSICAL STATE CONTAINED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	PHYSICAL STATE RELEASED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	QUANTITY RELEASED	
	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER	TIME OF RELEASE	DURATION OF RELEASE — DAYS — HOURS — MINUTES	
<b>E</b>	ACTIONS TAKEN			
<b>F</b>	KNOWN OR ANTICIPATED HEALTH EFFECTS (Use the comments section for addition information)			
	<input type="checkbox"/> ACUTE OR IMMEDIATE (explain) _____			
	<input type="checkbox"/> CHRONIC OR DELAYED (explain) _____			
	<input type="checkbox"/> NOTKNOWN (explain) _____			
<b>G</b>	ADVICE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS			
<b>H</b>	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)			
<b>I</b>	CERTIFICATION: I certify under penalty of law that I have personally examined and I am familiar with the information submitted and believe the submitted information is true, accurate, and complete.			
	REPORTING FACILITY REPRESENTATIVE (print or type) _____			
	SIGNATURE OF REPORTING FACILITY REPRESENTATIVE _____ DATE: _____			

## **EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS**

### **GENERAL INFORMATION:**

Chapter 6.95 of Division 20 of the California Health and Safety Code requires that written emergency release follow-up notices prepared pursuant to 42 U.S.C. § 11004, be submitted using this reporting form. Non-permitted releases of reportable quantities of Extremely Hazardous Substances (listed in 40 CFR 355, appendix A) or of chemicals that require release reporting under section 103(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 [42 U.S.C. § 9603(a)] must be reported on the form, as soon as practicable, but no later than 30 days, following a release. The written follow-up report is required in addition to the verbal notification.

### **BASIC INSTRUCTIONS:**

- The form, when filled out, reports follow-up information required by 42 U.S.C § 11004. Ensure that all information requested by the form is provided as completely as possible.
- If the incident involves reportable releases of more than one chemical, prepare one report form for each chemical released.
- If the incident involves a series of separate releases of chemical(s) at different times, the releases should be reported on separate reporting forms.

### **SPECIFIC INSTRUCTIONS:**

**Block A:** Enter the name of the business and the name and phone number of a contact person who can provide detailed facility information concerning the release.

**Block B:** Enter the date of the incident and the time that verbal notification was made to OES. The OES control number is provided to the caller by OES at the time verbal notification is made. Enter this control number in the space provided.

**Block C:** Provide information pertaining to the location where the release occurred. Include the street address, the city or community, the county and the zip code.

**Block D:** Provide information concerning the specific chemical that was released. Include the chemical or trade name and the Chemical Abstract Service (CAS) number. Check all categories that apply. Provide best available information on quantity, time and duration of the release.

**Block E:** Indicate all actions taken to respond to and contain the release as specified in 42 U.S.C. § 11004(c).

**Block F:** Check the categories that apply to the health effects that occurred or could result from the release. Provide an explanation or description of the effects in the space provided. Use Block H for additional comments/information if necessary to meet requirements specified in 42 U.S.C. § 11004(c).

**Block G:** Include information on the type of medical attention required for exposure to the chemical released. Indicate when and how this information was made available to individuals exposed and to medical personnel, if appropriate for the incident, as specified in 42 U.S.C. § 11004(c).

**Block H:** List any additional pertinent information.

**Block I:** Print or type the name of the facility representative submitting the report. Include the official signature and the date that the form was prepared.

### **MAIL THE COMPLETED REPORT TO:**

**State Emergency Response Commission (SERC)  
Attn: Section 304 Reports  
Hazardous Materials Unit  
3650 Schriever Avenue  
Mather, CA 95655**

**NOTE:** Authority cited: Sections 25503, 25503.1 and 25507.1, Health and Safety Code. Reference: Sections 25503(b)(4), 25503.1, 25507.1, 25518 and 25520, Health and Safety Code.

## APPENDIX L

### SEWER MAINS AND MANHOLE REHABILITATION SAMPLE DATA TEMPLATES







**APPENDIX M**

**CURB RAMP MAP AND SHEET**

PIPELINE REHABILITATION AJ-1

CURB RAMP SHT 1

CURB RAMP NOTES TABLE

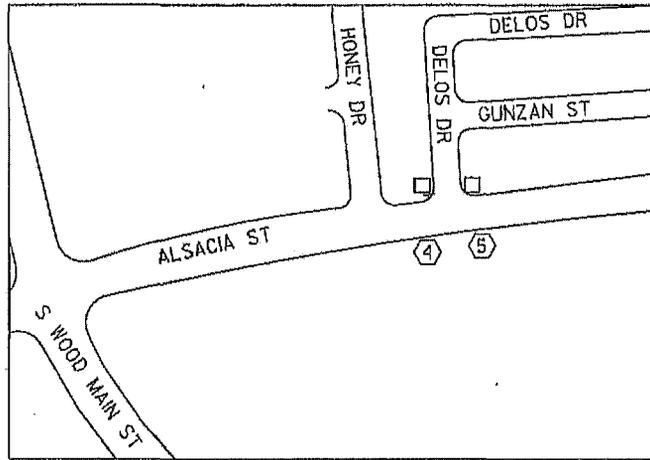
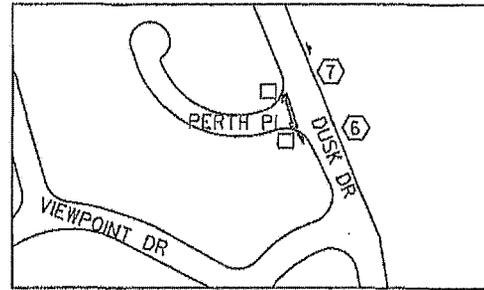
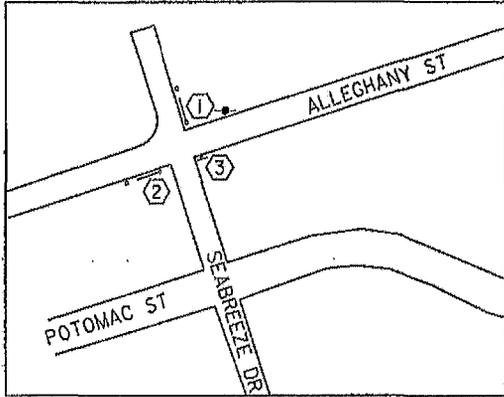
LOCATION NO.	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMPS	DETECTABLE WARNING TILES		CONSTRAINTS	COMMENTS / MODIFICATIONS
					* STAINLESS STEEL	* OTHER		
1	A		X		X			INSTALL PED BARRICADE PER SDE-103 AT NE CORNER TO PREVENT CROSSING AT SEA BREEZE
2	A	X			X			INSTALL PED BARRICADE PER SDE-103 AT SW CORNER TO PREVENT CROSSING AT ALLEGHANY
3	A	X			X			RELOCATE STOP SIGN AND LIMIT LINE
4	B	X			X			DIRECTIONAL CURB RAMP; INSTALL 5' LONG RED CURB AT BOTH SIDES OF CURB RAMP OPENING, MAY REQUIRE RETAINING CURB AT BACK OF CURB RAMP
5	B	X			X			DIRECTIONAL CURB RAMP; INSTALL 5' LONG RED CURB AT BOTH SIDES OF CURB RAMP OPENING
6	B	X			X			DIRECTIONAL CURB RAMP, RETAINING CURB NOT NEEDED
7	B	X			X			RELOCATE EXISTING SIGN; INSTALL 5' LONG RED CURB AT BOTH SIDES OF CURB RAMP OPENING
8	CI	X			X			PROVIDE A RETAINING CURB BEHIND THE ENTIRE CURB RAMP, PROTECT THE ADJACENT WALLS/FENCE BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTION.
9	CASE B	X			X			PROVIDE A RETAINING CURB BEHIND THE ENTIRE CURB RAMP, PROTECT THE ADJACENT WALLS/FENCE BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTION, INSTALL PED BARRICADE PER SDE-103 AT SW CORNER TO PREVENT CROSSING AT GARBER AVE.
10	CI	X			X			INSTALL PED BARRICADE PER SDE-103 AT NE CORNER TO PREVENT CROSSING AT ALLEGHANY
11	CASE B	X			X			PROVIDE A RETAINING CURB BEHIND THE ENTIRE CURB RAMP, PROTECT THE ADJACENT WALLS BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTION
12	CASE B	X			X			
13	CI	X			X			PROVIDE A RETAINING CURB BEHIND THE ENTIRE CURB RAMP, PROTECT THE ADJACENT WALLS BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTION
14	CI	X			X			
15	B	X			X			
16	B	X			X			DIRECTIONAL CURB RAMP; RETAINING CURB BEHIND ENTIRE CURB RAMP 2" HIGH THAN EXISTING GRADE.
17	CI	X			X			
18	CI	X			X			PROVIDE A RETAINING CURB BEHIND THE ENTIRE CURB RAMP, PROTECT THE ADJACENT WALLS BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTION, INSTALL PEDESTRIAN BARRICADE PER SDE-103 AT NW & NE CORNER TO PREVENT CROSSING AT GARBER AVE

- \* SEE ADDITIONAL NOTES; STANDARD DRAWINGS - 2016 EDITION - GENERAL CURB NOTES - SDG 131
- \* THE DETECTABLE WARNING TILES SHALL BE PER THE CITY'S APPROVED MATERIALS LIST
- \* PROTECT AND KEEP ALL HISTORIC STAMPS WITHIN CORNER SIDEWALK
- \* ADJUST LIMIT LINES TO CONFIRM WITH ACCESS LAWS, SO IT DOES NOT ENCROACH ONTO THE PEDESTRIAN CROSSING AREA.
- \* RESTRIPE FADED LIMIT LINES WITH 12" WIDE WHITE THERMOPLASTIC (TYPICAL ON ALL LIMIT STOP & YIELD LINES). REMOVE ANY EXTRA STRIPING IN FRONT OF A CURB RAMP, ALL LIMIT LINE SHOULD BE PLACED BEFORE THE CURB RAMP.
- \* THE DESIGN OF CURB RAMP SHALL NOT AFFECT THE DRAINAGE PATTERN ON THE STREET.
- \* COUNTER SLOPES (CURB RAMP SLOPE PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13% WITH THE EXCEPTION OF A TYPE C2 AND CI, ADJUST THE SLOPE OF THE MAIN RAMP AND/OR STREET IF THE COUNTER SLOPE EXCEEDS 5.0%.

**NOTE:**

CONTRACTOR TO NOTIFY SURVEYING 30 DAYS PRIOR TO REMOVAL OF SIDEWALK FOR CURB RAMP CONSTRUCTION TO RELOCATE ANY SURVEY MARKERS.

PIPELINE REHABILITATION AJ-1  
CURB RAMP SHT 2

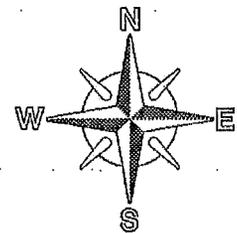


LEGEND

- ⑧ CURB RAMP NO's
- EX UTILITY POLE
- EX FIRE HYDRANT
- PED BARRICADE
- ⊥ EX TREE
- ⋈ EX STREET SIGN
- EX CURB RAMP
- +— CROSS GUTTER
- \* EX STREET LIGHT

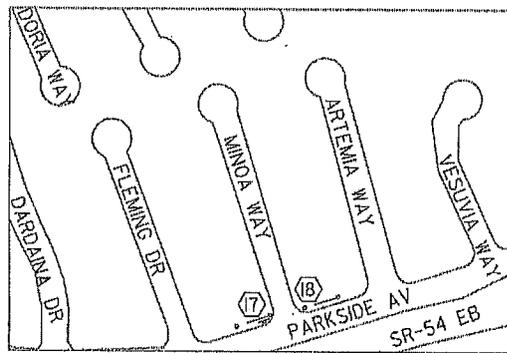
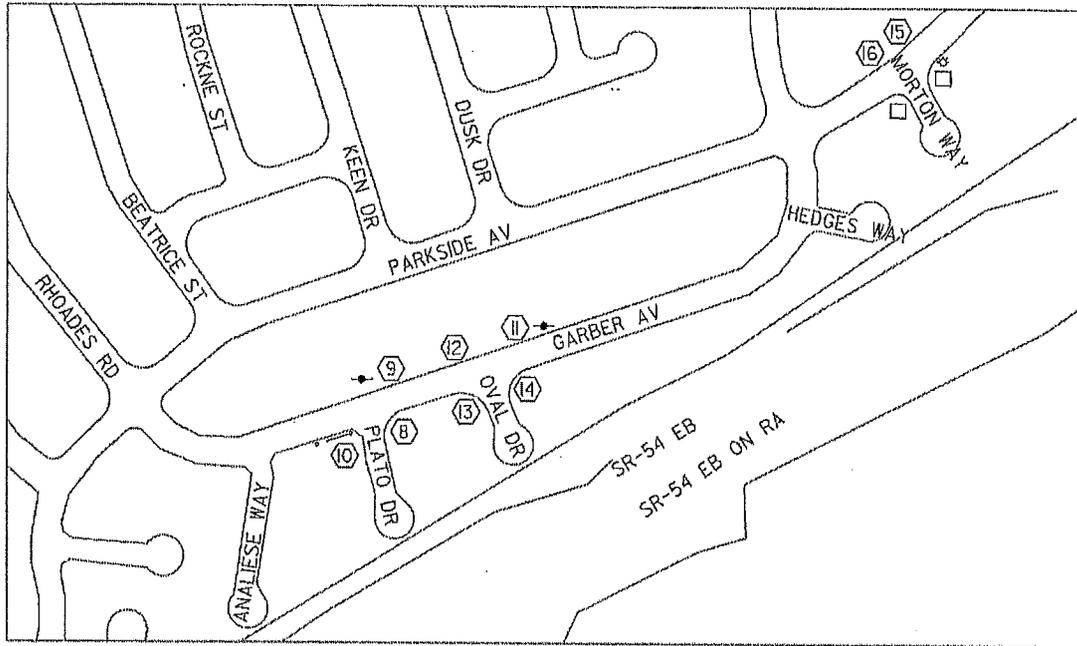
PROPOSED CURB RAMPS PER STANDARD DRAWINGS:

- CURB RAMP A & B SDG-133
- CURB RAMP - TYPE C1 & C2 SDG-135
- CURB RAMP - TYPE C1 & C2 MORE DETAILS SDG-136
- CURB RAMP - TYPE D SDG-137
- GENERAL CURB RAMPS SDG-138
- GENERAL CURB NOTE & SUPPLEMENTAL DETAILS SDG-132
- EX HISTORICAL STAMP/IMPRESSION PLACEMENT SDG-115
- PED BARRICADE SDE-103
- GENERAL CURB RAMP NOTES SDG-131
- CROSS GUTTER SDG-157



NO SCALE

PIPELINE REHABILITATION AJ-1  
CURB RAMP SHT 3

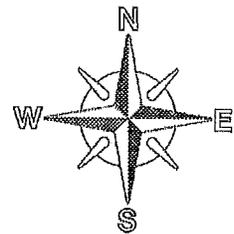


LEGEND

- ⑧ CURB RAMP NO's
- EX UTILITY POLE
- EX FIRE HYDRANT
- PED BARRICADE
- EX TREE
- † EX STREET SIGN
- EX CURB RAMP
- CROSS GUTTER
- \* EX STREET LIGHT

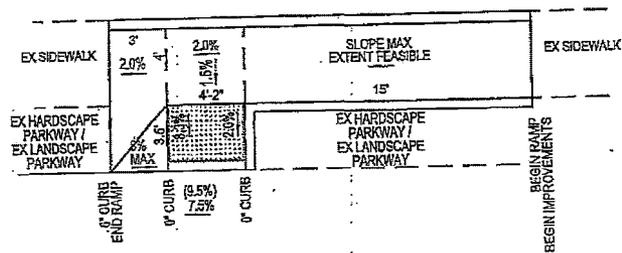
PROPOSED CURB RAMPS PER STANDARD DRAWINGS:

- CURB RAMP A & B SDG-133
- CURB RAMP - TYPE C1 & C2 SDG-135
- CURB RAMP - TYPE C1 & C2 MORE DETAILS SDG-136
- CURB RAMP - TYPE D SDG-137
- GENERAL CURB RAMPS SDG-138
- GENERAL CURB NOTE & SUPPLEMENTAL DETAILS SDG-132
- EX HISTORICAL STAMP/IMPRESSION PLACEMENT SDG-115
- PED BARRICADE SDE-103
- GENERAL CURB RAMP NOTES SOG-131
- CROSS GUTTER SOG-157

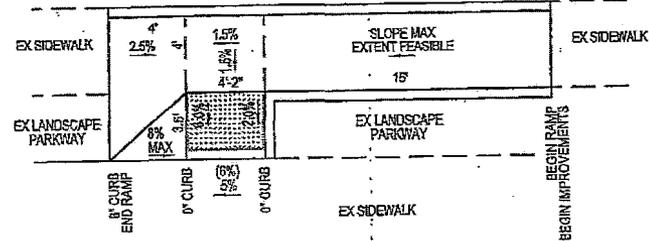


NO SCALE

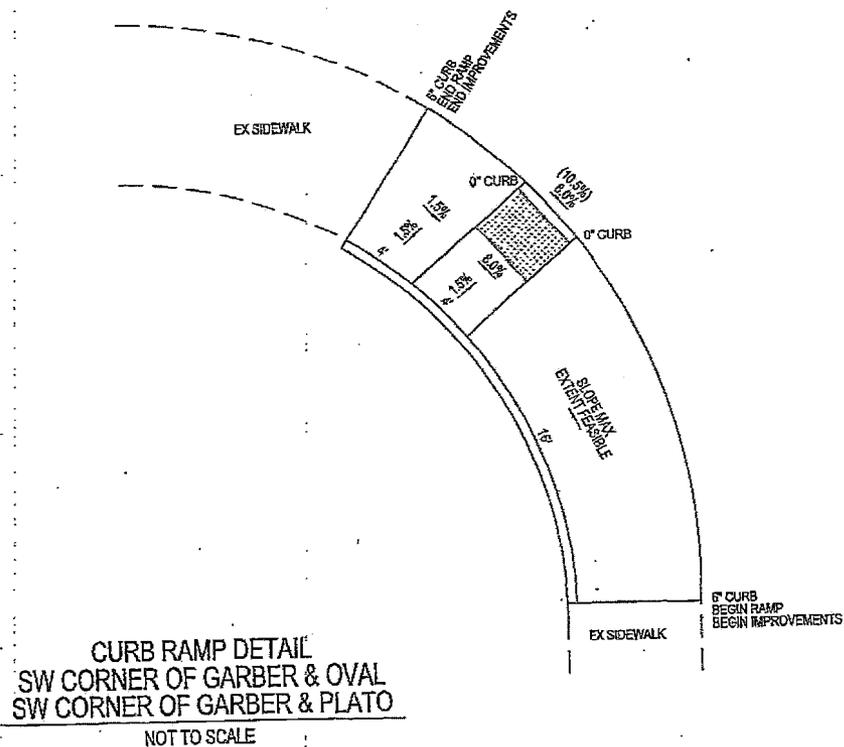
PIPELINE REHABILITATION A-1  
CURB RAMP SH 4



**CURB RAMP DETAIL**  
**CASE B AT NE CORNER OF GARBER & PLATO**  
**CASE B AT NW CORNER OF GARBER & OVAL**  
NOT TO SCALE



**CURB RAMP DETAIL**  
**CASE B AT NE CORNER OF GARBER & OVAL**  
NOT TO SCALE



**CURB RAMP DETAIL**  
**SW CORNER OF GARBER & OVAL**  
**SW CORNER OF GARBER & PLATO**  
NOT TO SCALE

## APPENDIX N

### ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

## Protecting AMI Devices in Meter Boxes and on Street Lights

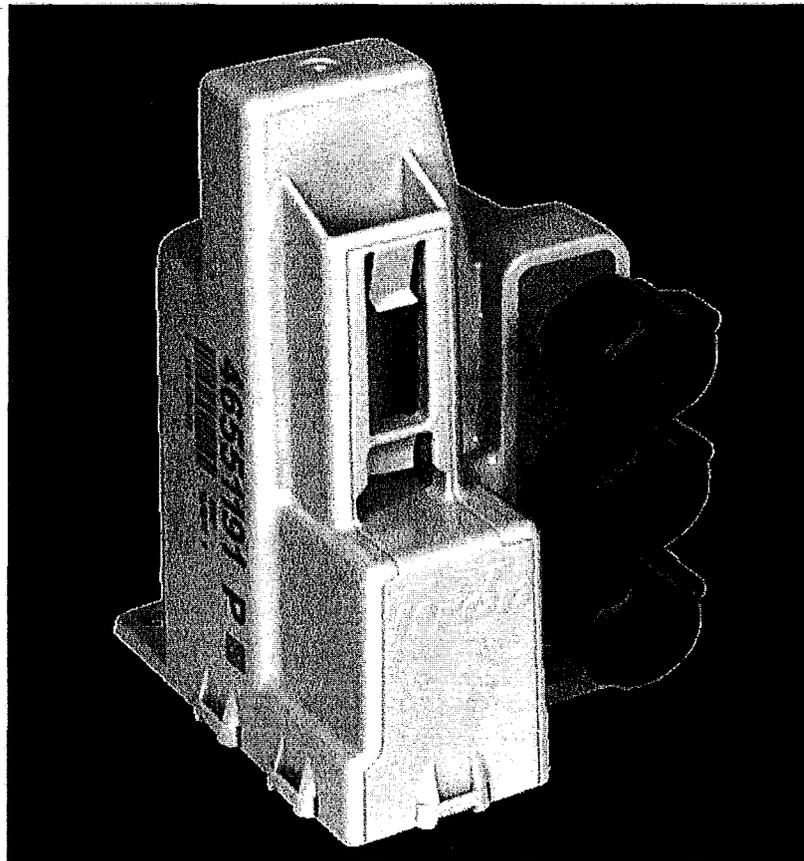
The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water. **All AMI devices shall be protected per Section 5-2, "Protection", of the 2015 Whitebook.**

AMI technology allows water meters to be read electronically rather than through direct visual inspection by PUD field staff. This will assist PUD staff and customers in managing unusual consumption patterns which could indicate leaks or meter tampering on a customer's property.

Three of the main components of an AMI system are the:

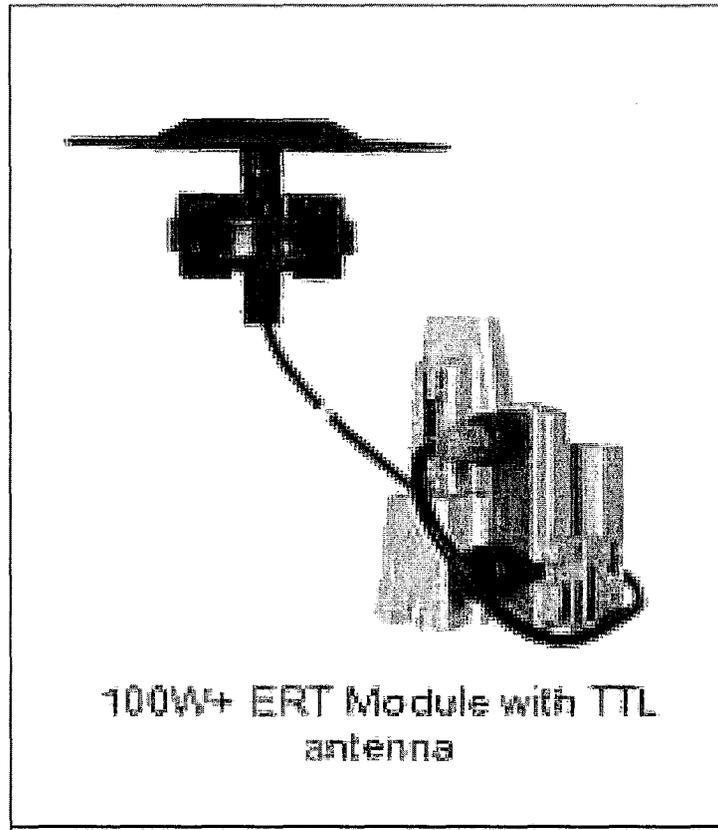
- A. Endpoints, see Photo 1:

**Photo 1**



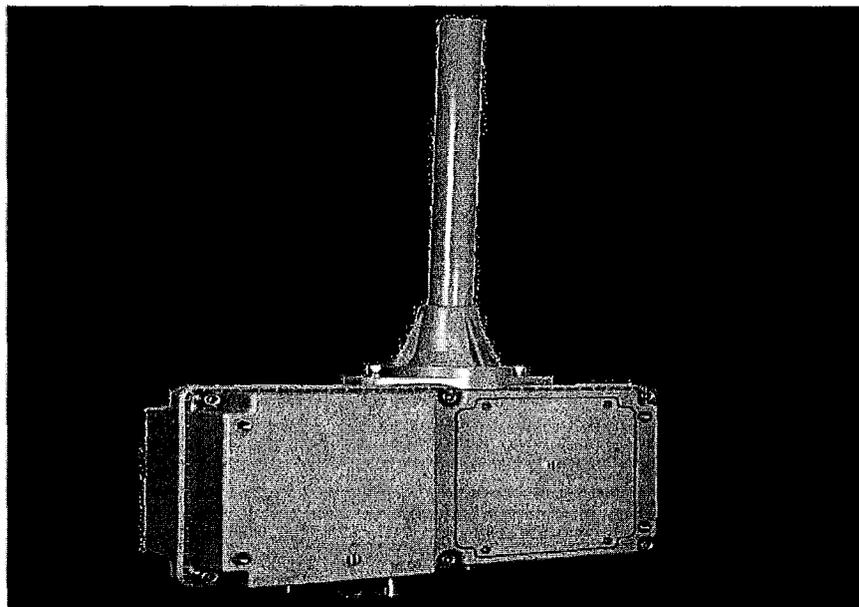
B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:

**Photo 2**



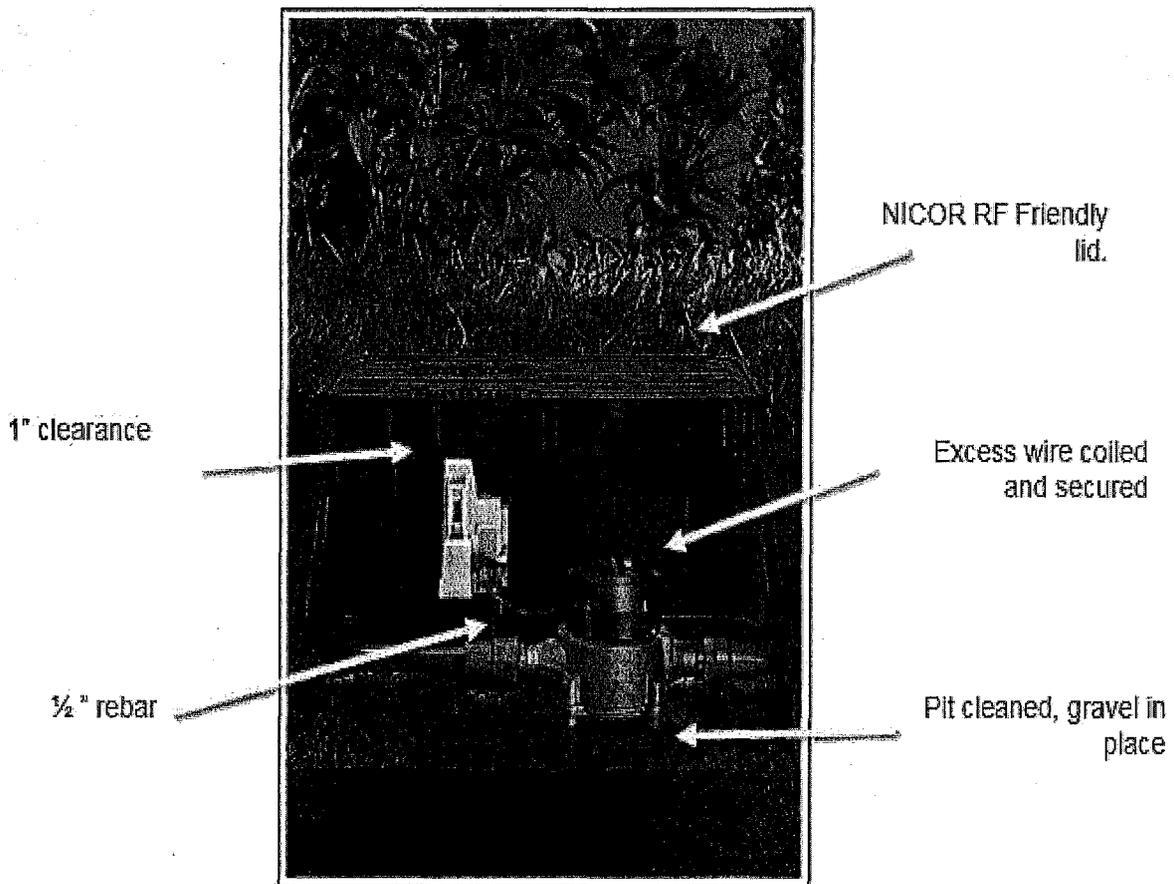
Network Devices, see Photo 3:

**Photo 3**



AMI endpoints transmit meter information to the AMI system and will soon be on the vast majority of meters in San Diego. These AMI devices provide interval consumption data to the PUD's Customer Support Division. If these devices are damaged or communication is interrupted, this Division will be alerted of the situation. The endpoints are installed in water meter boxes, coffins, and vaults adjacent to the meter. A separate flat round antenna may also be installed through the meter box lid. This antenna is connected to the endpoint via cable. The following proper installation shall be implemented when removing the lid to avoid damaging the antenna, cable, and/or endpoint. Photo 4 below demonstrates a diagram of the connection:

**Photo 4**



The AMI device ERT/Endpoint/Transmitter shall be positioned and installed as discussed in this Appendix. If the ERT/Endpoint/Transmitter is disturbed, it shall be re-installed and returned to its original installation with the end points pointed upwards as shown below in Photo 5.

**The PUD's code compliance staff will issue citations and invoices to you for any damaged AMI devices that are not re-installed as discussed in the Contract Document**

Photo 5 below shows a typical installation of an AMI endpoint on a water meter.

**Photo 5**

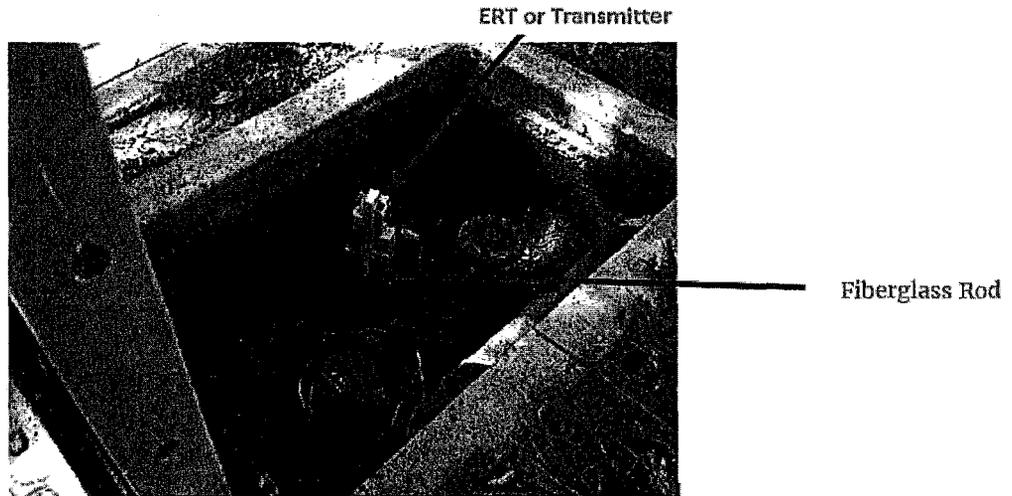
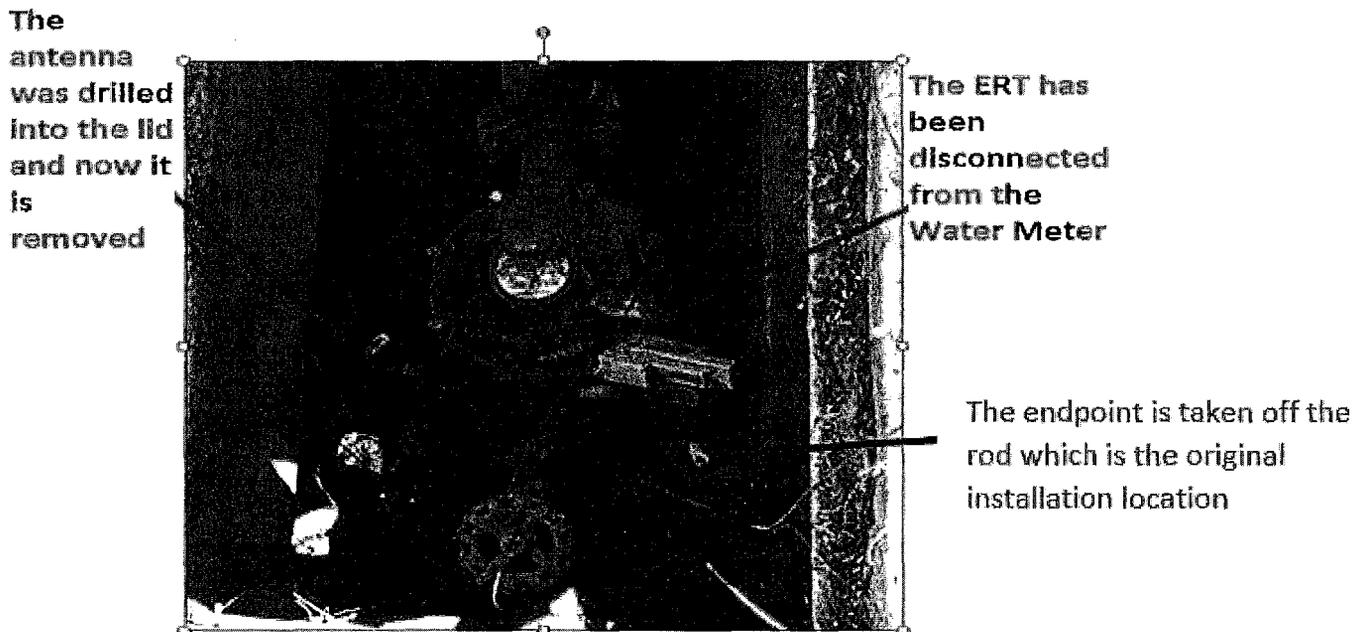


Photo 6 below is an example of disturbance that shall be avoided:

**Photo 6**



**You are responsible when working in and around meter boxes.** If you encounter these endpoints, use proper care and do not disconnect them from the registers on top of the water meter. If the lid has an antenna drilled through, do not change or tamper with the lid and inform the Resident Engineer immediately about the location of that lid. Refer to Photo 7 below:

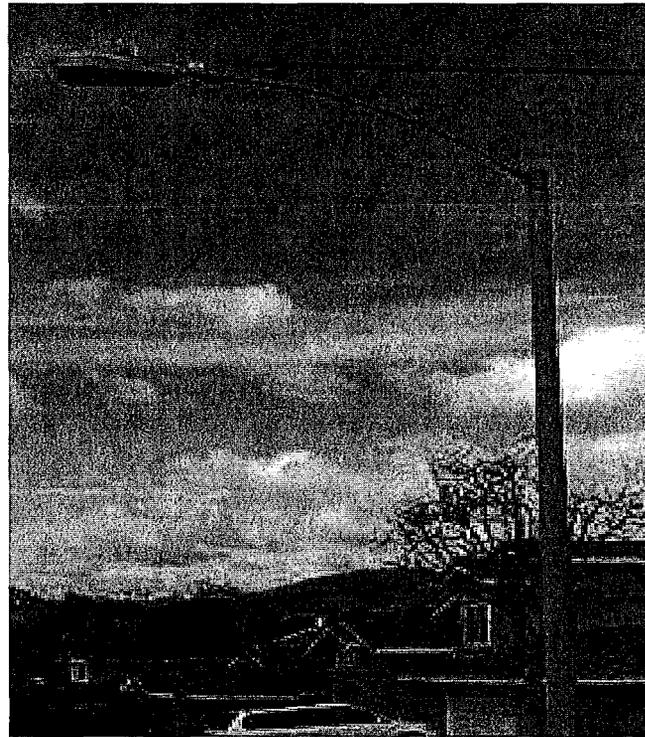
**Photo 7**



Another component of the AMI system are the Network Devices. The Network Devices are strategically placed units (mainly on street light poles) that collect interval meter reading data from multiple meters for transmission to the Department Control Computer. **If you come across any of these devices on street lights that will be removed or replaced (refer to Photos 8 and 9 below), notify AMI Project Manager Arwa Sayed at (619) 362-0121 immediately.**

Photo 8 shows an installed network device on a street light. On the back of each Network Device is a sticker with contact information. See Photo 9. **Call PUD Water Emergency Repairs at 619-515-3525 if your work will impact these street lights.** These are assets that belong to the City of San Diego and you shall be responsible for any costs of disruption of this network.

**Photo 8**



**Network Device**

**Photo 9**



**If you encounter any bad installations, disconnected/broken/buried endpoints, or inadvertently damage any AMI devices or cables, notify the Resident Engineer immediately. The Resident Engineer will then immediately contact the AMI Project Manager, Arwa Sayed, at (619) 362-0121.**

**APPENDIX O**  
**SAMPLE OF PUBLIC NOTICES**



## PROJECT NAME

### **Trenching on your street is complete.**

#### **What you need to know:**

- Pipe installation on your street is complete and construction crews are now installing new pipeline for this project at another location.
- You may see temporary trench plates or trench cap for some time, even after construction activities have concluded on your street.

#### **Street resurfacing:**

- Your Streets will be resurfaced once the entire pipeline project is complete. Concrete streets will not be resurfaced curb to curb; only the trench will be backfilled.
- Street resurfacing may be delayed due the City's slurry seal moratorium

#### **Estimated resurfacing completion on your street:**

(Insert Date-Month and Year)

**For questions related to this work**

**Call: (619) 533-4207**

**Email: [engineering@saniego.gov](mailto:engineering@saniego.gov)**



This information is available in alternative formats upon request.



**ATTACHMENT F**  
**INTENTIONALLY LEFT BLANK**

**ATTACHMENT G**

**CONTRACT AGREEMENT**

## CONTRACT AGREEMENT

---

### CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Southwest Pipeline and Trenchless Corp., herein called "Contractor" for construction of **Pipeline Rehabilitation AJ-1**; Bid No. **K-17-1493-DBB-3-A**; in the amount of Four Million Ninety Two Thousand Five Hundred Eighteen Dollars and Zero Cents (\$4,092,518.00), which is comprised of the Base Bid.

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) That certain documents entitled **Pipeline Rehabilitation AJ-1**, on file in the office of the Public Works Department as Document No. **B-15201**, 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 AJ-1**, Bid No. **K-17-1493-DBB-3-A**, 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**

Mara W. Elliot, City Attorney

By 

By 

Print Name: Stephen Samara  
Principal Contract Specialist  
Public Works Department

Print Name: Pedro DeLara, Jr.  
Deputy City Attorney

Date: 3-21-17

Date: 3/23/17

**CONTRACTOR**

By 

Print Name: Justin Duchaineau

Title: President

Date: 1-31-2017

City of San Diego License No.: B2003006118

State Contractor's License No.: 773862-A

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000002176

## **CERTIFICATIONS AND FORMS**

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

## **Bidder's General Information**

To the City of San Diego:

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

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

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

State of California

County of San Diego

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

## CONTRACTOR CERTIFICATION

---

### DRUG-FREE WORKPLACE

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 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 § 22.3004 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:

\_\_\_\_\_  
(Name of Project or Task)

as particularly described in said contract and identified as Bid No. \_\_\_\_\_ ; SAP No. (WBS/IO/CC) \_\_\_\_\_; 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**

**PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY**

**TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY**

**SEE INSTRUCTIONS TO BIDDERS FOR FURTHER INFORMATION**

Item No.	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
1.						\$	\$
2.						\$	\$
3.						\$	\$
4.						\$	\$
5.						\$	\$
6.						\$	\$
7.						\$	\$
8.						\$	\$
9.						\$	\$
10.						\$	\$
11.						\$	\$
12.						\$	\$

13.						N/A	\$
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 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**

**PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY**

**TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY**

**SEE INSTRUCTIONS TO BIDDERS, FOR FURTHER INFORMATION**

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

**PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY**

**TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY**

**SEE INSTRUCTIONS TO BIDDERS FOR FURTHER INFORMATION**

ADDITIVE/ DEDUCTIVE ALTERNATE	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.**

## **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 Southwest Pipeline and Trenchless Corp. as Principal, and  
Liberty Mutual Insurance Company as Surety, are

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

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

Pipeline Rehabilitation AJ-1 No. K-17-1493-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 16th day of November, 20 16

Southwest Pipeline and Trenchless Corp. (SEAL)

Liberty Mutual Insurance Company (SEAL)

(Principal)

(Surety)

By: [Signature]

By: [Signature]

(Signature)

Noemi Quiroz  
(Signature) Attorney-in-Fact



(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**Civil Code § 1189**

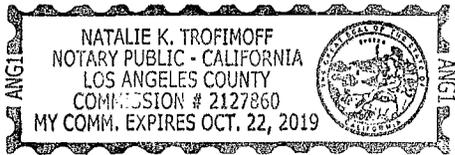
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

State of California )  
 ) ss  
County of Los Angeles )

On NOV 16 2016, before me, Natalie K. Trofimoff, Notary Public, personally appeared Noemi Quiroz, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.



(Seal)

Signature: *Natalie K. Trofimoff*  
Natalie K. Trofimoff, Notary Public

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

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

### POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Noemi Quiroz

of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: Bid Bond

Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 26th day of September, 2016.



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

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

STATE OF PENNSYLVANIA      ss  
COUNTY OF MONTGOMERY

On this 26th day of September, 2016, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

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



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

By: Teresa Pastella  
Teresa Pastella, Notary Public

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

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

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

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

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

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

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 16th day of November, 2016.



By: Renee C. Llewellyn  
Renee C. Llewellyn, Assistant Secretary

## CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

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

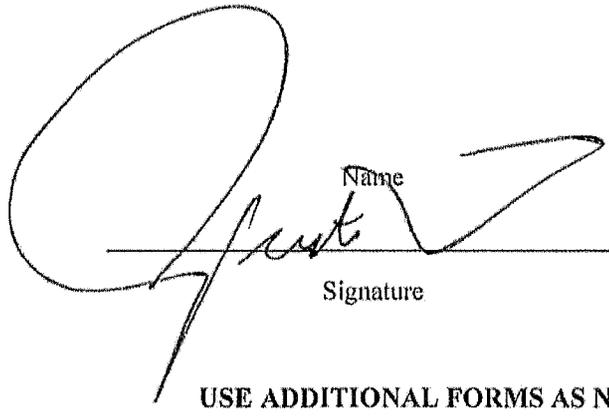
CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
  
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

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

Contractor Name: Southwest Pipeline & Trenchless Corp.

Certified By Justin Duchaineau Title President

 Name \_\_\_\_\_  
Signature \_\_\_\_\_ Date 12-6-2016

**USE ADDITIONAL FORMS AS NECESSARY**

**EQUAL BENEFITS ORDINANCE  
CERTIFICATION**



**OF**

For additional information, contact:  
**CITY OF SAN DIEGO**

**EQUAL BENEFITS PROGRAM**

202 C Street, MS 9A, San Diego, CA 92101

**COMPLIANCE**

<b>COMPANY INFORMATION</b>	
Company Name: Southwest Pipeline & Trenchless Corp.	Contact Name: J. Duchaineau
Company Address: 22118 S. Vermont Ave., Torrance, CA 90502	Contact Phone: 310-329-8717
	Contact Email: <a href="mailto:justin@swpipeline.com">justin@swpipeline.com</a>
<b>CONTRACT INFORMATION</b>	
Contract Title: President	Start Date:
Contract Number (if no number, state location): K-17-1493-DBB-3-A	End Date:
<b>SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>■ Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.                             <ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.</li> </ul> </li> <li>■ 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.</li> <li>■ Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.</li> <li>■ Contractor shall submit <i>EBO Certification of Compliance</i>, signed under penalty of perjury, prior to award of contract.</li> </ul> <p>NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at <a href="http://www.sandiego.gov/administration">www.sandiego.gov/administration</a>.</p>	

**CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION**

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

- I affirm **compliance** with the EBO because my firm (*contractor must select one reason*):
  - Provides equal benefits to spouses and domestic partners.
  - Provides no benefits to spouses or domestic partners.
  - Has no employees.
  - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.

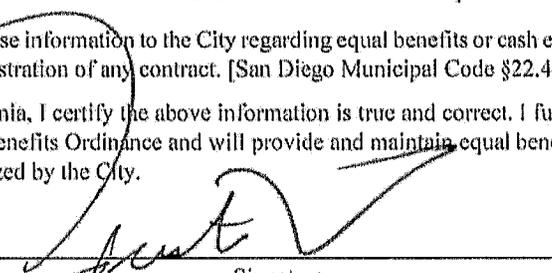
I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

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

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

Justin Duchaineau- President

Name/Title of Signatory



Signature

12-6-2016

Date

**FOR OFFICIAL CITY USE ONLY**

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

Rev 02/15/2011

**Bid Results for Project Pipeline Rehabilitation AJ-1 (K-17-1493-DBB-3-A)**

Issued on 11/10/2016

Bid Due on December 14, 2016 2:00 PM (Pacific)

Exported on 12/15/2016

VendorID	Company Name	Address	City	Zip Code	Contact	Phone	Fax	Email	Vendor Type
302463	Southwest Pipeline and Trenchless Corp.	22118 S. Vermont Avenue	Torrance	90502	Justin Duchaineau	310-329-8717 ext. 103	310-329-0981	justin@swpipeline.com	CADIR,PQUAL

Responsee	Responsee Title	Responsee Phone	Responsee Email
Justin Duchaineau	President	310-329-8717 ext. 104	justin@swpipeline.com

Bid Format	Submitted Date	Delivery Method	Responsive	Status	Confirmation #	Ranking
Electronic	December 14, 2016 1:09:16 PM (Pacific)			Submitted	93039	0

Attachments		
File Title	File Name	File Type
Contractor's Certification	Contractor's Certification.pdf	General Attachments
Equal Benefits Ordinance	Equal Benefits Ordinance.pdf	General Attachments
Bid Bond	Bid Bond.pdf	Bid Bond

Line Items									
Item Num	Section	Item Code	Description	Unit of Measure	Quantity	Reference	Unit Price	Line Total	
1	Main Bid	524126	Bonds (Payment and Performance)	LS	1	2-4.1	\$39,000.00	\$39,000.00	
2	Main Bid	238990	Video Recording of Existing Conditions	LS	1	7-9.1.1	\$1,500.00	\$1,500.00	
3	Main Bid	237310	Traffic Control	LS	1	601-6	\$10,000.00	\$10,000.00	
4	Main Bid	237110	Mobilization	LS	1	9-3.4.1	\$30,000.00	\$30,000.00	
5	Main Bid		Field Orders (EOC Type II)	AL	1	9-3.5	\$257,650.00	\$257,650.00	
6	Main Bid	237310	Additional Pavement Removal and Disposal	CY	133	300-1.4	\$20.00	\$2,660.00	
7	Main Bid	237310	Asphalt Pavement Repair	TON	186	302-3.2	\$180.00	\$33,480.00	
8	Main Bid	237310	Rubber Polymer Modified Slurry (RPMS) Type I Over Type III and Striping	SF	717	302-4.12.4	\$10.00	\$7,170.00	
9	Main Bid	237310	Curb and Gutter (6 Inch Curb, Type G)	LF	20	303-5.9	\$85.00	\$1,700.00	
10	Main Bid	237310	Residential Concrete Driveway	SF	120	303-5.9	\$35.00	\$4,200.00	
11	Main Bid	237310	Remove and Replace Existing Sidewalk	SF	500	303-5.9	\$15.00	\$7,500.00	
12	Main Bid	237310	Additional Curb and Gutter Removal and Replacement	LF	25	303-5.9	\$85.00	\$2,125.00	
13	Main Bid	237310	Additional Sidewalk Removal and Replacement	SF	50	303-5.9	\$15.00	\$750.00	
14	Main Bid	237310	Cross Gutter	SF	850	303-5.9	\$19.50	\$16,575.00	
15	Main Bid	237310	Curb Ramp Modified (Case B) with Stainless Steel Detectable Warning Tiles	EA	3	303-5.10.2	\$3,350.00	\$10,050.00	
16	Main Bid	237310	Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles	EA	6	303-5.10.2	\$3,500.00	\$21,000.00	
17	Main Bid	237310	Curb Ramp (Type A) with Stainless Steel Detectable Warning Tiles	EA	3	303-5.10.2	\$3,300.00	\$9,900.00	
18	Main Bid	237310	Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles	EA	6	303-5.10.2	\$3,350.00	\$20,100.00	
19	Main Bid	237110	Sewer Main Cleanout	EA	30	306-17.2	\$3,500.00	\$105,000.00	
20	Main Bid	237110	Sewer Main (10 Inch, SDR-26)	LF	239	306-15.1	\$340.00	\$81,260.00	
21	Main Bid	237110	Manholes (4 ft x 3 ft)	EA	22	306-16.6	\$10,000.00	\$220,000.00	
22	Main Bid	237310	Crack Seal	LB	48	302-14.5	\$50.00	\$2,400.00	
23	Main Bid	237110	Additional Bedding	CY	133	306-15.1	\$10.00	\$1,330.00	
24	Main Bid	237310	Temporary Resurfacing	TON	186	306-15.9	\$1.00	\$186.00	
25	Main Bid	237110	Video Inspection of Pipelines and Culverts for Acceptance	LF	40028	306-18.7	\$0.50	\$20,014.00	
26	Main Bid	237110	Cleaning and Video Inspection of Existing Pipelines and Culverts	LF	40028	306-18.7	\$1.00	\$40,028.00	

Bid Results for Project Pipeline Rehabilitation AJ-1 (K-17-1493-DBB-3-A)

Item Num	Section	Item Code	Description	Unit of Measure	Quantity	Reference	Unit Price	Line Total
27	Main Bid	237310	Removal of Traffic Striping and Curb Markings	LF	60	314-2.3	\$28.00	\$1,680.00
28	Main Bid	237310	Removal of Pavement Markings	SF	25	314-2.3	\$68.00	\$1,700.00
29	Main Bid	237110	Cleaning and Video Inspections of Existing Laterals	EA	829	306-18.7	\$30.00	\$24,870.00
30	Main Bid	237110	Rehabilitate Sewer Main (8 Inch)	LF	36150	500-1.1.9	\$21.00	\$759,150.00
31	Main Bid	237110	Rehabilitate Sewer Main (10 Inch)	LF	3878	500-1.1.9	\$25.00	\$96,950.00
32	Main Bid	237110	Point Repair for Existing Sewer Main (8 Inch)	EA	7	500-1.2.7	\$3,200.00	\$22,400.00
33	Main Bid	237110	Additional Point Repair for Existing Sewer Main (8 Inch)	LF	20	500-1.2.7	\$100.00	\$2,000.00
34	Main Bid	237110	Point Repair for Existing Sewer Main (10 Inch)	EA	2	500-1.2.7	\$3,300.00	\$6,600.00
35	Main Bid	237110	Service Lateral Connection	EA	829	500-4.9	\$780.00	\$646,620.00
36	Main Bid	237110	Service Lateral Rehabilitation with Cleanout up to 7 ft in Depth	EA	702	500-1.6.6	\$1,560.00	\$1,095,120.00
37	Main Bid	237110	Service Lateral Rehabilitation with Cleanout greater than 7 ft in Depth	EA	127	500-1.6.6	\$1,560.00	\$198,120.00
38	Main Bid	237110	Sewer Lateral and Cleanout (4 Inch, Street)	EA	83	306-17.2	\$2,500.00	\$207,500.00
39	Main Bid	237110	Rehabilitate Existing Manhole	EA	49	500-2.10.2	\$1,495.00	\$73,255.00
40	Main Bid	237110	Rehabilitate Existing Manhole with Point Repair	EA	5	500-2.10.2	\$1,495.00	\$7,475.00
41	Main Bid	541330	WPCP Development	LS	1	7-8.6.4.2	\$500.00	\$500.00
42	Main Bid	237110	WPCP Implementation	LS	1	7-8.6.4.2	\$500.00	\$500.00
43	Main Bid	237110	Sewage Bypass and Pumping Plan (Diversion Plan)	LS	1	7-8.5.4	\$2,500.00	\$2,500.00
							<b>Subtotal</b>	<b>\$4,092,518.00</b>
							<b>Total</b>	<b>\$4,092,518.00</b>

Subcontractors							
Name	Description	License Num	Amount	Type	Address	City	ZipCode
Easy Flow	Lateral Rehab, Lateral Cleanouts, Clean/CCTV, Open Cut	960845	\$1,984,828.00	CADIR,CAU,ELBE,MALE	14275 Crystal View Lane	Poway	92064
YBS Concrete, Inc.	Curb and Gutter, Curb Ramps, Sidewalk Remove and Replace	885270	\$93,900.00	PQUAL,SLBE	365 E. J Street	Chula Vista	91910
Zebbron Contracting, Inc	Manhole Rehabilitation	855170	\$80,730.00		P.O. Box 2874	Newport Beach	92659

<b>Self-Performance</b>
47.23%