

# City of San Diego

**CONTRACTOR'S NAME:** Burtech Pipeline Incorporated  
**ADDRESS:** 102 Second Street, Encinitas, CA 92024  
**TELEPHONE NO.:** 760-634-2822 **FAX NO.:** 760-634-2415  
**CITY CONTACT:** Michelle Muñoz - Contract Specialist, Email: MichelleM@sandiego.gov  
Phone No. (619) 533-3482, Fax No. (619) 533-3633  
A.Demich/J.Borja/Lad

## BIDDING DOCUMENTS



**FOR ORIGINAL**



**PIPELINE REHABILITATION AG-1**

**BID NO.:** K-17-1407-DBB-3  
**SAP NO. (WBS/IO/CC):** B-14118  
**CLIENT DEPARTMENT:** 2000  
**COUNCIL DISTRICT:** 9  
**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**  
**NOVEMBER 22, 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:

Michael C. Ninn

For City Engineer

10/19/16

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 AG-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 **\$4,435,000.00**
4. **BID DUE DATE AND TIME ARE:** NOVEMBER 22, 2016 AT 2:00 P.M.
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: **A or C34 or C42**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** 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>6.5%</b>
2. ELBE participation	<b>15.8%</b>
3. Total mandatory participation	<b>22.3%</b>

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

- 7.1.1.** Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; **OR**
- 7.1.2.** 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: October 27, 2016**

**Time: 11: 00 A.M.**

**Location: 1010 Second Avenue, Suite 1400(14<sup>th</sup> floor Large Conf. Room), San Diego, CA 92101**

Attendance at the Pre-Submittal 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. All 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.

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- 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™](#).

### 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 in 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	Docu ment
Standard Specifications for Public Works Construction ("The GREENBOOK") <a href="http://www.greenbookspecs.org/">http://www.greenbookspecs.org/</a>	2015	PWPI07011-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* <a href="http://www.sandiego.gov/publicworks/edocref/greenbook.shtml">http://www.sandiego.gov/publicworks/edocref/greenbook.shtml</a>	2015	PWPI07011-02
City of San Diego Standard Drawings* <a href="http://www.sandiego.gov/publicworks/edocref/standarddraw/">http://www.sandiego.gov/publicworks/edocref/standarddraw/</a>	2016	PWPI07011-03
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 Pledge of Compliance.

26.4 The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.

- 26.5 Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 26.6 The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 26.7 The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

**27. PRE-AWARD ACTIVITIES:**

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



## PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

---

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

Burtech Pipeline Incorporated, a corporation, as principal, and NORTH AMERICAN SPECIALTY INSURANCE COMPANY, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of Three Million Three Hundred Sixty Thousand Nine Hundred Seventy Six Dollars and Fifty Cents (\$3,360,976.50), for the faithful performance of the annexed contract, and in the sum of Three Million Three Hundred Sixty Thousand Nine Hundred Seventy Six Dollars and Fifty Cents (\$3,360,976.50), for the benefit of laborers and materialmen designated below.

#### Conditions:

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

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

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

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


**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 DECEMBER 29, 2016

Approved as to Form

BURTECH PIPELINE, INCORPORATED  
Principal

By \* 

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

NORTH AMERICAN  
SPECIALTY INSURANCE COMPANY  
Surety

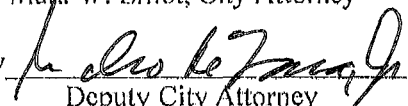
By   
MARK D. IATAROLA,  
Attorney-in-fact

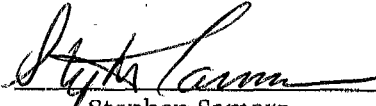
6 HUTTON CENTRE DRIVE, SUITE 850  
Local Address of Surety

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

714/550-7799  
Local Telephone No. of Surety

Premium \$ 22,958.00 PREMIUM IS FOR CONTRACT TERM  
AND IS SUBJECT TO ADJUSTMENT  
BASED ON FINAL CONTRACT PRICE  
Bond No. 2252104

Mara W. Elliot, City Attorney  
By   
Deputy City Attorney

By:   
Stephen Samara  
Principal Contract Specialist  
Public Works Department

# California Acknowledgment Form

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

State of California  
County of San Diego } ss.

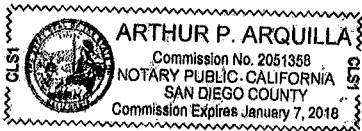
On 1/4/17 before me, Arthur P. Arquilla, Notary Public  
(here insert name and title of the officer)  
personally appeared Dominic Butsch

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

Seal

WITNESS my hand and official seal.



Arthur P. Arquilla  
Signature of Notary

## Optional Information

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

Document Title: \_\_\_\_\_ # of Pages: \_\_\_\_\_

## Notes

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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

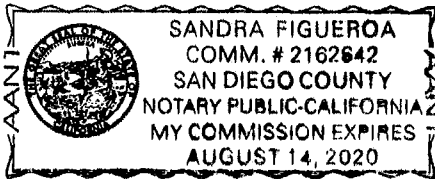
State of California )  
County of SAN DIEGO )

On 12/29/2016 before me, SANDRA FIGUEROA, NOTARY PUBLIC,  
*Date Here Insert Name and Title of the Officer*  
personally appeared MARK D. IATAROLA  
*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.



Signature Sandra Figueroa  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

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

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

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

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

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

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

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

and MARK D. IATAROLA

JOINTLY OR SEVERALLY

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

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

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

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



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



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

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

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

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



M. Kenny, Notary Public

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

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 29th day of DECEMBER, 2016.

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

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

## SCOPE OF WORK

1. **SCOPE OF WORK:** The proposed scope of work for this project includes approximately 7.1 miles of existing VC sewer mains which have been identified as candidates for rehabilitation per Public Utilities Department's standards. The project also includes point repairs, manhole replacement, manhole rehabilitation, sewer main cleanouts, assessment of all sewer laterals by CCTV, and rehabilitation of existing sewer laterals and installation of cleanouts at property line, if needed.

1.1 The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Bids and GIS maps.

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

See Location Map, Appendix E.

3. **CONTRACT TIME:** The Contract Time for completion of the Work, including the Plant Establishment Period, shall be **200 Working Days**.

3.1. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid, appropriate licenses at the time that the Bid is submitted. Failure to possess the specified licenses may render the Bid as **non-responsive** and ineligible for award.

3.2. The City has determined that the following licensing classifications are required for this contract:

Option	Classifications
1	CLASS A
3	CLASS C34
4	CLASS C42

3.3. 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.



**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") currently in effect.
- 2) The **2015 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK").
  - a) 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**.

- b) General Provisions (A) for all Contracts.

### **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 50% of the base Bid.
2. The self performance percentage requirement will be waived for this Contract.

- 2-14.3 Coordination.** To the City Supplement, ADD the following:

2. Other adjacent City project(s) is (are) scheduled for construction for the same time period in the vicinity. See Appendix "F" for approximate location. Coordinate the Work with the adjacent project(s) as listed below:
  - a) 2011 UUP Street Maintenance Block 3-FF, Project Manager, Dayue Zhang, 619-533-7409
  - b) Sewer Group 703A, Project Manager, Regan Owen, 619-533-5205
  - c) Sewer & Water Group 940, Project Manager, Joe Myers, 619-533-6632
  - d) Water Group 616, Project Manager, Joe Meyers, 619-533-6632
  - e) Sewer Group 784, Project Manager, Mahmoud Oriqat, 619-533-5232

- f) Residential Block 701, Project Manager, Mario Reyes, 619-533-7426
- g) Slurry Seal Group 1405, Project Manager, Ihklass Shamoun, 619-527-7511
- h) Slurry Seal Group 1502, Project Manager, Ihklass Shamoun, 619-527-7511
- i) Seminole Drive (Phase I), Project Manager, Mario Reyes, 619-533-7426
- j) AC Overlay Group 1601, Project Manager, Ihklass Shamoun, 619-527-7511
- k) AC Overlay 1506-JOC2, Project Manager, Ihklass Shamoun, 619-527-7511
- l) Seminole Drive UUD, Project Manager, Jie Xiao, 619-533-5496

**2-16** **CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM.** To the City Supplement, item 1, DELETE in its entirety.

#### **SECTION 4 - CONTROL OF MATERIALS**

**4-1.3.5** **Special Inspection.** To the City Supplement, ADD the following:

- 5. The payment for special inspection Work specified under this section shall be paid in accordance with 4-1.3.4.1, "Payment".

**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 less than 15 Working Days prior to the Bid due date** 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 "I" 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 AG-1**, Project No. **B-14118**, as referenced in the Contract Appendix. You shall comply with all requirements of the Notice of Exemption as set forth in **Appendix A**.
2. Compliance with the City's environmental document shall be included in the Contract Price, unless separate bid items have been provided.

### 6-7 TIME OF COMPLETION. To the City Supplement, ADD the following:

2. You shall complete liner installation of 4.0 miles of sewer mains and the lateral reinstatements as verified by the Engineer by 6/30/2017. 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.

### 6-8.3 Warranty. To the City Supplement, item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Warranty and repair all defective materials and workmanship for a period of 1 year. This call back warranty period shall start on the date that the Work was accepted by the City. Additionally, you shall warranty the Work against all latent and patent defects for a period of 10 years.

### 6-8.3.1 Defective Work. To the City Supplement, item 6, DELETE in its entirety and SUBSTITUTE with the following:

6. For Building Projects which require a certificate of occupancy, not including sewer and water facilities, if you fail to correct the defective Work listed on the City's Punchlist within 45 Days after the Contract Time, you shall reimburse the City for all costs to provide inspection services required to monitor Work

beyond the 45 Days. The City shall bill you for the additional inspection at the City's established rates.

## **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.

**7-3.3 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.

**7-3.6 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.

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

2. The City will obtain, at no cost to you, the following permits:
  - a) Permit to do work on Private Property

**7-8.1 General.** To the City Supplement, ADD the following:

2. Use a PM-10 certified self-loading motorized street sweeper equipped with a functional water spray system for this project.

**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 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.

**302-7.4 Payment.** To the City Supplement, item 1, last sentence, DELETE in its entirety and SUBSTITUTE with the following:

Payment shall not be made for additional fabric for overlapped areas.

## **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
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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 "Repair Existing 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 "Repair Existing Manhole" and shall include the installation of the lining system, surface preparation and repairs, and performance testing.

**SECTION 700 – MATERIALS**

**700-9.1 Pedestrian Barricade.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

3. Pedestrian barricades shall be constructed in accordance with the City of San Diego Standard Drawing SDE-103, "Pedestrian Barricade".
4. Curb ramp barricades shall be constructed in accordance with the City of San Diego Standard Drawing SDG-140, "Curb Ramp Barricade".
5. Assembly shall be commercial quality galvanized material.

## SECTION 701 - CONSTRUCTION

**701-2**      **PAYMENT.** To the City Supplement, ADD the following:

19.      The payment for Pedestrian Barricades shall be included in the Bid item for each "Pedestrian Barricade".
20.      The payment for Curb Ramp Barricades shall be included in the Bid item for each "Curb Ramp Barricade".

### **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 92101-2422

FROM: CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
525 B STREET, SUITE 750, MS 908A
SAN DIEGO, CA 92101

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

PROJECT/WBS No.: B-14118.02.06

PROJECT TITLE: Pipeline Rehabilitation AG-1

PROJECT LOCATION-SPECIFIC: Along Toyon Road, Toyoff Way, Yerba Anita Drive, Yerba Anita Way, College Gardens Court, Lucille Drive, Janet Place, Patricia Place, Lorraine Drive, Lila Drive, Caroline Drive, Louise Drive, 49th Street, Winona Avenue, 54th Street, New Mills Road, Redland Place, Redland Drive, 55th Street, 59th Street, West Falls View Drive, East Falls View Drive, Adobe Drive, 62nd Street, Hobart Street, Stewart Street, Rose Street, Mesita Drive, Catocin Drive, Choctaw Drive, Seminole Drive, Estelle Street, Madeline Street, Acorn Street, Stanley Avenue, Bradford Street, Marraco Drive, Revillo Way, Revillo Drive, Art Street, 63rd Street, and in the following project sections in urbanized areas outside of the public right-of-way: along the southwesterly property lines of 5108 East Falls View Drive and 5127 East Falls View Drive; in the backyards of single family residential parcels between East Falls View Drive and 63rd Street; along the westerly property line of 6310 Mesita Drive; between Maisel Way and Redland Way through the properties located at 5447 Maisel Way and 5402 Redland Place; in the backyards of single family residences between 63rd Street, Art Street, and 64th Street; along the southerly property lines of 4804 62nd Street and the Beth Jacob Congregation Center at 4855 College Avenue; along the backyards of properties on El Cajon Boulevard, between 63rd Street and Art Street; along the northerly boundary of 6402 El Cajon Boulevard and over to 6474 El Cajon Boulevard; 6354 El Cajon Boulevard along the back of the property; and along the backyard property lines on both sides of Madeline Street from Estelle Street to 62nd Street. Within the College, Mid-City Kensington-Talmadge, and Mid-City Eastern community planning areas (Council District 9).

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

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: Pipeline Rehab AG-1 would consist of trenchless rehabilitation of approximately 7.1 miles of existing 8-inch deteriorated sewer mains, point repairs in pipes found to be beyond rehabilitation, reconnection of service laterals, rehabilitation, replacement, and repair of manholes, and installation of cleanouts to the existing sewer pipelines and perform point repairs. Excavation for any main replacement and/or necessary point repairs would be confined to the existing trenches, and would not encroach into undisturbed soils.

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,
Contact: Hung Huynh; Ph: (619) 235-1979
525 B Street, Suite 750, San Diego, CA 92101

EXEMPT STATUS: (CHECK ONE)

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

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an environmental review and determined the project meets the categorical exemption criteria set forth in the CEQA State Guidelines §15301(B) [EXISTING FACILITIES], which allows for the repair and maintenance of existing public facilities, including publicly owned utilities, involving negligible or no expansion of the use beyond that existing at the time of the lead agency's determination; §15302(C) [REPLACEMENT OR RECONSTRUCTION], which allows for the replacement or reconstruction of existing utility systems, where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the

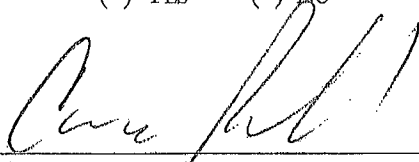
structure replaced; and where the exceptions listed in CEQA Guidelines §15300.2 would not apply. This project would not impact sensitive resources.

LEAD AGENCY CONTACT PERSON: JUAN BALIGAD, SENIOR PLANNER

TELEPHONE: (619) 533-5473

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



CARRIE PURCELL, PRINCIPAL PLANNER

12/23/15  
DATE

CHECK ONE:

- SIGNED BY LEAD AGENCY  
 SIGNED BY APPLICANT

DATE RECEIVED FOR FILING AT 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>
<b>SUBJECT  FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)</b>	<b>PAGE 5 OF 10</b>	<b>EFFECTIVE DATE  October 15, 2002</b>
	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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>
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	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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

#### 4.7 Relocation of Existing Fire Hydrant Meters

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

#### 4.8 Disconnection of Fire Hydrant Meter

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

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for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

6.1 Mobile meters will be allowed on a case by case basis. All mobile meters will be protected by an approved backflow assembly and the minimum requirement will be a Reduced Pressure Principal Assembly. The two types of Mobile Meters are vehicle mounted and floating meters. Each style of meters has separate guidelines that shall be followed for the customer to retain service and are described below:

- a) **Vehicle Mounted Meters:** Customer applies for and receives a City owned Fire Hydrant Meter from the Meter Shop. The customer mounts the meter on the vehicle and brings it to the Meter Shop for

<b>CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS</b>	<b>NUMBER DI 55.27</b>	<b>DEPARTMENT Water Department</b>
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inspection. After installation is approved by the Meter Shop the vehicle and meter shall be brought to the Meter Shop on a monthly basis for meter reading and on a quarterly basis for testing of the backflow assembly. Meters mounted at the owner's expense shall have the one year contract expiration waived and shall have meter or backflow changed if either fails.

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

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

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

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

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	<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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	<b>SUPERSEDES DI 55.27</b>	<b>DATED April 21, 2000</b>

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

**Larry Gardner  
Water Department Director**

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

#### **APPENDIX**

**Administering Division:** Customer Support Division

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

**Distribution:** DI Manual Holders



# Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

## Meter Information

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

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

## 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: ( )

City Meter	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%	\$ -
					\$ -		\$ -		\$ -	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**

PREDESIGN LOCATION MAP

**PIPELINE REHABILITATION AG-1**



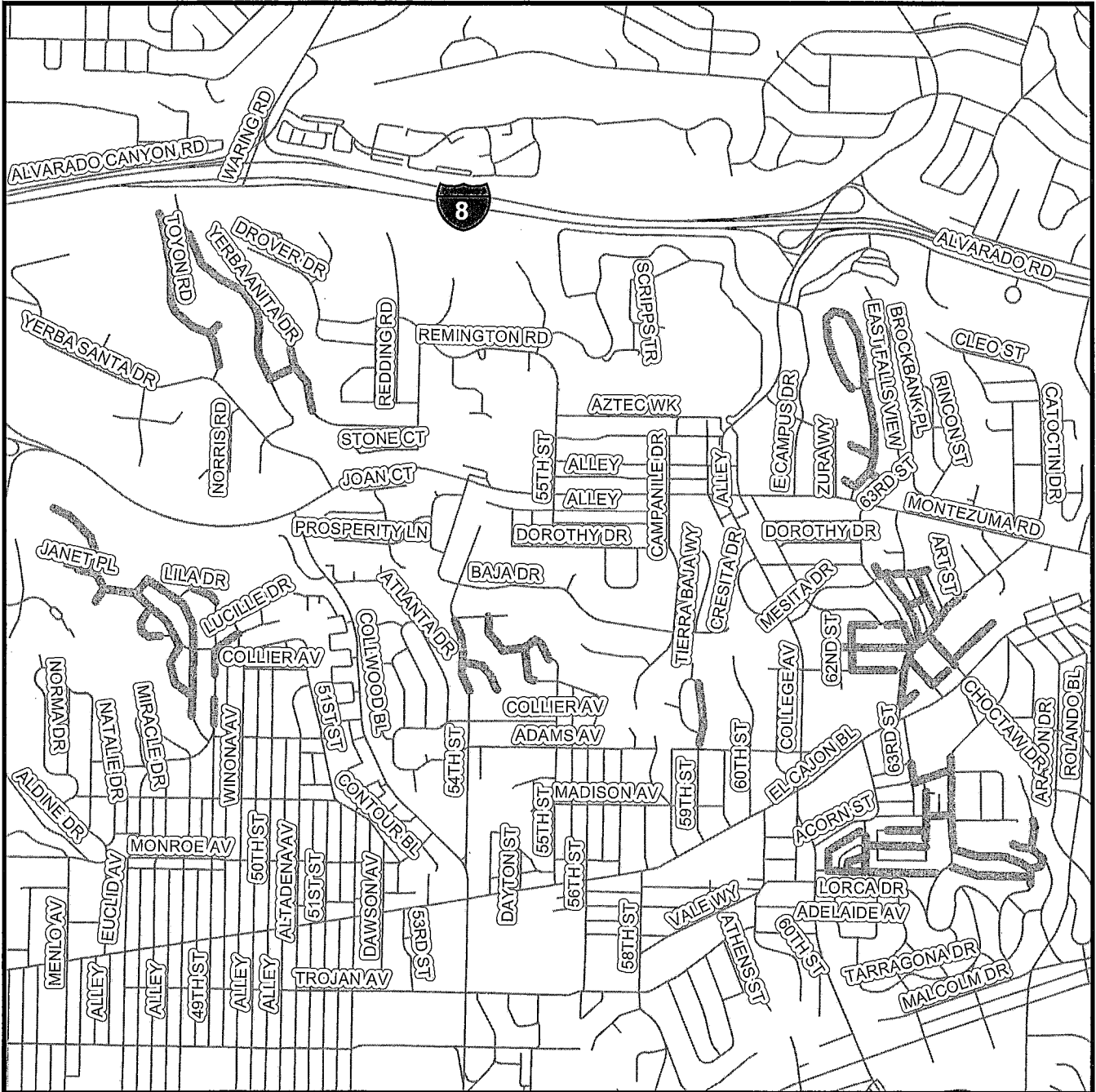
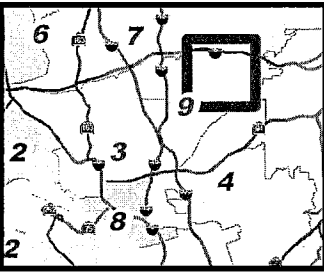
PROJECT IMPLEMENTATION SECTION

PREDESIGN SENIOR ENGINEER  
ALEX GARCIA  
(619)-533-3634

PREDESIGN PROJECT MANAGER  
MARK GIANDONI  
619-533-4434

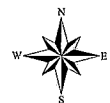
PREDESIGN PROJECT ENGINEER  
HENRY GIMUTAO  
619-533-3408

PREDESIGN DRAFTER  
STEVE BLANTZ  
619-533-3486



**Legend**

Pipeline Rehabilitation AG-1



No Scale

File Path: S:\PITS\PITS-CIP-Preliminary-Engineering-and-Program-Coordination\Drafting\Water & Sewer Projects\Sewer Projects\Pipeline Rehabilitation AG-1\CIP Tracking\Location Maps

Community Name: College Area, Mid-City Kensington-Talmadge,  
Mid City Eastern Area

Council District: 9

SAP ID# B14118

Date: 5-7-2014  
Pipeline Rehabilitation AG-1 - Appendix E - Location Map (Rev. Sept. 2016)

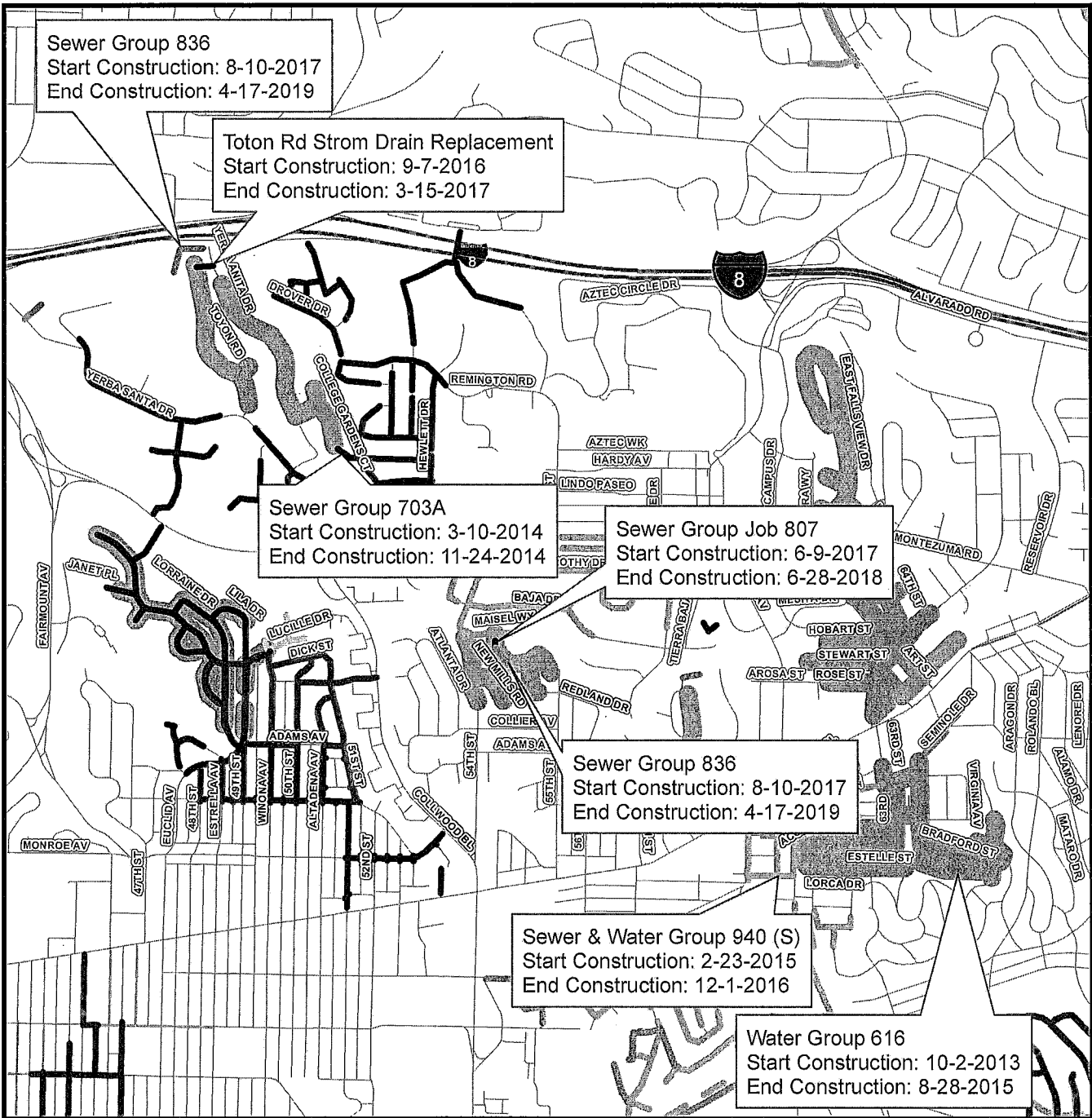


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**APPENDIX F**  
**ADJACENT PROJECTS**

PREDESIGN PROJECT COORDINATION MAP  
**PIPELINE REHABILITATION AG-1**

Map 1 of 2



**Legend**

- Pipeline Rehabilitation AG-1
- Sewer Group Job 807
- Pipeline Rehabilitation N-1
- Sewer & Water Group 940 (S)
- Sewer Group 703A
- Sewer Group 836
- Water Group 616
- High Priority AC Water Mains
- Water & Sewer group Job 956 (S)
- Jean Drive Storm Drain Replacement
- Toton Rd (5655) Storm Drain Replacement
- 2011 UUP Street Maintenance Residential Project Block 3-FF



File Path: S:\PITS\PITS-CIP-Preliminary-Engineering-and-Program-Coordination\Drafting\Water & Sewer Projects\Sewer Projects\Pipeline Rehabilitation AG-1\CIP Tracking\Project Coordination Map

Date: 8-20-2014



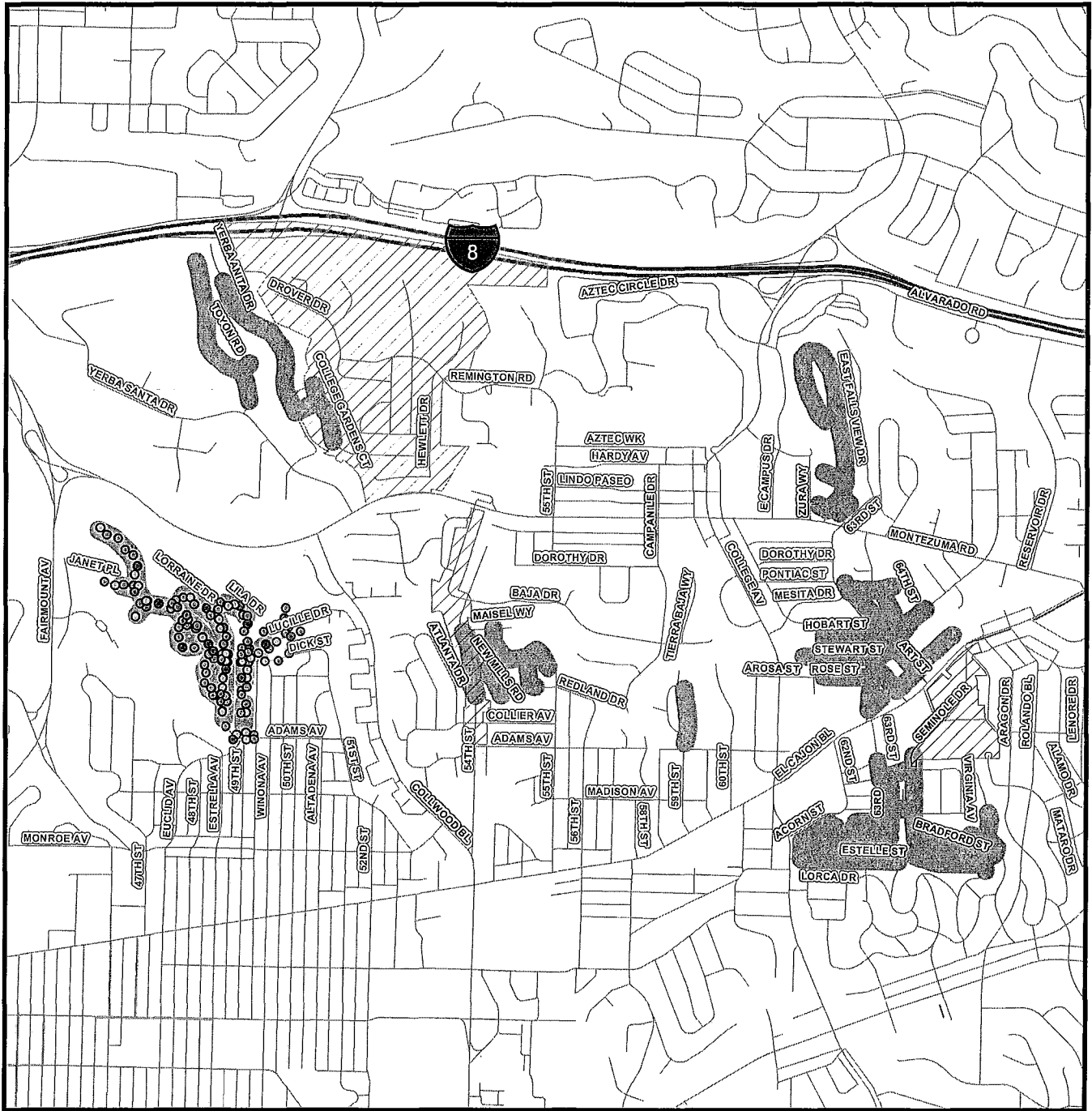
SAP ID# B14118

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PREDESIGN PROJECT COORDINATION MAP  
**PIPELINE REHABILITATION AG-1**

Map 2 of 2



**Legend** Pipeline Rehabilitation AG-1

- Monroe Avenue - Street Light Design
- Talmadge Historic Gates
- Talmadge Series Circuit Upgrades
- 2009 Curb Ramp List-UUP (BBD 114)
- Block 3EE - El Cajon-Talmadge - Street Light Design

TALMADGE STREETScape & LIGHTING ZONE 2 - WEST (SUBLET)

UNDERGROUNDING

- 54th Street
- Residential Project Block 701
- Seminole Drive



No Scale

File Path: S:\PITS\SPITS-CIP-Preliminary-Engineering-and-Program-Coordination\Drafting\Water & Sewer Projects\Sewer Projects\Pipeline Rehabilitation AG-1\CIP Tracking\Project Coordination Map

Date: 8-20-2014



CITY OF SAN DIEGO  
**PUBLICWORKS**  
 DEPARTMENT  
 PROJECT IMPLEMENTATION SECTION

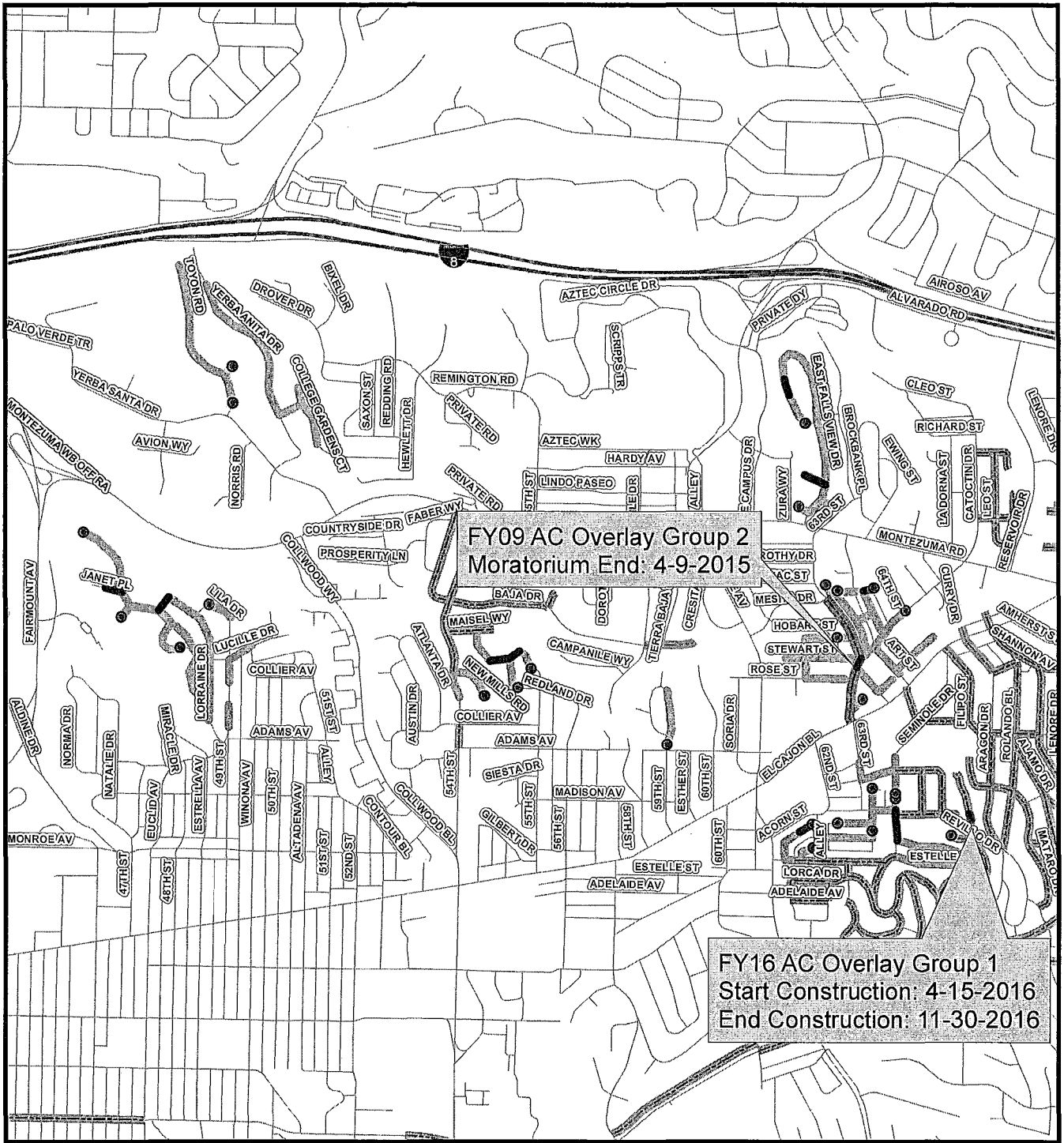
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PREDESIGN PAVING CONFLICT MAP  
**PIPELINE REHABILITATION AG-1**



<b>Legend</b>	<ul style="list-style-type: none"> <li>Overlay Moratorium - Yes</li> <li>Overlay Projects - Yes</li> <li>Slurry Moratorium - No</li> <li>Slurry Projects - No</li> <li>IMCAT Check - Yes</li> </ul>	<p>No Scale</p>
<ul style="list-style-type: none"> <li> Pipeline Rehabilitation AG-1</li> <li> FY16 AC Overlay Group 1</li> <li> Install New Cleanout</li> <li> FY09 AC Overlay Group 2</li> <li> Point Repair</li> </ul>		

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## APPENDIX G

### SEWER MAINS AND MANHOLE REHABILITATION SAMPLE DATA TEMPLATES



### REHAB DATA COLLECTION - MANHOLES

MH FSN	REHAB DATE	LINING TYPE	LINING MATERIAL VENDOR	LINING SYSTEM	REHAB CONTRACTOR	RIM ELEVATION	INVERT ELEVATION	ACTUAL DEPTH (VF)	COMMENTS
70536	3/28/2007	POLYURETHANE	ZEBRON	ZEBRON 386	ZEBRON CORPORATION	49.8	41.95	7	Leave this row as a sample.

## APPENDIX H

### OVERALL PROJECT SCOPE OF WORK TABLE AND SITE MAPS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	<b>Pipeline Rehabilitation AG-1</b>																	
2	FSN	US FIELD BOOK PAGE	US MH	DS FIELD BOOK PAGE	DS MH	INSTALLED DATE	LENGTH	SIZE	MATERIAL	SLOPE %	MAX d/D	LATERALS	ACTION	THOMAS BRO	STREET NAME	COMMUNITY	COUNCIL DISTRICT	REMARKS
3	58405	L17S	416	L17S	415	1/1/1952	140	8	VC	0.4	23.06	2	REHAB	1270D2	CATOCTIN	COLLEGE	9	
4	43571	J16S	PLUG	J16S	190	7/1/1952	140	8	VC	0.4	5.4	1	REHAB	1269J1	TOYOFF	COLLEGE	9	ADD CLEAN OUT
5	43817	J17S	266	J17S	265	2/28/1947	231	8	VC	0.4	24.3	8	REHAB	1269J3	LORRAINE	KENSINGTON-TALMADGE	9	
6	43818	J17S	267	J17S	266	2/28/1947	265	8	VC	0.4	16.1	5	REHAB	1269J3	LOUISE	KENSINGTON-TALMADGE	9	
7	43819	J17S	268	J17S	267	2/28/1947	351	8	VC	0.4	14.7	7	REHAB	1269J3	LOUISE	KENSINGTON-TALMADGE	9	
8	43821	J17S	306	J17S	269	2/28/1947	277	8	VC	0.4	15.2	8	REHAB	1269J3	LORRAINE	KENSINGTON-TALMADGE	9	
9	43823	J17S	271	J17S	620	1/23/1947	284	8	VC	0.4	28.5	10	REHAB	1270A3	49TH	KENSINGTON-TALMADGE	9	
10	43825	J17S	286	J17S	272	5/17/1945	287	8	VC	0.4	26.9	6	REHAB	1269J2	49TH	KENSINGTON-TALMADGE	9	
11	43839	J17S	289	J17S	286	5/17/1945	321	8	VC	0.4	19.7	1	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
12	43842	J17S	296	J17S	295	5/17/1945	123	8	VC	0.4	14.5	1	REHAB	1269J2	LILA	KENSINGTON-TALMADGE	9	
13	43843	J17S	PLUG	J17S	296	5/17/1945	214	8	VC	0.4	11.3	6	REHAB	1269J2	LILA	KENSINGTON-TALMADGE	9	ADD MANHOLE
14	43844	J17S	CO	J17S	304	5/17/1945	204	8	VC	0.4	7.4	6	REHAB	1269J2	LORRAINE	KENSINGTON-TALMADGE	9	
15	43852	J17S	316	J17S	307	2/28/1947	307	8	VC	0.4	10.2	8	REHAB	1269J3	LUCILLE	KENSINGTON-TALMADGE	9	
16	43853	J17S	CO	J17S	316	2/28/1947	170	8	VC	0.4	7.3	8	REHAB	1269J3	LUCILLE	KENSINGTON-TALMADGE	9	
17	43854	J17S	304	J17S	305	5/17/1945	286	8	VC	0.4	11.5	9	REHAB	1269J3	LORRAINE	KENSINGTON-TALMADGE	9	
18	43855	J17S	305	J17S	306	2/28/1947	252	8	VC	0.4	13.4	7	REHAB	1269J3	LORRAINE	KENSINGTON-TALMADGE	9	
19	51016	K17S	210	K17S	209	3/7/1952	88	8	VC	0.4	10.8	3	REHAB	1270B3	55TH	COLLEGE	9	
20	51018	K17S	PLUG	K17S	210	3/7/1952	197	8	VC	0.4	12.2	6	REHAB	1270B3	55TH	COLLEGE	9	ADD CLEAN OUT
21	51161	K17S	402	K17S	450	3/7/1952	359	8	VC	0.4	13.3	9	REHAB	1270B3	REDLAND	COLLEGE	9	
22	51169	K17S	414	K17S	415	1/1/1968	142	8	VC	0.4	11.7	4	REHAB	1270B3	NEW MILLS	COLLEGE	9	
23	58341	L17S	PLUG	L17S	371	6/14/1951	142	8	VC	0.4		1	POINT REPAIR/REHAB	1270C2	MESITA	COLLEGE	9	ADD CLEAN OUT
24	58342	L17S	368	L17S	371	6/14/1951	220	8	VC	0.4	12.18	5	REHAB	1270C2	MESITA	COLLEGE	9	
25	58343	L17S	373	L17S	390	6/14/1951	228	8	VC	0.4	13.3	7	REHAB	1270C2	EASEMENT	COLLEGE	9	BACKYARD
26	58359	L17S	390	L17S	391	6/14/1951	210	8	VC	0.4	13.3	7	REHAB	1270C2	EASEMENT	COLLEGE	9	
27	58360	L17S	371	L17S	392	6/14/1951	311	8	VC	0.4		8	REHAB	1270C2	EASEMENT	COLLEGE	9	BACKYARD
28	58361	L17S	392	L17S	389	6/14/1951	224	8	VC	0.4	17.3	4	REHAB	1270D2	EASEMENT	COLLEGE	9	SIDEYARD EASEMENT
29	58362	L17S	391	L17S	389	6/14/1951	27	8	VC	0.4	17.3	0	REHAB	1270C2	EASEMENT	COLLEGE	9	BACKYARD
30	58370	L17S	412	L17S	411	1/1/1952	400	8	VC	0.4	38.73	8	REHAB	1270C3	STEWARDS	COLLEGE	9	
31	58371	L17S	411	L17S	409	1/1/1952	166	8	VC	0.4	40.47	0	REHAB	1270C3	EASEMENT	COLLEGE	9	
32	58396	L17S	413	L17S	412	1/1/1952	310	8	VC	0.4	37.97	5	REHAB	1270D3	STEWARDS	COLLEGE	9	
33	58399	L17S	394	L17S	414	6/14/1951	233	8	VC	0.4	21.2	5	REHAB	1270C2	EASEMENT	COLLEGE	9	BACKYARD
34	58400	L17S	389	L17S	394	6/14/1951	201	8	VC	0.4	18	5	REHAB	1270C2	EASEMENT	COLLEGE	9	
35	58403	L17S	419	L17S	554	1/1/1952	230	6	VC	0.4	21.5	6	REHAB	1270D2	EASEMENT	COLLEGE	9	
36	58406	L17S	477	L17S	416	1/1/1952	240	8	VC	0.4	16.62	2	REHAB	1270D2	CATOCTIN	COLLEGE	9	
37	58407	L17S	393	L17S	392	6/14/1951	250	8	VC	0.4		9	REHAB	1270C2	EASEMENT	COLLEGE	9	BACKYARD
38	58408	L17S	PLUG	L17S	477	1/1/1952	224	8	VC	0.4	15.23	4	REHAB	1270D2	CATOCTIN	COLLEGE	9	ADD MANHOLE
39	58410	L17S	476	L17S	417	1/1/1952	378	8	VC	0.4	18.09	5	REHAB	1270D2	EASEMENT	COLLEGE	9	
40	58452	L17S	415	L17S	414	1/1/1952	128	8	VC	0.4	27.12	2	REHAB	1270D2	CATOCTIN	COLLEGE	9	
41	58666	L18S	PLUG	L18S	303	1/1/1960	110	8	VC	0.4		4	REHAB	1270D3	ALLEY	EASTERN AREA	9	ADD CLEAN OUT
42	58668	L18S	307	L18S	300	1/1/1960	300	8	VC	0.4	12.2	8	REHAB	1270C3	ESTELLE	EASTERN AREA	9	
43	58672	L18S	304	L18S	354	1/1/1960	163	8	VC	0.4		2	REHAB	1270D3	63RD	EASTERN AREA	9	
44	58673	L18S	303	L18S	304	1/1/1960	300	8	VC	0.4		5	REHAB	1270D3	ALLEY	EASTERN AREA	9	
45	58674	L18S	PLUG	L18S	304	1/1/1960	110	8	VC	0.4		3	REHAB	1270D3	63RD	EASTERN AREA	9	ADD CLEAN OUT
46	58675	L18S	310	L18S	307	1/1/1960	210	8	VC	0.4	8.7	8	REHAB	1270C3	ESTELLE	EASTERN AREA	9	
47	58718	L18S	350	L18S	359	1/1/1960	270	8	VC	0.4		3	REHAB	1270D3	STANLEY	EASTERN AREA	9	
48	58720	L18S	354	L18S	315	1/1/1960	300	8	VC	0.4		2	REHAB	1270D3	ACORN	EASTERN AREA	9	
49	58723	L18S	357	L18S	360	11/9/1956	194	8	VC	0.4		3	REHAB	1270D3	SEMINOLE	EASTERN AREA	9	
50	58725	L18S	360	L18S	361	11/9/1956	150	8	VC	0.4		1	REHAB	1270D3	SEMINOLE	EASTERN AREA	9	
51	58888	L18S	349	L18S	350	1/1/1960	240	8	VC	0.4		2	REHAB	1270D3	63RD	EASTERN AREA	9	
52	58386	L17S	423	L17S	424	1/1/1952	360	8	VC	0.5	11.61	13	REHAB	1270C3	ROSE	COLLEGE	9	
53	58394	L17S	421	L17S	420	1/1/1952	173	8	VC	0.5	14.1	2	REHAB	1270D2	63RD	COLLEGE	9	
54	58401	L17S	417	L17S	415	1/1/1952	409	8	VC	0.5	23.06	9	REHAB	1270D2	ART	COLLEGE	9	
55	58404	L17S	PLUG	L17S	417	1/1/1952	51	6	VC	0.5	19.3	0	REPLACE	1270D2	ART	COLLEGE	9	UPSIZING TO 8-in, ADD C.O.
56	58662	L18S	300	L18S	293	1/1/1960	300	8	VC	0.5	13.8	9	REHAB	1270C3	ESTELLE	EASTERN AREA	9	
57	43798	J17S	214	J17S	213	3/12/1952	200	8	VC	0.6	9	2	POINT REPAIR/REHAB	1269J2	JANET	KENSINGTON-TALMADGE	9	
58	43848	J17S	312	J17S	314	4/10/1951	204	8	VC	0.6	10.7	2	REHAB	1269J2	CAROLINE	KENSINGTON-TALMADGE	9	
59	43849	J17S	311	J17S	312	4/10/1951	96	8	VC	0.6	10.3	5	REHAB	1269J2	CAROLINE	KENSINGTON-TALMADGE	9	
60	43850	J17S	310	J17S	311	4/10/1951	101	8	VC	0.6	8.2	3	REHAB	1269J2	CAROLINE	KENSINGTON-TALMADGE	9	
61	58392	L17S	438	L17S	421	1/1/1952	386	8	VC	0.6	13.5	9	REHAB	1270D2	63RD	COLLEGE	9	
62	58402	L17S	554	L17S	420	1/1/1952	405	8	VC	0.6	19.13	8	REHAB	1270D2	CHOCTAW	COLLEGE	9	
63	58664	L18S	PLUG	L18S	287	1/1/1960	100	8	VC	0.6	7.5	2	REHAB	1270C3	62ND	EASTERN AREA	9	ADD CLEAN OUT
64	51019	K17S	PLUG	K17S	402	3/7/1952	73	8	VC	0.7	12.4	2	REHAB	1270B3	REDLAND	COLLEGE	9	ADD CLEAN OUT
65	58397	L17S	414	L17S	413	1/1/1952	120	8	VC	0.7	35.82	1	REHAB	1270D2	CATOCTIN	COLLEGE	9	
66	58398	L17S	395	L17S	413	1/1/1952	200	8	VC	0.7	35.82	5	REHAB	1270D2	63RD	COLLEGE	9	
67	58663	L18S	287	L18S	293	1/1/1960	300	8	VC	0.7	23.7	2	REHAB	1270C3	62ND	EASTERN AREA	9	
68	58665	L18S	301	L18S	287	1/1/1960	352	8	VC	0.7	22.3	8	REHAB	1270D3	MADELINE	EASTERN AREA	9	
69	58057	L17S	46	L17S	50	3/12/1952	239	8	VC	0.8	12.4	7	REHAB	1270C2	EAST FALL VIEW	COLLEGE	9	
70	58062	L17S	56	L17S	55	3/12/1952	290	8	VC	0.8	14.2	6	POINT REPAIR/REHAB	1270C2	EAST FALL VIEW	COLLEGE	9	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Pipeline Rehabilitation AG-1																	
2	FSN	US FIELD BOOK PAGE	US MH	DS FIELD BOOK PAGE	DS MH	INSTALLED DATE	LENGTH	SIZE	MATERIAL	SLOPE %	MAX d/D	LATERALS	ACTION	THOMAS BRO	STREET NAME	COMMUNITY	COUNCIL DISTRICT	REMARKS
71	58667	L18S	306	L18S	301	1/1/1960	353	8	VC	0.8	16.5	10	REHAB	1270D3	MADLINE	EASTERN AREA	9	
72	43796	J17S	PLUG	J17S	212	3/12/1952	185	8	VC	1	6.6	6	REHAB	1269J2	PATRICIA	KENSINGTON-TALMADGE	9	ADD CLEAN OUT
73	58066	L16S	63	L16S	481	3/12/1952	300	8	VC	1	15.9	9	REHAB	1270C1	EAST FALL VIEW	COLLEGE	9	
74	58339	L17S	PLUG	L17S	375	6/14/1951	111	8	VC	1	10.5	3	REHAB	1270D2	EASEMENT	COLLEGE	9	ADD CLEAN OUT
75	58340	L17S	PLUG	L17S	373	6/14/1951	45	8	VC	1	12.2	2	REHAB	1270D2	MESITA	COLLEGE	9	ADD CLEAN OUT
76	58344	L17S	375	L17S	373	6/14/1951	47	8	VC	1	12.2	0	REHAB	1270C2	MESITA	COLLEGE	9	
77	58387	L17S	PLUG	L17S	423	1/1/1952	141	6	VC	1	16.38	6	REPLACE	1270C3	ROSE	COLLEGE	9	UPSIZING TO 8-IN, ADD C.O.
78	58391	L17S	PLUG	L17S	438	1/1/1952	205	8	VC	1	17.8	3	REHAB	1270D2	EASEMENT	COLLEGE	9	ADD CLEAN OUT
79	58655	L18S	PLUG	L18S	283	1/24/1951	187	8	VC	1	5.4	8	POINT REPAIR/REHAB	1270C4	EASEMENT	EASTERN AREA	9	ADD CLEAN OUT
80	58682	L18S	323	L18S	328	1/1/1961	223	8	VC	1		8	REHAB	1270D3	REVILLO	EASTERN AREA	9	
81	58691	L18S	331	L18S	335	11/14/1952	224	8	VC	1		7	REHAB	1270D3	BRADFORD	EASTERN AREA	9	
82	58692	L18S	335	L18S	337	11/14/1952	108	8	VC	1		2	REHAB	1270D4	BRADFORD	EASTERN AREA	9	
83	58061	L17S	55	L17S	57	3/12/1952	300	8	VC	1.1	14.5	7	REHAB	1270C2	EAST FALL VIEW	COLLEGE	9	
84	58065	L16S	PLUG	L16S	496	3/12/1952	123	8	VC	1.1	11.9	4	REHAB	1270C1	WEST FALL VIEW	COLLEGE	9	ADD CLEAN OUT
85	57974	L16S	482	L16S	482	3/12/1952	240	8	VC	1.2	16.5	8	REHAB	1270C1	EAST FALL VIEW	COLLEGE	9	
86	57981	L16S	481	L16S	482	3/12/1952	300	8	VC	1.2	16.7	9	REHAB	1270C1	EAST FALL VIEW	COLLEGE	9	
87	58063	L17S	57	L17S	61	3/12/1952	260	8	VC	1.2	14.6	9	REHAB	1270C2	EAST FALL VIEW	COLLEGE	9	
88	50811	K16S	261	K16S	260	1/1/1964	220	8	VC	1.4	3.8	6	REHAB	1270A2	COLLEGE GARDENS	COLLEGE	9	
89	58059	L17S	51	L17S	50	3/12/1952	137	8	VC	1.4	12.4	1	REHAB	1270C2	EASEMENT	COLLEGE	9	SIDEYARD EASEMENT
90	58064	L16S	61	L16S	63	3/12/1952	235	8	VC	1.4	15.7	7	REHAB	1270C1	EAST FALL VIEW	COLLEGE	9	
91	58724	L18S	359	L18S	360	1/1/1960	188	8	VC	1.4		1	REHAB	1270D3	STANLEY	EASTERN AREA	9	
92	43797	J17S	212	J17S	213	3/12/1952	200	8	VC	1.5	16.3	3	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
93	43759	J17S	199	J17S	144	9/1/1953	350	8	VC	1.6	13.3	9	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
94	43795	J17S	299	J17S	212	3/12/1952	371	8	VC	1.6	14.7	10	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
95	43847	J17S	314	J17S	299	3/12/1952	228	8	VC	1.6	9.7	5	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
96	57980	L16S	489	L16S	488	3/12/1952	210	8	VC	1.6	12.8	7	POINT REPAIR/REHAB	1270C1	WEST FALL VIEW	COLLEGE	9	
97	57982	L16S	496	L16S	489	3/12/1952	300	8	VC	1.6	12.4	10	REHAB	1270C1	WEST FALL VIEW	COLLEGE	9	
98	58060	L17S	50	L17S	55	3/12/1952	203	8	VC	1.6	14.2	5	REHAB	1270C2	EAST FALL VIEW	COLLEGE	9	
99	43761	J17S	213	J17S	146	3/12/1952	280	8	VC	1.7	17.9	7	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
100	43569	J16S	PLUG	J16S	191	7/1/1952	200	8	VC	1.8	4.2	5	REHAB	1269J1	TOYON	COLLEGE	9	ADD CLEAN OUT
101	43570	J16S	191	J16S	190	7/1/1952	128	8	VC	1.8	5.3	1	REHAB	1269J1	TOYON	COLLEGE	9	
102	43572	J16S	190	J16S	186	7/1/1952	215	8	VC	1.8	7.3	2	REHAB	1269J1	TOYON	COLLEGE	9	
103	43573	J16S	186	J16S	185	7/1/1952	287	8	VC	1.8	7.9	2	REHAB	1269J1	TOYON	COLLEGE	9	
104	58369	L17S	404	L17S	411	1/1/1952	260	8	VC	1.8	37.9	9	REHAB	1270C3	62ND	COLLEGE	9	
105	58689	L18S	314	L18S	332	11/14/1952	285	8	VC	1.8		7	REHAB	1270D3	BRADFORD	EASTERN AREA	9	
106	51162	K17S	450	K17S	405	3/7/1952	263	8	VC	1.9	11.5	9	POINT REPAIR/REHAB	1270B3	REDLAND	COLLEGE	9	
107	58056	L17S	PLUG	L17S	46	3/12/1952	120	8	VC	2	11.8	2	REHAB	1270C2	EASEMENT	COLLEGE	9	ADD CLEAN OUT
108	58656	L18S	PLUG	L18S	282	1/24/1951	163	8	VC	2	5.4	6	REHAB	1270C4	EASEMENT	EASTERN AREA	9	ADD CLEAN OUT
109	43845	J17S	301	J17S	300	4/10/1951	238	8	VC	2.1	7.3	7	REHAB	1269J2	LORRAINE	KENSINGTON-TALMADGE	9	
110	57979	L16S	488	L16S	487	3/12/1952	235	8	VC	2.1	12.9	6	REHAB	1270C1	WEST FALL VIEW	COLLEGE	9	
111	58654	L18S	282	L18S	281	1/24/1951	109	8	VC	2.1	6	2	REHAB	1270C4	EASEMENT	EASTERN AREA	9	BACKYARD
112	43820	J17S	307	J17S	268	2/28/1947	225	8	VC	2.2	8	6	REHAB	1269J3	LOUISE	KENSINGTON-TALMADGE	9	
113	57978	L16S	487	L16S	485	3/12/1952	115	8	VC	2.2	17.9	3	REHAB	1270C1	WEST FALL VIEW	COLLEGE	9	
114	58058	L17S	PLUG	L17S	51	3/12/1952	172	8	VC	2.2	10.8	5	REHAB	1270C2	EASEMENT	COLLEGE	9	ADD CLEAN OUT
115	57975	L16S	484	L16S	484	3/12/1952	80	8	VC	2.3	15.2	2	REHAB	1270C1	EAST FALL VIEW	COLLEGE	9	
116	57976	L16S	484	L16S	485	3/12/1952	107	8	VC	2.4	17.9	2	REHAB	1270C1	EAST FALL VIEW	COLLEGE	9	
117	58649	L18S	273	L18S	274	1/24/1951	230	8	VC	2.4	9.4	4	REHAB	1270C4	EASEMENT	EASTERN AREA	9	
118	51046	K18S	255	K18S	255	4/8/1953	204	8	VC	2.5	11.84	6	REHAB	1270C3	59TH	COLLEGE	9	
119	51047	K18S	255	K18S	254	4/8/1953	300	8	VC	2.5	13.32	9	REHAB	1270C3	59TH	COLLEGE	9	
120	51163	K17S	PLUG	K17S	414	1/1/1968	200	8	VC	2.5	13.7	13	REHAB	1270B3	NEW MILLS	COLLEGE	9	ADD CLEAN OUT
121	58722	L18S	PLUG	L18S	357	11/9/1956	136	8	VC	2.54		5	REHAB	1270D3	SEMINOLE	EASTERN AREA	9	ADD CLEAN OUT
122	43822	J17S	269	J17S	266	2/28/1947	277	8	VC	2.6	10.6	7	REHAB	1269J3	LORRAINE	KENSINGTON-TALMADGE	9	
123	58657	L18S	293	L18S	281	1/24/1951	215	8	VC	2.6	18.6	3	REHAB	1270C4	ESTELLE	EASTERN AREA	9	
124	58690	L18S	332	L18S	331	11/14/1952	325	8	VC	2.6		11	REHAB	1270D3	BRADFORD	EASTERN AREA	9	
125	51045	K18S	PLUG	K18S	254	4/8/1953	200	8	VC	2.7	11.13	6	REHAB	1270C3	59TH	COLLEGE	9	ADD CLEAN OUT
126	43851	J17S	PLUG	J17S	310	4/10/1951	146	8	VC	2.8	4	4	REHAB	1269J2	CAROLINE	KENSINGTON-TALMADGE	9	ADD CLEAN OUT
127	51173	K17S	418	K17S	425	3/7/1952	111	8	VC	2.9	14.7	0	REHAB	1270B3	EASEMENT	COLLEGE	9	
128	58364	L17S	PLUG	L17S	395	1/1/1959	200	6	VC	3	14.62	4	REPLACE	1270C3	HOBART	COLLEGE	9	ADD CLEAN OUT
129	43574	J16S	185	J16S	184	7/1/1952	132	8	VC	3.8	6.9	1	REHAB	1269J1	TOYON	COLLEGE	9	
130	58385	L17S	424	L17S	411	1/1/1952	249	8	VC	3.9	38.73	7	REHAB	1270C3	62ND	COLLEGE	9	
131	58653	L18S	281	L18S	274	1/24/1951	220	8	VC	3.9	17.3	4	REHAB	1270C4	ESTELLE	EASTERN AREA	9	
132	43577	K16S	196	K16S	197	1/1/1964	220	8	VC	4.5	5.1	2	REHAB	1270A2	YERBA ANITA	COLLEGE	9	
133	51168	K17S	415	K17S	413	1/1/1968	175	8	VC	4.5	11.2	3	REHAB	1270B3	NEW MILLS	COLLEGE	9	
134	43585	J16S	214	J16S	215	7/1/1952	76	8	VC	4.8	8.6	1	REHAB	1269J1	TOYON	COLLEGE	9	
135	43576	K16S	195	K16S	196	1/1/1964	300	8	VC	5	4.5	1	REHAB	1270A2	YERBA ANITA	COLLEGE	9	
136	43758	J17S	PLUG	J17S	222	9/1/1953	180	8	VC	5	8.3	8	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	ADD CLEAN OUT
137	43583	J16S	223	J16S	222	1/1/1964	280	8	VC	5.5	5.7	3	REHAB	1270A1	YERBA ANITA	COLLEGE	9	
138	58395	L17S	420	L17S	413	1/1/1952	110	8	VC	5.5	35.82	1	POINT REPAIR/REHAB	1270D2	63RD	COLLEGE	9	




	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Pipeline Rehabilitation AG-1																	
2	FSN	US FIELD BOOK PAGE	US MH	DS FIELD BOOK PAGE	DS MH	INSTALLED DATE	LENGTH	SIZE	MATERIAL	SLOPE %	MAX d/D	LATERALS	ACTION	THOMAS BRO	STREET NAME	COMMUNITY	COUNCIL DISTRICT	REMARKS
139	43846	J17S	300	J17S	299	4/10/1951	197	8	VC	5.6	6.9	5	POINT REPAIR/REHAB	1269J2	LORRAINE	KENSINGTON-TALMADGE	9	
140	58648	L18S	283	L18S	273	1/24/1951	222	8	VC	5.6	4.6	6	REHAB	1270C4	EASEMENT	EASTERN AREA	9	
141	50808	K16S	257	K16S	260	1/1/1964	220	8	VC	5.7	1.8	6	REHAB	1270A1	COLLEGE GARDENS	COLLEGE	9	
142	58686	L18S	328	L18S	327	1/1/1961	173	8	VC	5.8		2	REHAB	1270D3	REVILLO	EASTERN AREA	9	
143	58687	L18S	329	L18S	328	1/1/1961	139	8	VC	5.8		1	REHAB	1270D3	REVILLO	EASTERN AREA	9	
144	43588	J16S	184	J16S	211	7/1/1952	200	8	VC	6	7	2	REHAB	1269J1	TOYON	COLLEGE	9	
145	58688	L18S	PLUG	L18S	329	1/1/1961	75	8	VC	6		3	REHAB	1270D3	REVILLO	EASTERN AREA	9	ADD CLEAN OUT
146	43578	J16S	197	J16S	202	1/1/1964	280	8	VC	7	4.9	2	REHAB	1270A1	YERBA ANITA	COLLEGE	9	
147	43579	J16S	202	J16S	223	1/1/1964	300	8	VC	7	5.1	1	REHAB	1270A1	YERBA ANITA	COLLEGE	9	
148	50810	K16S	260	K16S	258	1/1/1964	136	8	VC	7	3.1	2	REHAB	1270A2	YERBA ANITA	COLLEGE	9	
149	51167	K17S	413	K17S	412	1/1/1968	53	8	VC	7.1	12.3	0	REHAB	1270B3	NEW MILLS	COLLEGE	9	
150	43584	J16S	222	J16S	221	1/1/1964	350	8	VC	7.6	5.8	3	REHAB	1270A1	YERBA ANITA	COLLEGE	9	
151	51017	K17S	209	K17S	450	3/7/1952	136	8	VC	7.9	13.3	3	POINT REPAIR/REHAB	1270B3	REDLAND	COLLEGE	9	
152	43760	J17S	146	J17S	144	3/12/1952	140	8	VC	8.4	12.2	2	REHAB	1269J2	LUCILLE	KENSINGTON-TALMADGE	9	
153	43575	K16S	311	K16S	195	1/1/1964	300	8	VC	9.6	3.1	2	REHAB	1270A2	YERBA ANITA	COLLEGE	9	
154	51198	K17S	417	K17S	427	1/1/1968	191	8	VC	9.8	17.7	6	REHAB	1270B3	54TH	COLLEGE	9	
155	50809	K16S	258	K16S	311	1/1/1964	189	8	VC	10	3.1	1	REHAB	1270A2	YERBA ANITA	COLLEGE	9	
156	51197	K17S	416	K17S	417	1/1/1968	216	8	VC	11.3	13.2	7	REHAB	1270B3	54TH	COLLEGE	9	
157	50862	K17S	6	K17S	261	1/1/1964	320	8	VC	11.7	1.9	8	REHAB	1270A2	COLLEGE GARDENS	COLLEGE	9	
158	43586	J16S	212	J16S	213	7/1/1952	233	8	VC	15	6.2	1	REHAB	1269J1	TOYON	COLLEGE	9	
159	43587	J16S	211	J16S	212	7/1/1952	178	8	VC	15	5.9	1	REHAB	1269J1	TOYON	COLLEGE	9	
160	43658	J16S	213	J16S	214	7/1/1952	300	8	VC	15	6.5	2	REHAB	1269J1	TOYON	COLLEGE	9	
161	51164	K17S	410	K17S	411	1/1/1968	200	8	VC	15.4	11.5	1	REHAB	1270B3	54TH	COLLEGE	9	
162	51165	K17S	411	K17S	412	1/1/1968	139	8	VC	16.5	12.3	1	REHAB	1270B3	54TH	COLLEGE	9	
163	51166	K17S	412	K17S	416	1/1/1968	95	8	VC	16.6	12.9	3	REHAB	1270B3	54TH	COLLEGE	9	
164	51170	K17S	405	K17S	419	3/7/1952	268	8	VC	17.4	10.7	0	REHAB	1270B3	EASEMENT	COLLEGE	9	
165	58693	L18S	338	L18S	327	11/14/1952	94	8	VC	23		0	REHAB	1270D4	EASEMENT	EASTERN AREA	9	
166	58372	L17S	409	L17S	408	1/1/1952	92	8	VC	27.9	37.94	0	REHAB	1270C3	EASEMENT	COLLEGE	9	
167	58695	L18S	337	L18S	338	11/14/1952	111	8	VC	28		1	REHAB	1270D4	EASEMENT	EASTERN AREA	9	
168	51171	K17S	419	K17S	418	3/7/1952	72	8	CI	93.4	13.1	0	REHAB	1270B3	EASEMENT	COLLEGE	9	
169	58676	L18S	315	L18S	314	11/14/1952	390	8	VC			8	POINT REPAIR/REHAB	1270D3	SEMINOLE	EASTERN AREA	9	
170	58681	L18S	322	L18S	323	1/1/1961	95	8	VC			2	POINT REPAIR/REHAB	1270D3	REVILLO	EASTERN AREA	9	
171	58717	L18S	PLUG	L18S	353	2/28/1947	10	8	VC			0	ABANDON	1270D3	63RD	EASTERN AREA	9	ADD CLEAN OUT
172	58719	L18S	353	L18S	354	2/28/1947	239	8	VC			7	REHAB	1270D3	63RD	EASTERN AREA	9	
173	58721	L18S	PLUG	L18S	315	11/9/1956	138	8	VC			7	REHAB	1270D3	SEMINOLE	EASTERN AREA	9	ADD CLEAN OUT
174	58699	L18S	313	L18S	333	11/14/1952	297	8	VC			9	REHAB	1270D4	ESTELLE	EASTERN AREA	9	
175	58698	L18S	333	L18S	334	11/14/1952	307	8	VC			10	REHAB	1270D4	ESTELLE	EASTERN AREA	9	
176	58697	L18S	334	L18S	336	11/14/1952	305	8	VC			8	REHAB	1270D4	ESTELLE	EASTERN AREA	9	
177	58710	L18S	PLUG	L18S	336	2/5/1953	85	8	VC			2	REHAB	1270D4	MARRACO	EASTERN AREA	9	ADD CLEAN OUT
178	58696	L18S	336	L18S	337	11/14/1952	84	8	VC			2	REHAB	1270D4	MARRACO	EASTERN AREA	9	
179	58367	L17S	403	L17S	404	1/1/1952	270	6	VC	0.7	15.5	5	REPLACE	1270C3	HOBART	COLLEGE	9	UPSIZE TO 8 in
180						<b>Total Mileage</b>	<b>37,267</b>	<b>LF</b>										
181							<b>7.06</b>	<b>Miles</b>										
182			Manhole Replace: 4															
183			Manhole Rehab: 29															
184			Manhole Repair: 11															
185			Install Cleanout: 30															

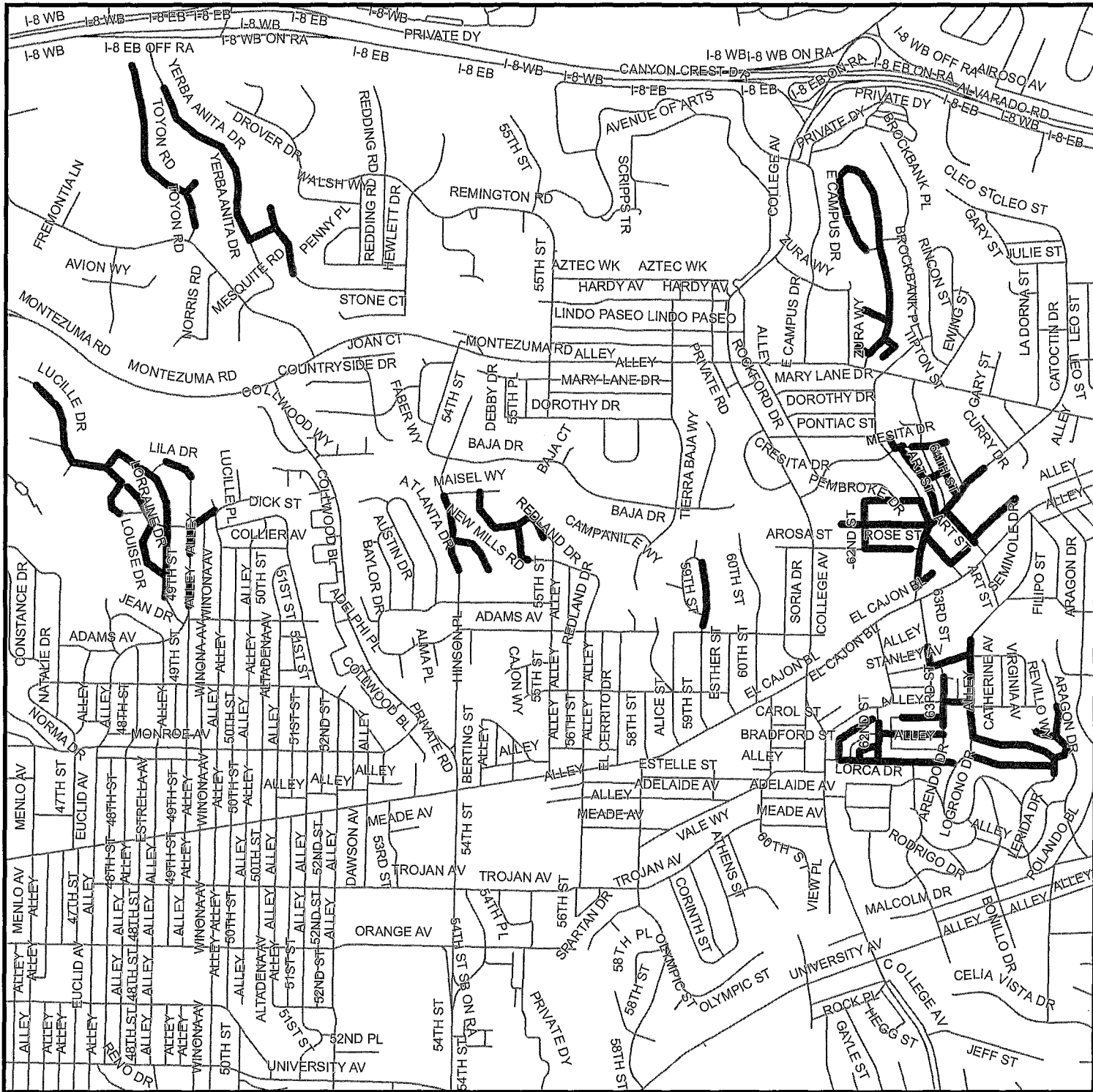
# PIPELINE REHABILITATION AG-1

## WBS B-14118

### Legend: (Sewer Mains)

	Swr_Main_New
	Swr_Main_Rehab
	Swr_Main_Abandon
	Swr_Main_Replace
	Swr_Main_Point_Repair-Rehab
	Swr_Manhole_Rehab
	Swr_Manhole_Repair
	Swr_Manhole_Replace
	Swr_Manhole_New
	Swr_CleanOut_New
	CurbRamp_Ex_with_DWT
	Curb_Ramp_Proposed
	Road_Repair-Surface

(Temporary Cover Sheet)



COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1 INDEX SHEET

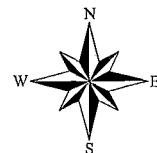
WBS: B-14118  
Date: 07-11-2016  
NO SCALE

SENIOR ENGINEER:  
**ANDREA DEMICH, P.E.**  
ASSOCIATE ENGINEER:  
**HUNG HUYNH**  
PROJECT ENGINEER:  
**MIRKO LAZOVIC**

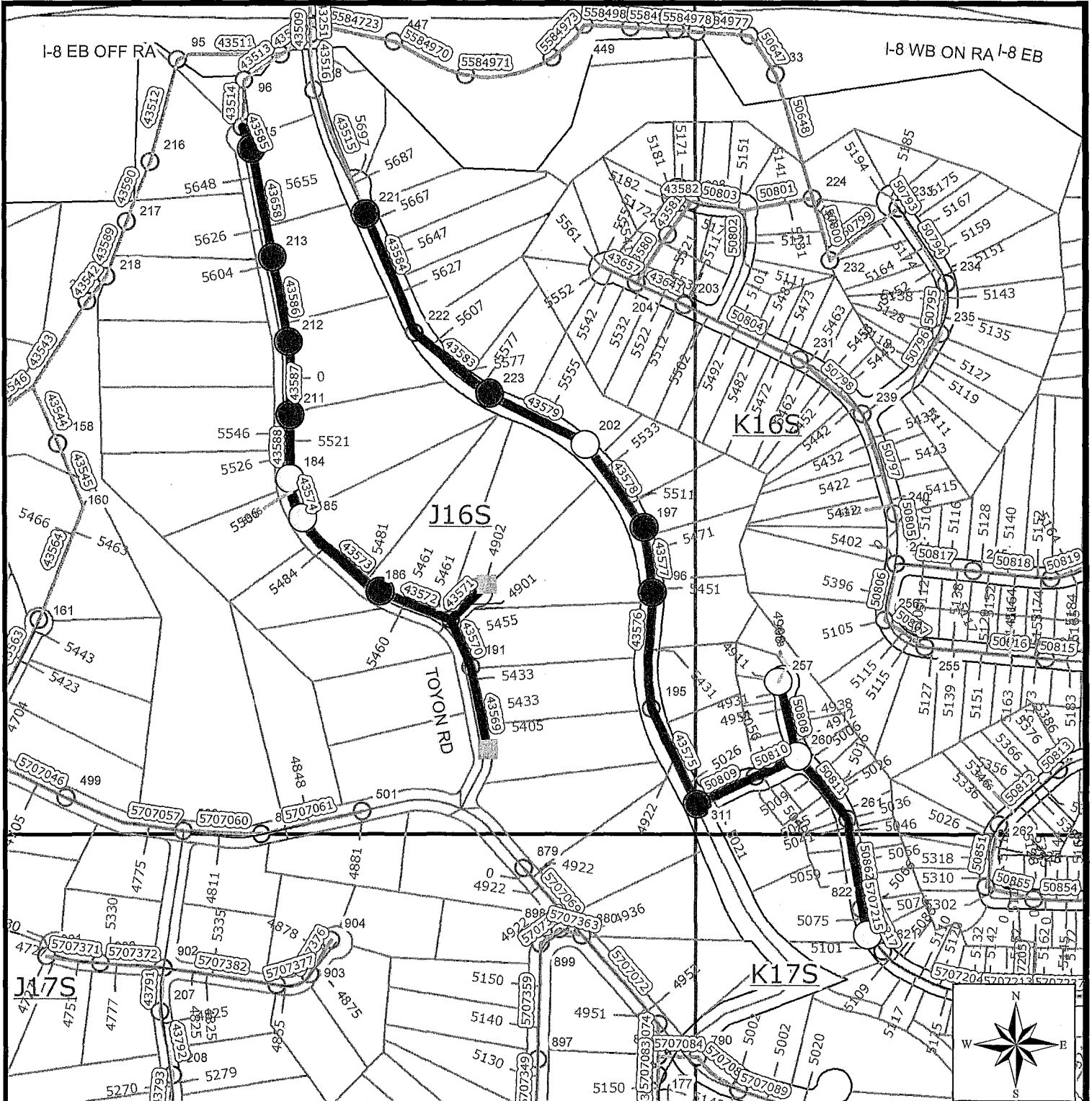
- Pipeline Rehabilitation AG-1
- Point Repair-Rehab
- Replace
- Pipe Burst
- Abandon
- Rehab

- Rehab Manhole
- Repair Manhole
- Replace Manhole
- New Cleanout
- Proposed Curb Ramp

- 333 Manhole ID
- (66555) FSN: Facility Sequence Number
- 5460 Street Number
- Slurry
- Existing Curb Ramp With DWT



**SHEET NO. 00**



COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

**SD** Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

**WBS: B-14118**  
Date: 07-11-2016  
NO SCALE

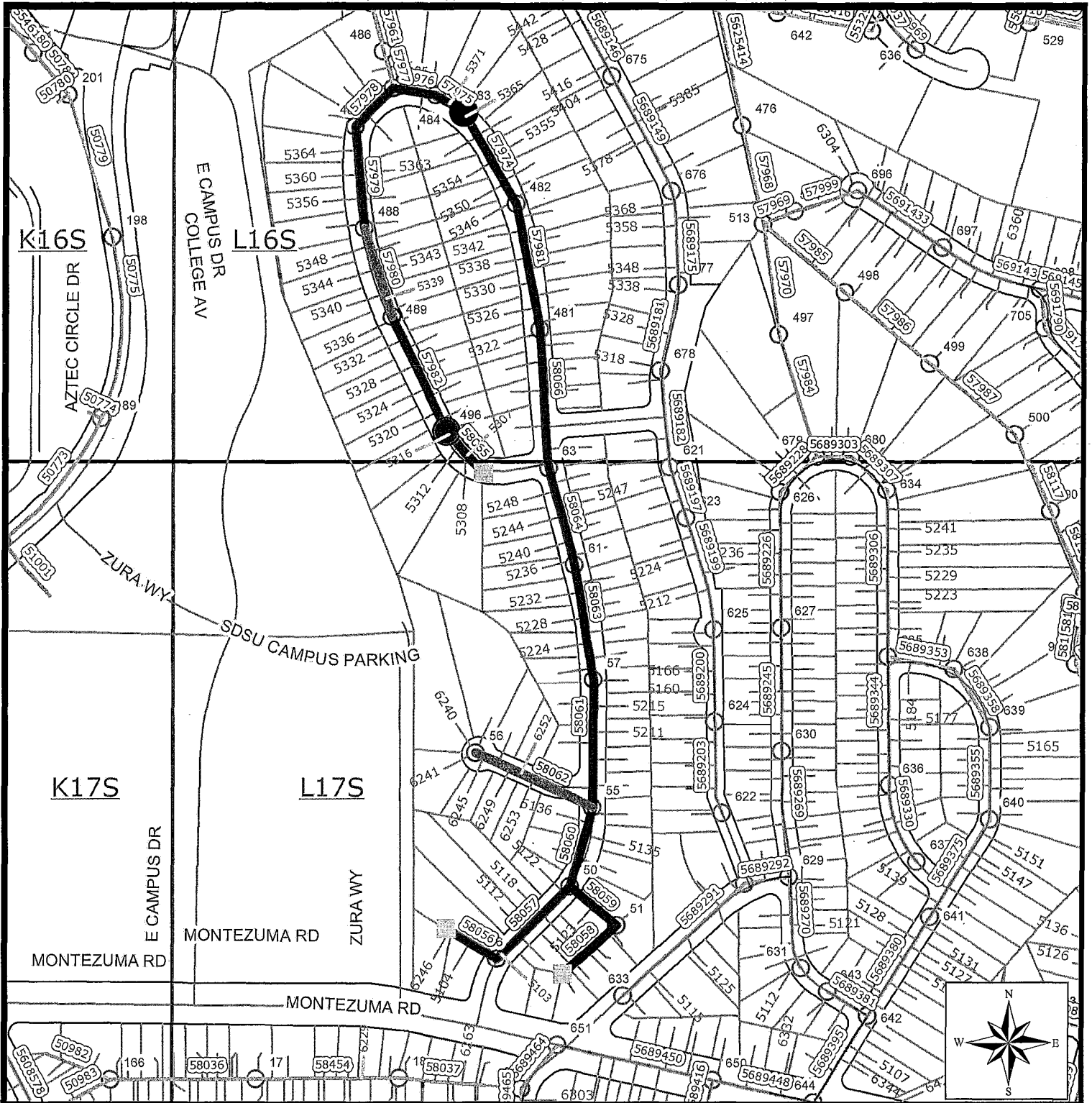
SENIOR ENGINEER:  
ANDREA DEMICH, P.E.  
ASSOCIATE ENGINEER:  
HUNG HUYNH  
PROJECT ENGINEER:  
MIRKO LAZOVIC

**Sewer Main Rehab Segment FSNs:**

43515, 43569, 43570, 43571, 43572, 43573, 43574, 43575,  
43576, 43577, 43578, 43579, 43583, 43584, 43585, 43586,  
43587, 43588, 43658, 50808, 50809, 50810, 50811, 50862

Thomas Brothers Page:  
**1290-H2**  
Field Book Page:  
**J16S, K16S, K17S**

**SHEET NO. 1**



COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

SD Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

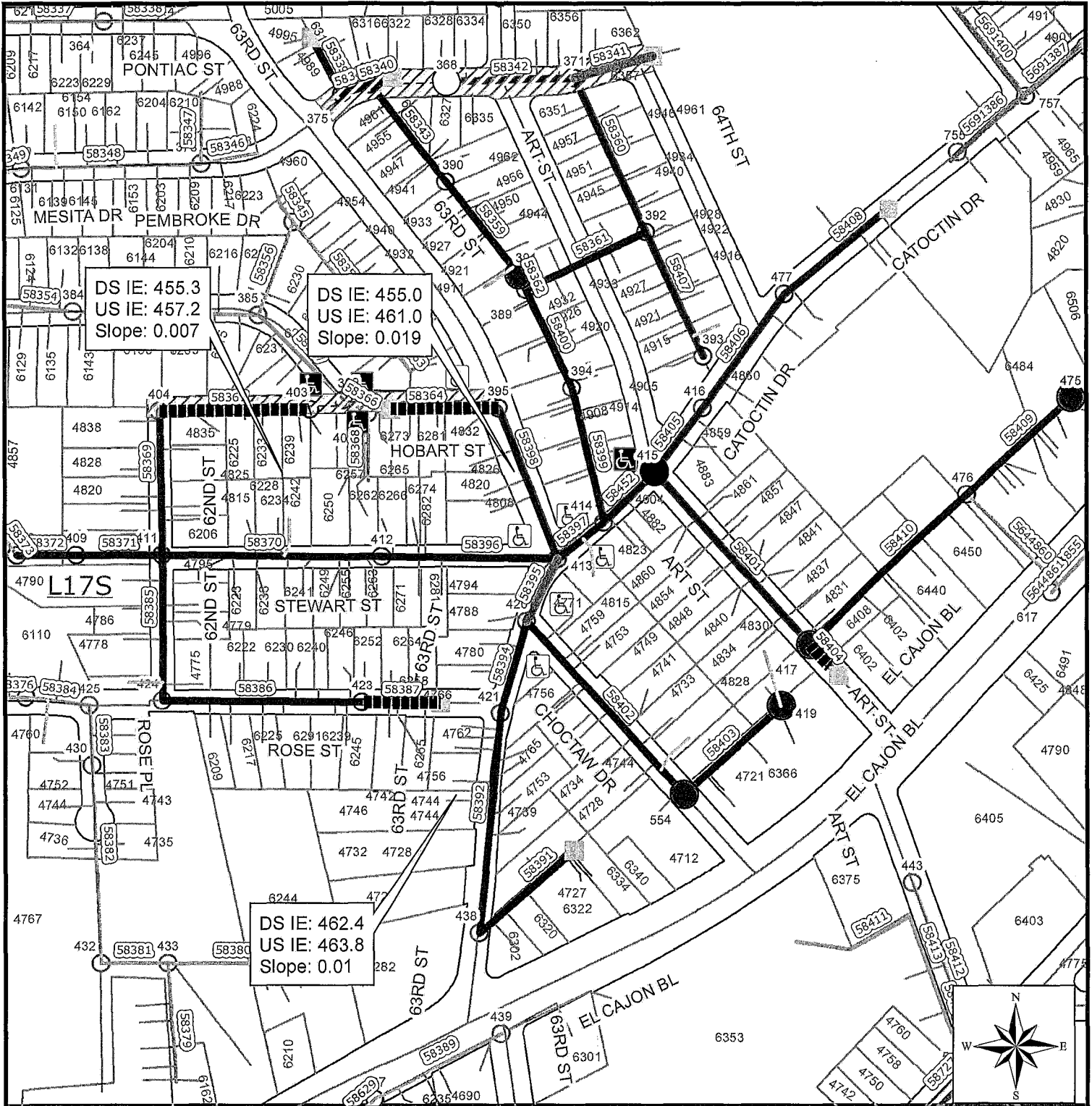
WBS: B-14118  
Date: 07-11-2016

SENIOR ENGINEER:  
ANDREA DEMICH, P.E.  
ASSOCIATE ENGINEER:  
HUNG HUYNH  
PROJECT ENGINEER:  
MIRKO LAZOVIC

**Sewer Main Rehab FSNs:**  
57974, 57975, 57978, 57979, 57981, 57982, 58056,  
58057, 58058, 58059, 58060, 58061, 58063, 58064,  
58065, 58066  
**Sewer Main Point Repair/Rehab FSNs:**  
58062, 57980

NO SCALE  
Thomas Brothers Page:  
**1290-H2**  
Field Book Page:  
**K16-17S, L16-17S**

**SHEET NO. 2**



COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

**Public Works**  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

**WBS: B-14118**  
Date: 07-11-2016

SENIOR ENGINEER:  
ANDREA DEMICH, P.E.  
ASSOCIATE ENGINEER:  
HUNG HUYNH  
PROJECT ENGINEER:  
MIRKO LAZOVIC

**Sewer Main Rehab FSNs:**

58339, 58340, 58341, 58342, 58343, 58344, 58359, 58360,  
58361, 58369, 58370, 58371, 58372, 58385, 58386, 58391,  
58392, 58394, 58396, 58397, 58398, 58399, 58400, 58401,  
58402, 58403, 58405, 58406, 58407, 58408, 58410, 58452

**Sewer Main Point Repair/Rehab FSNs:**  
58395

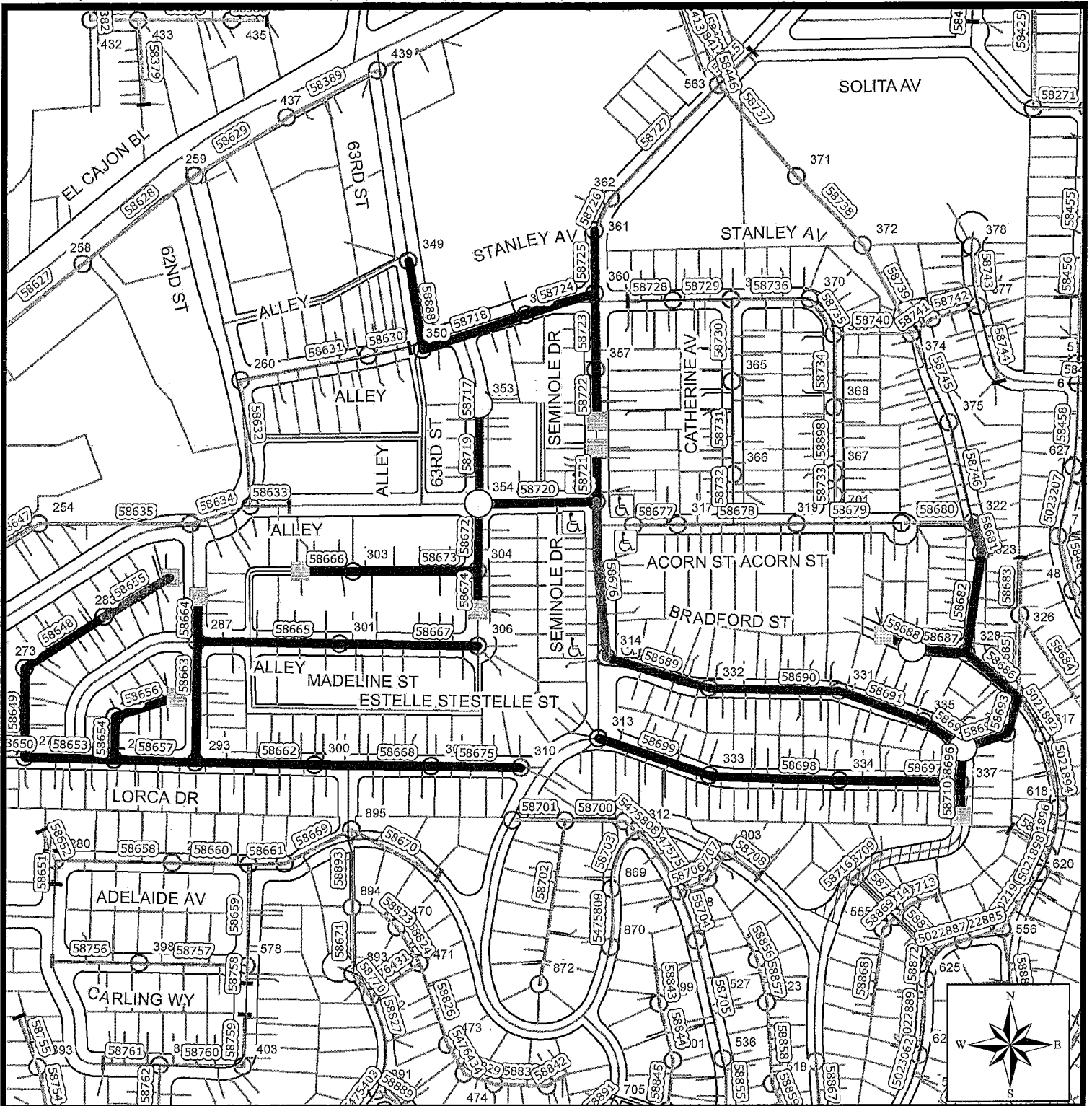
**Sewer Main Replacement FSNs:**  
58364, 58367, 58387

NO SCALE

Thomas Brothers Page:  
**1290-H2**  
Field Book Page:  
**L17-18S**

**SHEET NO. 3**





COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

**SD** Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

**WBS: B-14118**  
Date: 07-11-2016

SENIOR ENGINEER:  
**ANDREA DEMICH, P.E.**  
ASSOCIATE ENGINEER:  
**HUNG HUYNH**  
PROJECT ENGINEER:  
**MIRKO LAZOVIC**

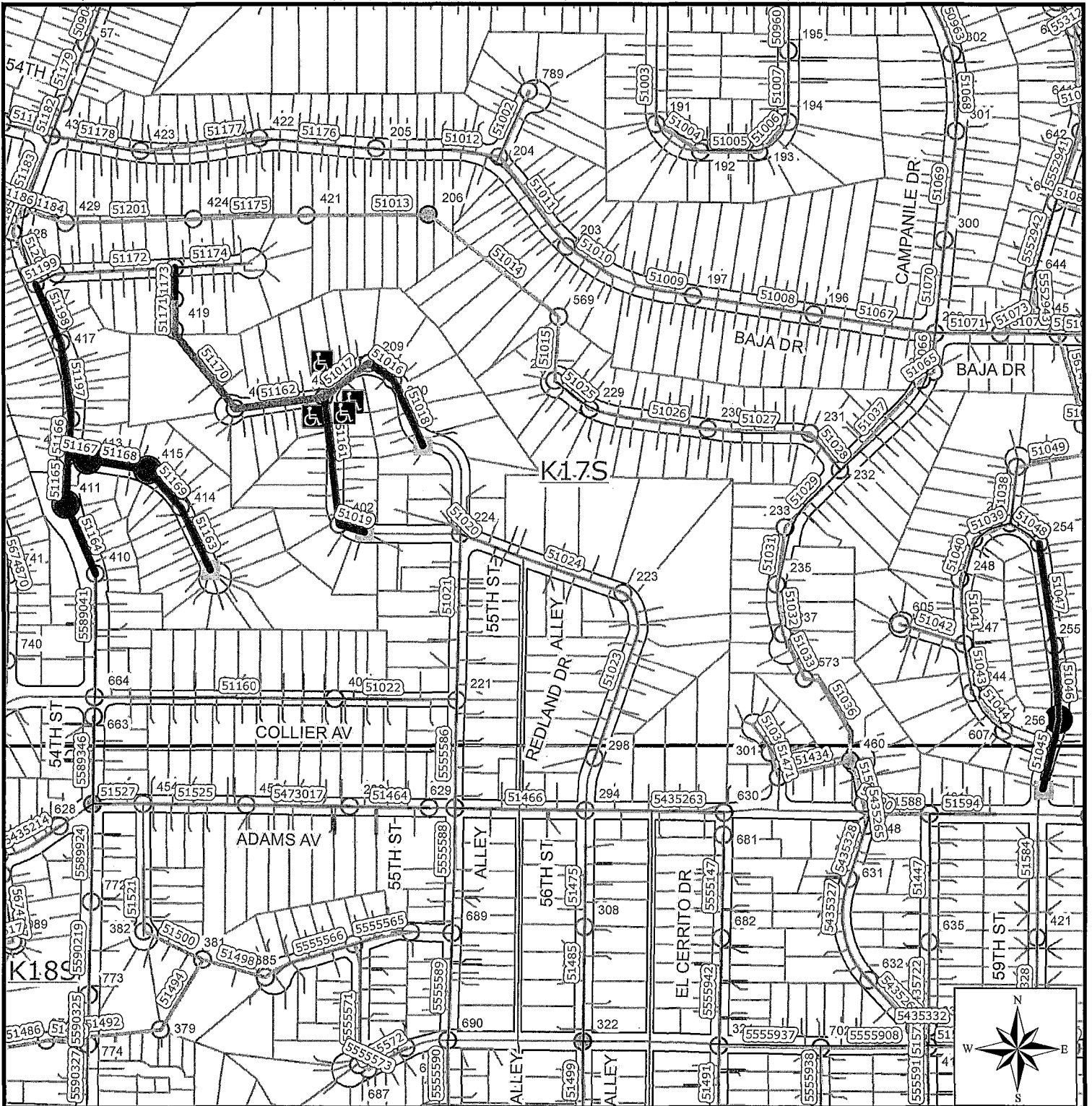
**Sewer Main Rehab FSNs:**  
58648, 58649, 58653, 58654, 58656, 58657, 58662, 58663,  
58664, 58665, 58666, 58667, 58668, 58672, 58673, 58674,  
58675, 58676, 58682, 58686, 58687, 58688, 58689, 58690,  
58691, 58692, 58693, 58695, 58696, 58697, 58698, 58699,  
58710, 58718, 58719, 58720, 58721, 58722, 58723, 58724,  
58725, 58888

NO SCALE  
Thomas Brothers Page:  
**1290-H2**  
Field Book Page:  
**L17-18S**

**FSN Abandoned: 58717 Sewer Main Point Repair/Rehab FSNs: 58655, 58676, 58681**

**SHEET NO. 4**

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COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

**SD** Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

**WBS: B-14118**  
Date: 07-11-2016

SENIOR ENGINEER:  
ANDREA DEMICH, P.E.  
ASSOCIATE ENGINEER:  
HUNG HUYNH  
PROJECT ENGINEER:  
MIRKO LAZOVIC

**Sewer Main Rehab FSNs:**  
51016, 51018, 51019, 51045, 51046, 51047, 51161,  
51163, 51164, 51165, 51166, 51167, 51168, 51169,  
51197, 51198  
**Sewer Main Point Repair FSNs:**  
51162, 51017, 51170

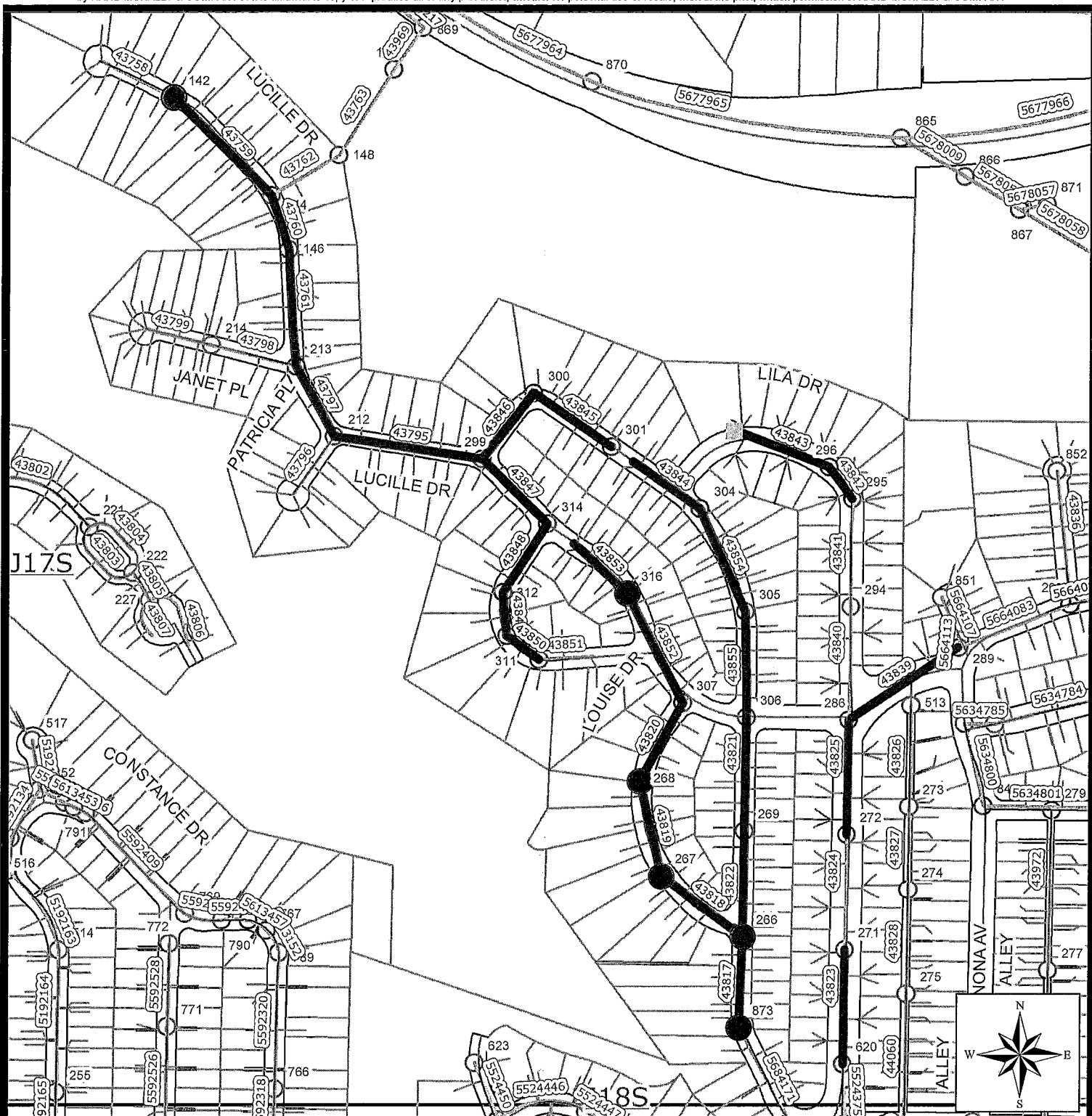
NO SCALE

Thomas Brothers Page:  
**1290-H2**

Field Book Page:  
**L17-18S**

**SHEET NO. 5**





COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

SD Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

WBS: B-14118  
Date: 07-11-2016

SENIOR ENGINEER:  
ANDREA DEMICH, P.E.  
ASSOCIATE ENGINEER:  
HUNG HUYNH  
PROJECT ENGINEER:  
MIRKO LAZOVIC

**Sewer Main Rehab FSNs:**

43759,43760,43761,43795,43796,43797,43798,43799,  
43817,43818,43819,43820,43821,43822,43823,43839,  
43842,43843,43844,43845,43846,43847,43848,43850,  
43851,43852,43853,43854,43855

NO SCALE

Thomas Brothers Page:  
**1290-H2**  
Field Book Page:  
**L17-18S**

**SHEET NO. 6**

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**CURB RAMP IDENTIFICATION INDEX**

CURB RAMP NO. ①	SHEET NO.	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMP	DETECTABLE WARNING TILES		CONSTRAINTS	COMMENTS/MODIFICATIONS
						STAINLESS STEEL	*OTHER		
1	7	C2		X				X	INSTALL C2 RAMP IN THE MIDDLE OF CURB. IF C2 DOESN'T FIT, INSTALL C1. RELOCATE THE STREET SIGN. INSTALL PEDESTRIAN BARRICADE SDE-103 TO PREVENT CROSSING HOBART STREET. TRIM THE VEGETATION, PROVIDE MIN 84" VERTICAL AND 48" HORIZONTAL CLEARANCE. IF REQUIRED, INSTALL RETAINING CURB 2" MIN ABOVE FINISH GRADE.
2	7	C1		X				X	REPLACE EXISTING CURB RAMP WITH ROLLED CURB & GUTTER AND SIDEWALK PER SDG-155. CURB RAMP CAN NOT BE INFRONT OF THE DRIVEWAY. RELOCATE THE SIGN AND CENTER THE CURB RAMP WHERE THE SIGN WAS.
3	7	C1	X					X	ENSURE 4' LEVEL LANDING IN FRONT OF DRIVEWAY AND IN FRONT OF PRIVATE STAIRWAY. IF CURB RAMP DOESN'T FIT INSTALL PED BARRICADE AT 2 TO PREVENT CROSSING.
4	7	C2	X					X	IF C2 DOESN'T FIT INSTALL C1. ENSURE LEVEL LANDING IN FRONT OF PRIVATE WALKWAY. RELOCATE STOP LIMIT LINE.
5	8	C2	X					X	IF C2 DOESN'T FIT INSTALL C1. ENSURE LEVEL LANDING IN FRONT OF PRIVATE WALKWAY.
6	8	A	X					X	ENSURE 4' LEVEL LANDING IN FRONT OF DRIVEWAY AND IN FRONT OF PRIVATE WALKWAY. IF A/B OR C2 DOES NOT FIT, INSTALL C1. IF REQUIRED, INSTALL RETAINING CURB 2" MIN ABOVE FINISH GRADE.
7	8	B	X					X	ENSURE 4' LEVEL LANDING IN FRONT OF DRIVEWAY AND IN FRONT OF PRIVATE WALKWAY. IF A/B OR C2 DOES NOT FIT, INSTALL C1. IF REQUIRED, INSTALL RETAINING CURB 2" MIN ABOVE FINISH GRADE.
8	8	B	X					X	PROTECT THE TREE. IF A/B OR C2 DOES NOT FIT, INSTALL C1. IF REQUIRED, INSTALL RETAINING CURB 2" MIN ABOVE FINISH GRADE. ENSURE 4' LEVEL LANDING IN FRONT OF DRIVEWAY AND IN FRONT OF PRIVATE WALKWAY.

\*DETECTABLE WARNING TILES SHALL BE PER CITY'S APPROVED MATERIALS LIST.


**GENERAL NOTES:**

- 7 DAYS PRIOR TO THE START OF THE WORK THE CONTRACTOR IS TO SUBMIT TO THE ENGINEER A LIST OF SURVEY MONUMENTS WHICH WILL BE DISTURBED DURING CONSTRUCTION.
- MONUMENT PRESERVATION WILL BE PERFORMED BY THE CITY OF SAN DIEGO PUBLIC WORKS DEPARTMENT FIELD ENGINEERING DIVISION (PW-FED) SURVEY SECTION, UNLESS PERMISSION IS GRANTED IN WRITING BY (PW-FED) FOR THESE SERVICES TO BE PERFORMED BY OTHERS LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA.
- CONTRACTOR TO REPAIR OR REPLACE DAMAGED OR MISSING SIDEWALK PANELS ADJACENT TO THE CURB RAMP AREA, AND TO MATCH THE NEW CONCRETE TO THE COLOR, FINISH, AND PATTERN, OF THE EXISTING ADJACENT SIDEWALK.
- CONTRACTOR TO NOTIFY THE CITY OF SAN DIEGO STREET DIVISION TO REPAIR OR REPLACE ANY DAMAGED OR LIFTED SIDEWALK PANELS ALONG THE SIDEWALK IN ROUTE LEADING TO THE CURB RAMPS.
- COUNTER SLOPES (CURB RAMP SLOPE PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13%. WITH THE EXCEPTION OF A TYPE C2 AND C1, ADJUST THE SLOPE OF THE MAIN RAMP AND/OR STREET IF THE COUNTER SLOPE EXCEEDS 5.0%.
- AS OF JULY 1, 2015 THE 12" GROOVED BORDERS SHOWN ON THE CURB RAMP STANDARD DRAWINGS ARE NO LONGER REQUIRED. THEREFORE OMIT THE GROOVED BORDERS ON ALL NEW CURB RAMPS FOR THIS CONTRACT.

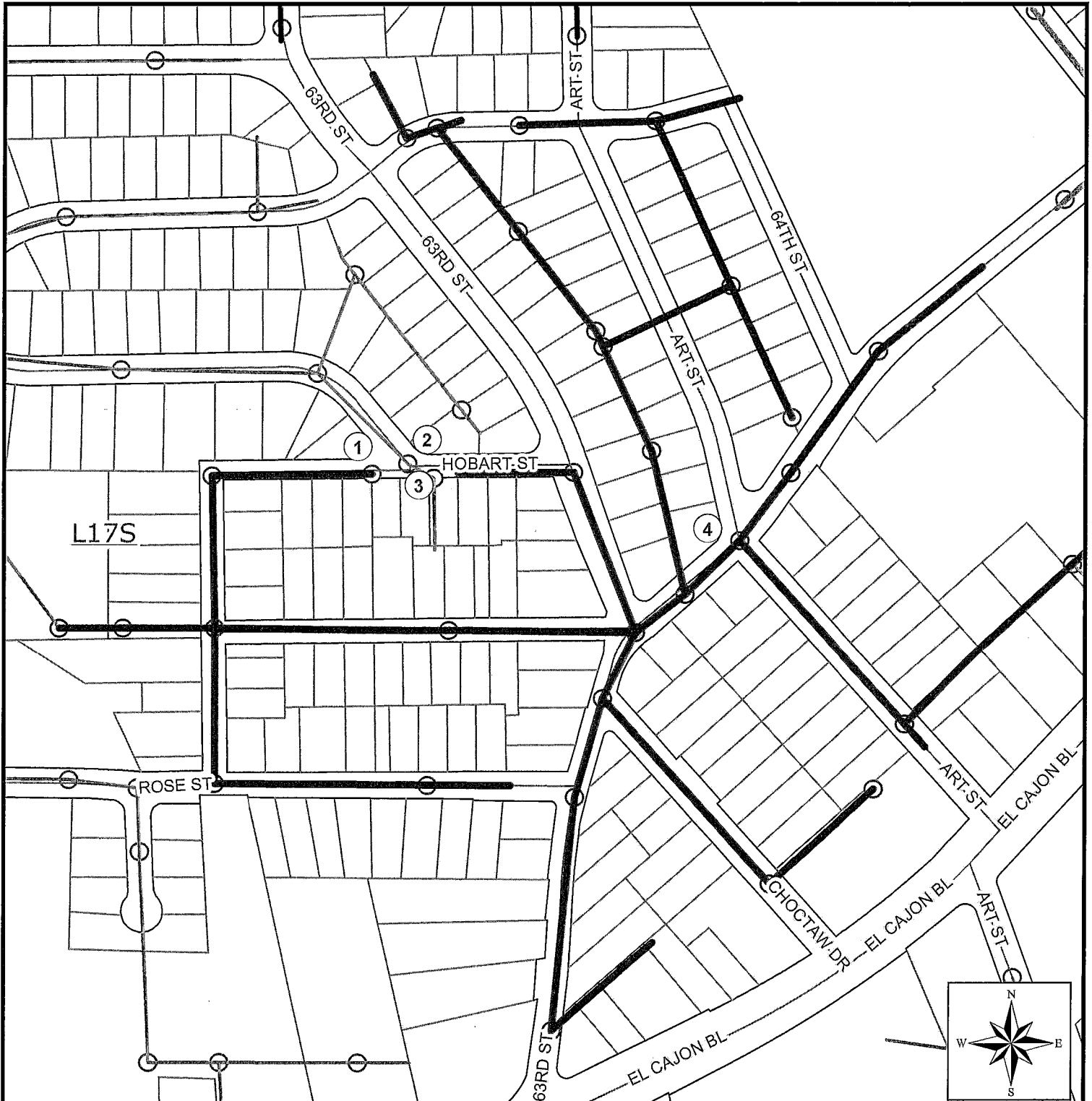
**PROPOSED CURB RAMPS PER STANDARD DRAWINGS:**

DETECTABLE WARNING TILES .....	SDG-130	CURB RAMP - TYPE C1 & C2	
GENERAL CURB RAMP NOTES .....	SDG-131	& MORE DETAILS .....	SDG-136
GENERAL CURB RAMP NOTES		CURB RAMP - TYPE D .....	SDG-137
& SUPPLEMENTAL DETAILS .....	SDG-132	GENERAL CURB RAMPS .....	SDG-138
CURB RAMP - TYPE A & B .....	SDG-133	ISLAND AND PASSAGEWAY DETAILS .....	SDG-139
DUAL CURB RAMPS .....	SDG-134	CURB RAMP BARRICADE .....	SDG-140
CURB RAMP - TYPE C1 & C2 .....	SDG-135	EX STAMP/IMPRESSION PLACEMENT .....	SDG-115

**COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area**      **COUNCIL DISTRICT: 9**

 RIGHT OF WAY DIVISION  SENIOR ENGINEER: ANDREA DEMICH, P.E.  ASSOCIATE ENGINEER: HUNG HUYNH  PROJECT ENGINEER: MIRKO LAZOVIC	<h1>PIPELINE REHABILITATION AG-1</h1>		WBS: B-14118  Date: 07-11-2016
	<h2>Curb Ramp Identification Sheet</h2>		SHEET NO. 7

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COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

**SD** Public Works  
RIGHT OF WAY DIVISION

# PIPELINE REHABILITATION AG-1

**WBS: B-14118**  
Date: 07-11-2016

SENIOR ENGINEER:  
**ANDREA DEMICH, P.E.**  
ASSOCIATE ENGINEER:  
**HUNG HUYNH**  
PROJECT ENGINEER:  
**MIRKO LAZOVIC**

## Curb Ramp Location Map

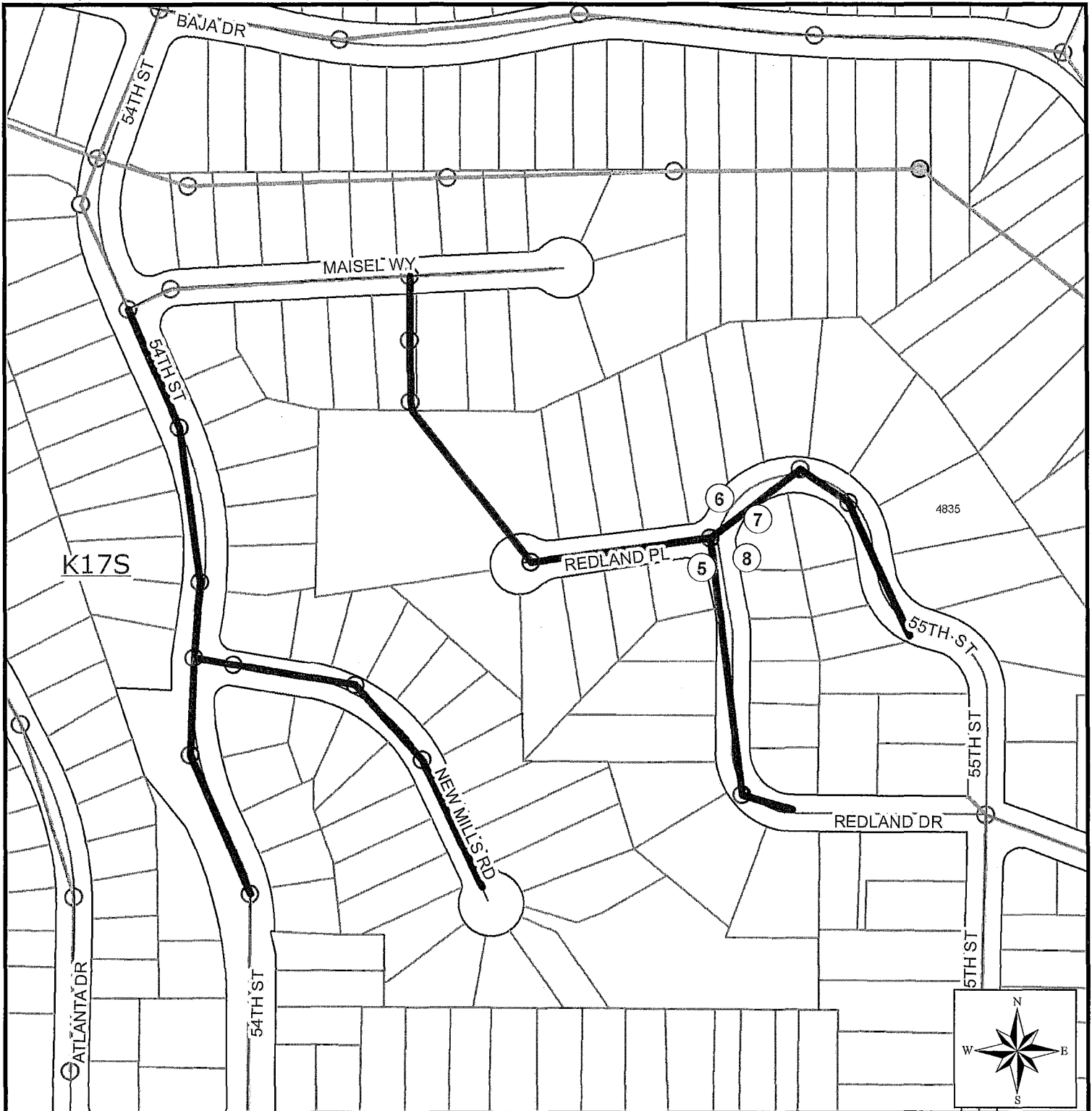
NO SCALE

Thomas Brothers Page:  
**1290-H2**

Field Book Page:  
**L17-18S**

**SHEET NO. 8**

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COMMUNITY DISTRICT: College Area, Mid-City Kensington - Talmadge, Mid-City Eastern Area COUNCIL DISTRICT: 9

**SD** Public Works  
RIGHT OF WAY DIVISION

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## Curb Ramp Location Map

NO SCALE

Thomas Brothers Page:  
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**L17-18S**

**SHEET NO. 9**

CURB RAMP NOTES TABLE									
SHEET NO.	CURB RAMP NO.	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMP	DETECTABLES WARNING TILES		CONSTRAINTS	COMMENTS/MODIFICATIONS
						STAINLESS STEEL	OTHERS		
3	1	C1		X					
3	2	C1		X					
3	3	B	X						
5	4	C1	X						
5	5	C1	X						
5	6	B	X						
5	7	C1	X						
6	8	B	X						
6	9	B	X						
6	10	B	X						
6	11	B	X						
6	12	B	X						

NOTES:	
<p>1. PROTECT AND KEEP ALL HISTORICAL STAMPS WITHIN SIDEWALKS.</p> <p>2. LOCATE LIMIT LINES BEFORE EACH CURB RAMP. RESTRIPE USING TWELVE (12") INCH WIDE THERMOPLASTIC.</p> <p>3. THE DESIGN AND INSTALLATION OF THE CURB RAMP SHALL NOT AFFECT THE DRAINAGE PATTERN ON THE STREET. PONDING SHALL NOT BE ALLOWED WITHIN THE CURB RAMP AREA.</p> <p>4. ALL DETECTABLE WARNING TILES (DWT) MUST BE PER CITY'S APPROVED MATERIALS LIST (AML).</p> <p>5. COUNTER SLOPES (CURB RAMP SLOPE PLUS TREET SLOPE) WHEN ADDED <u>CANNOT EXCEED 13.33%</u> WITH THE EXCEPTION OF A TYPE C-2 AND C-1. ADJUST THE SLOPE OF THE MAIN RAMP IF THE STREET SLOPE EXCEEDS 5.0%.</p> <p>6. RESTRIPE THE CROSSWALKS WITH 12" (INCH) WHITE THERMOPLASTIC FINISH (INCLUDING STOP MARKINGS WITH WHITE THERMOPALSTIC) TO COMPLY WITH THE ACCESS LAW. THE WIDTH OF THE CROSS WALK CANNOT BE LESS THAN 10'-0".</p>	<p>7. CONTRACTOR SHALL NOTIFY SURVEYING 30 DAYS PRIOR TO REMOVAL OF SIDEWALK FOR CURB RAMP CONSTRUCTION TO RELOCATE ANY SURVEY MARKERS.</p> <p>8. PLEASE AVAOID INSTALLING CURB RAMPS INFRONT OF HOME WALKWAYS.</p>

PROPOSED CURB RAMPS PER STANDARD DRAWINGS:	
CURB RAMP TYPE B	SDG-132
CURB RAMP TYPE C1	SDG-134
GENERAL CURB RAMP NOTES & SUPPLEMENTAL DETAILS	
EX STAMP/IMPRESSION PLACEMENT	SDG-130 SDG-115

PIPELINE REHABILITATION AG-1  
SHEET 7

**APPENDIX I**  
**ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION**

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

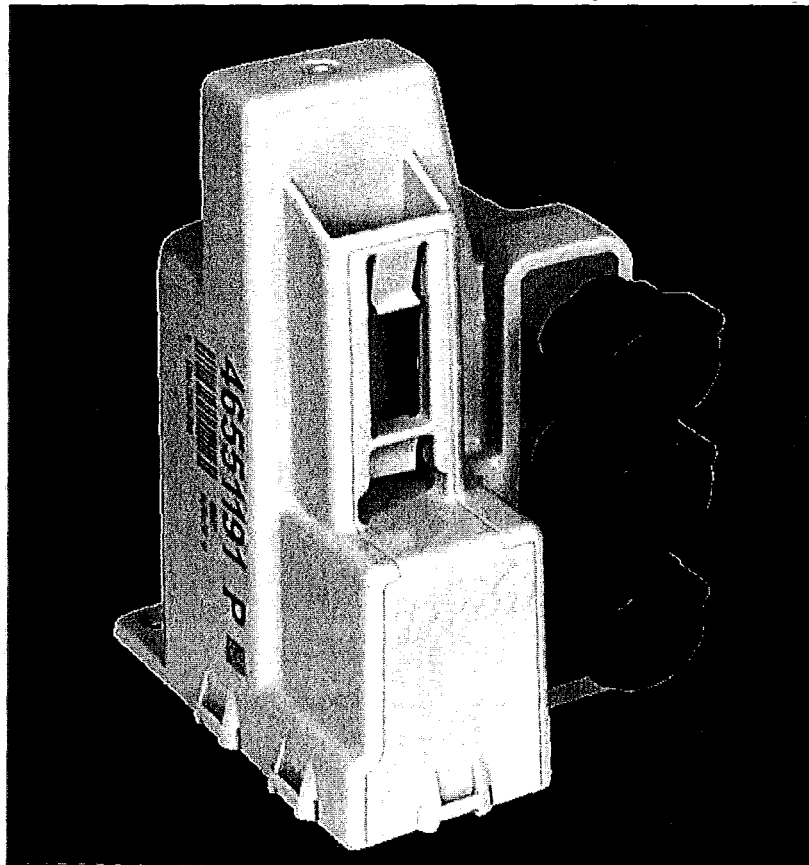
The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water. **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:

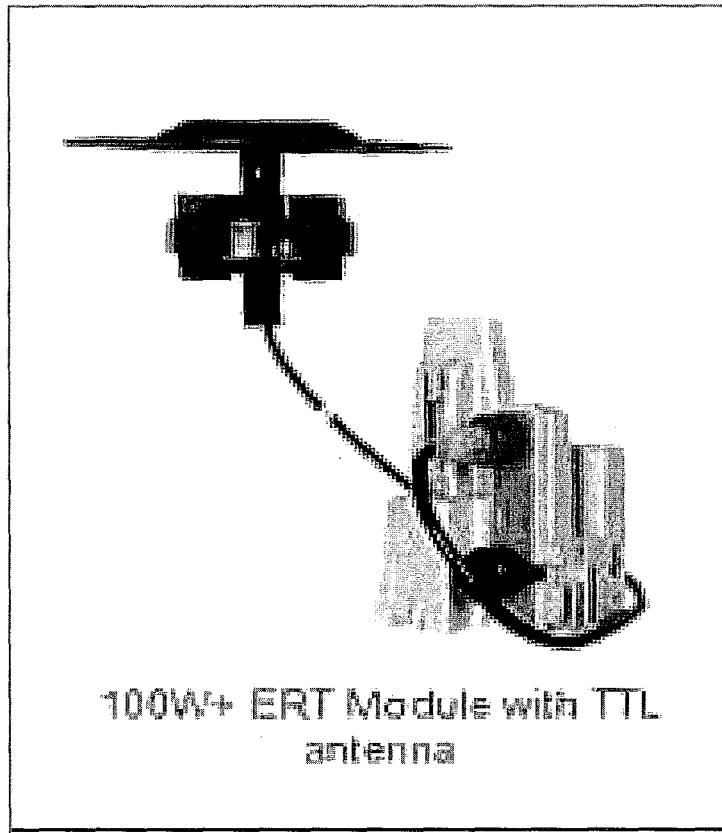
- A. Endpoints, see Photo 1:

**Photo 1**



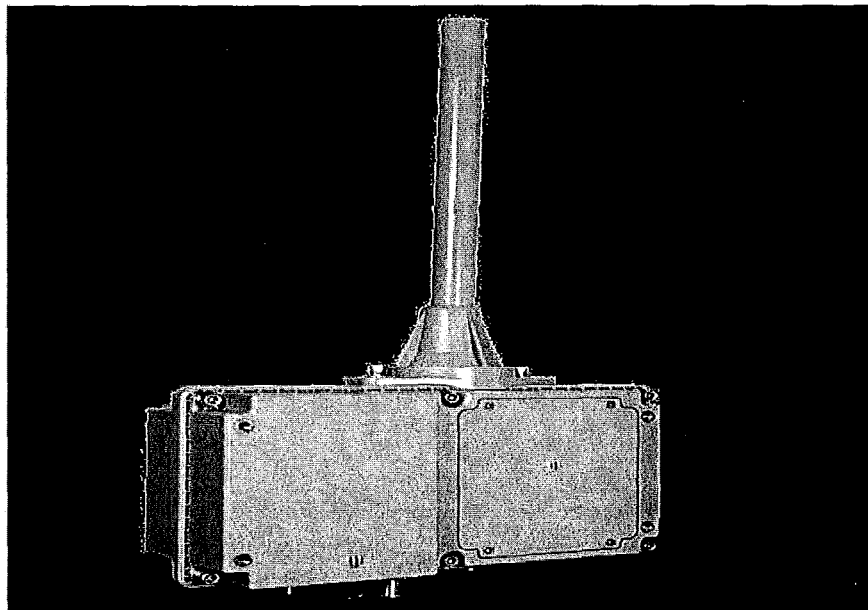
B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:

**Photo 2**



Network Devices, see Photo 3:

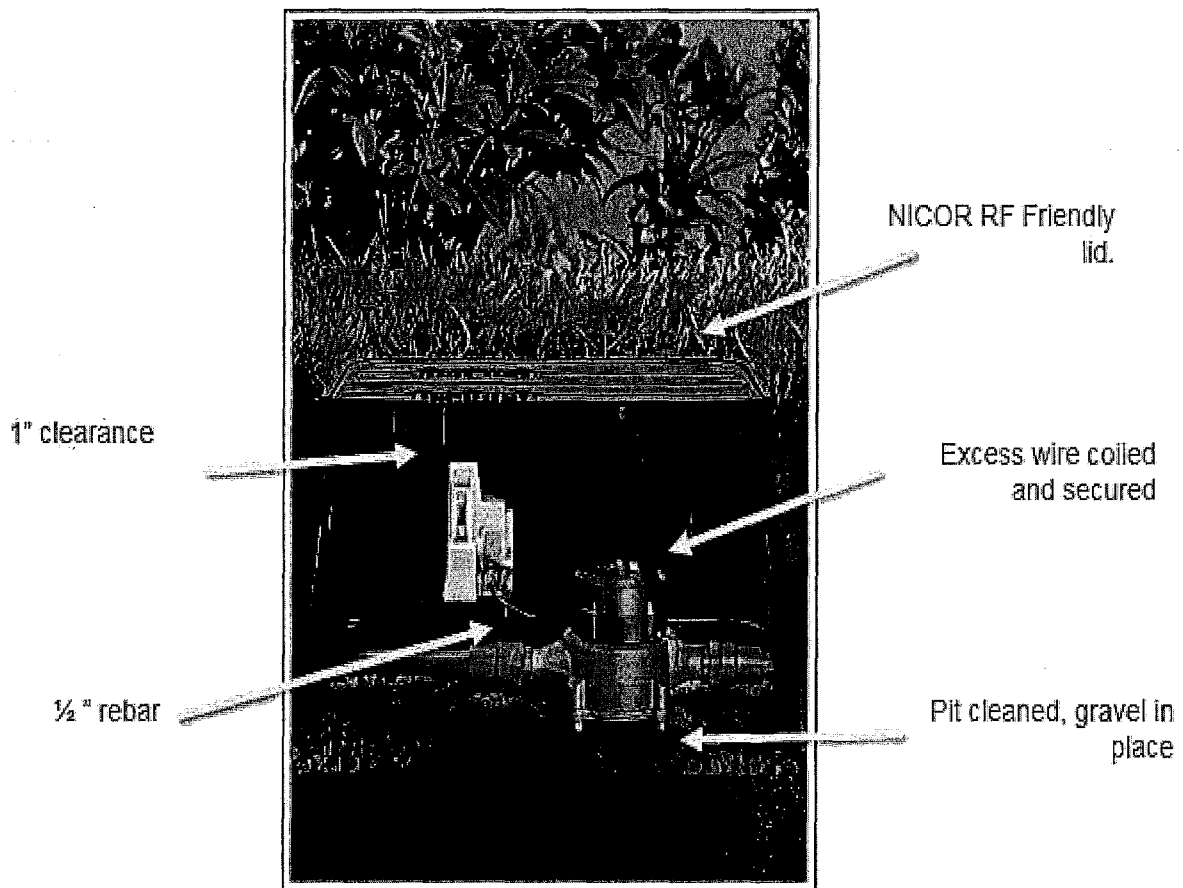
**Photo 3**





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**

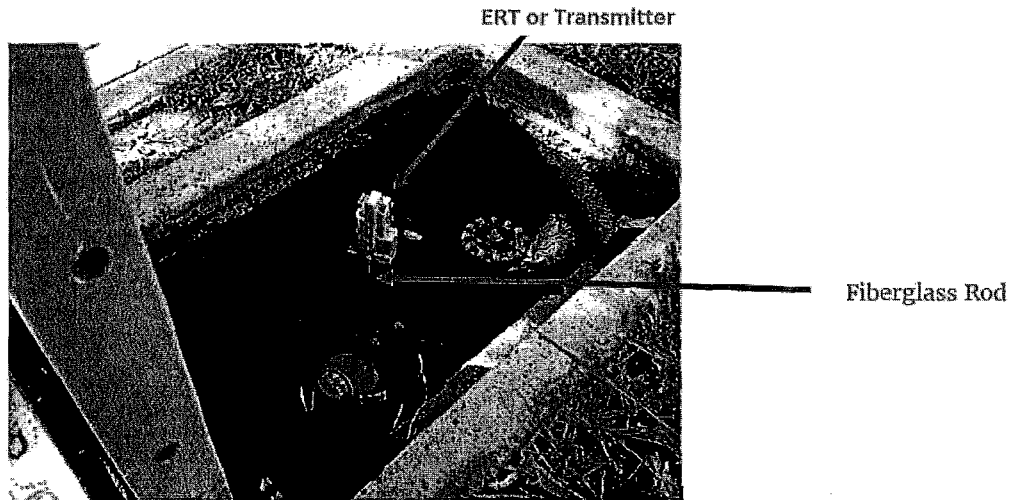
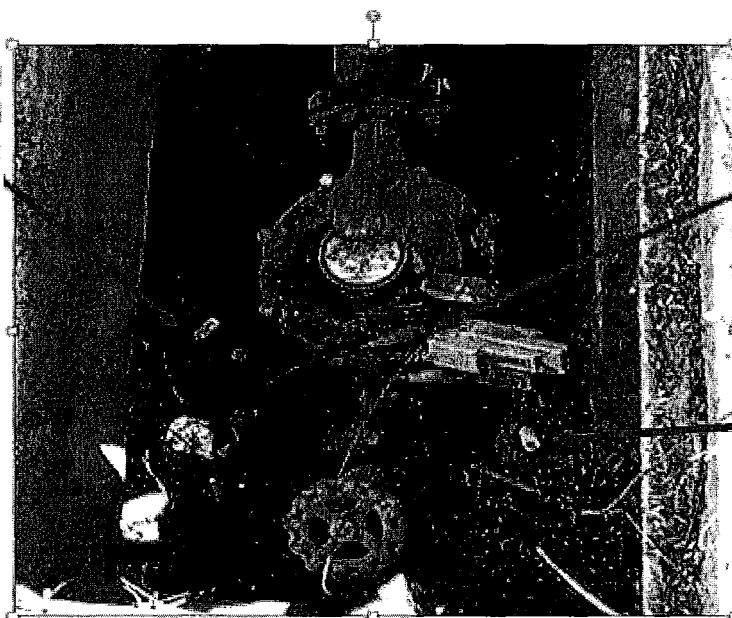


Photo 6 below is an example of disturbance that shall be avoided:

**Photo 6**

The antenna was drilled into the lid and now it is removed



**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.**

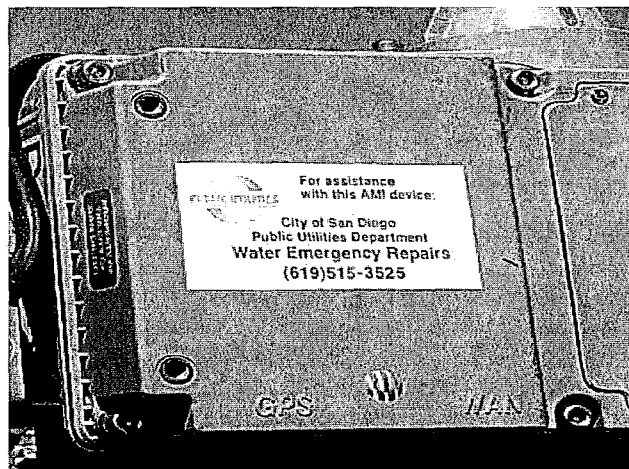
Photo 8 shows an installed network device on a street light. On the back of each Network Device is a sticker with contact information. See Photo 9. **Call PUD Water Emergency Repairs at 619-515-3525 if your work will impact these street lights.** These are assets that belong to the City of San Diego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

**Photo 8**



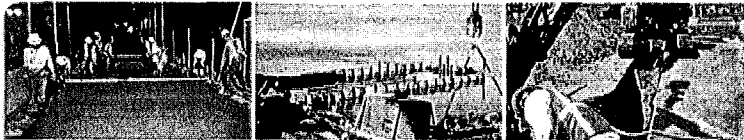
**Network Device**

**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 J**  
**SAMPLE OF PUBLIC NOTICES**



# CONSTRUCTION NOTICE

## 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 caps 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 to 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@sandiego.gov](mailto:engineering@sandiego.gov)**

**Visit: [sandiego.gov/CIP](http://sandiego.gov/CIP)**



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           Burtech Pipeline Incorporated          , herein called "Contractor" for construction of **Pipeline Rehabilitation AG-1**; Bid No. **K-17-1407-DBB-3**, in the amount of Three Million Three Hundred Sixty Thousand Nine Hundred Seventy Six Dollars and Fifty Cents (\$3,360,976.50), 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) Phase Funding Schedule Agreement.
  - (e) That certain documents entitled **Pipeline Rehabilitation AG-1**, on file in the office of the Public Works Department as Document No. **B-14118**, 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 AG-1**, Bid Number **K-17-1407-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

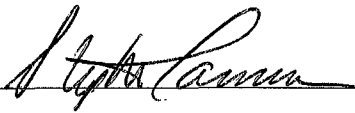
**CONTRACT AGREEMENT (continued)**

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

**THE CITY OF SAN DIEGO**

**APPROVED AS TO FORM**

Mara W. Elliot, City Attorney

By 

By 

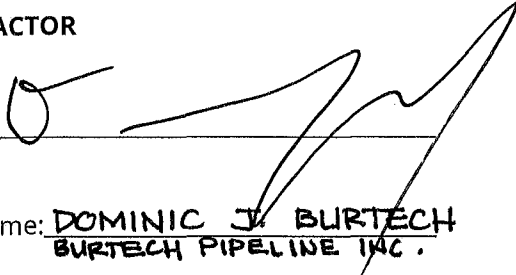
Print Name: Stephen Samara  
Principal Contract Specialist  
Public Works Department

Print Name: Pedro DeLara, Jr.  
Deputy City Attorney

Date: 2-27-17

Date: 3/1/17

**CONTRACTOR**

By 

Print Name: DOMINIC J. BURTECH  
BURTECH PIPELINE INC.

Title: PRESIDENT & CEO

Date: JAN. 4, 2017

City of San Diego License No.: B1996002066

State Contractor's License No.: 718202

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000006324

## CERTIFICATIONS AND FORMS

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

## **Bidder's General Information**

To the City of San Diego:

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

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

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

State of California  
County of San Diego

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

## CONTRACTOR CERTIFICATION

---

### DRUG-FREE WORKPLACE

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

---

### AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the Americans With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act", of the project specifications, and that;

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

## **CONTRACTOR CERTIFICATION**

---

### **CONTRACTOR STANDARDS AND 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 and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors 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

## **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 BURTECH PIPELINE, INCORPORATED as Principal, and NORTH AMERICAN SPECIALTY INSURANCE COMPANY as Surety, are

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

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

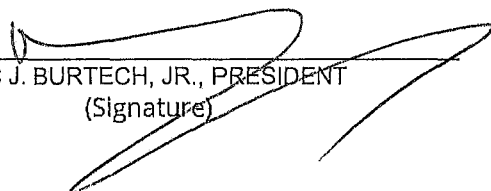
PIPELINE REHABILITATION AG-1

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 17TH day of NOVEMBER, 2016

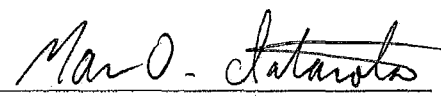
BURTECH PIPELINE, INCORPORATED (SEAL)

(Principal)

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

NORTH AMERICAN SPECIALTY INSURANCE COMPANY (SEAL)

(Surety)

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

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

# California Acknowledgment Form

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

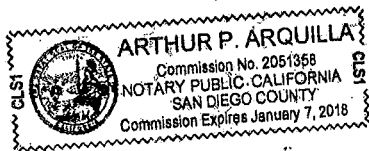
State of California }  
County of San Diego } ss.

On 11/21/16 before me, Arthur P. Arquilla, Notary Public  
(here insert name and title of the officer)  
personally appeared Dominic Butsch

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

Seal



WITNESS my hand and official seal.

Arthur P. Arquilla  
Signature of Notary

## Optional Information

To help prevent fraud, it is recommended that you provide information about the attached document below.

\*\*\*This is not required under California State notary public law.\*\*\*

Document Title: \_\_\_\_\_ # of Pages: \_\_\_\_\_

Notes

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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

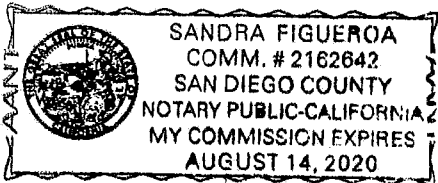
State of California )  
County of SAN DIEGO )

On 11/17/2016 before me, SANDRA FIGUEROA, NOTARY PUBLIC,  
*Date Here Insert Name and Title of the Officer*  
personally appeared MARK D. IATAROLA  
*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.



Signature Sandra Figueroa  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

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

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_

Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: MARK D. IATAROLA

- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Individual  Attorney in Fact
- Trustee  Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Individual  Attorney in Fact
- Trustee  Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY  
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

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

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

and MARK D. IATAROLA

JOINTLY OR SEVERALLY

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

FIFTY MILLION (\$50,000,000.00) DOLLARS

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

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

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



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



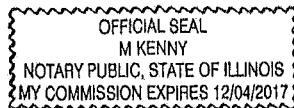
By [Signature]  
Michael A. Ito, Senior Vice President of Washington International Insurance Company  
& Senior Vice President of North American Specialty Insurance Company

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

North American Specialty Insurance Company  
Washington International Insurance Company

State of Illinois  
County of Cook ss:

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



[Signature]  
M. Kenny, Notary Public

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

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 17th day of NOVEMBER, 2016.

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

**CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS**

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

CHECK ONE BOX ONLY.

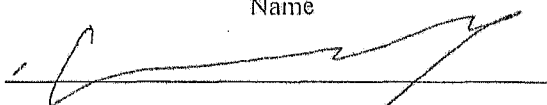
- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
  
- The undersigned certifies that within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

DATE OF CLAIM	LOCATION	DESCRIPTION OF	LITIGATION	STATUS	RESOLUTION/REMEDIAL ACTION
	NONE				

Contractor Name: BURTECH PIPELINE INCORPORATED

Certified By DOMINIC J. BURTECH Title PRESIDENT & CEO

Name



Date 11/22/2016

Signature

USE ADDITIONAL FORMS AS NECESSARY

**EQUAL BENEFITS ORDINANCE  
CERTIFICATION OF COMPLIANCE**



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

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

CONTRACT INFORMATION	
Contract Title:	<b>PIPELINE REHABILITATION AG-1</b> Start Date: <b>FEB. 2017</b>
Contract Number (If no number, state location):	<b>K-17-1407-DBB-3</b> End Date: <b>MAY 2018</b>

**SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS**

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

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

NOTE: This summary is provided for convenience. Full text of the EBO and Rules implementing the EBO are available at [www.sandiego.gov/administration](http://www.sandiego.gov/administration).

**CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION**

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

I affirm **compliance** with the EBO because my firm (*contractor must select one reason*):

- Provides equal benefits to spouses and domestic partners.
- Provides no benefits to spouses or domestic partners.
- Has no employees.
- Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.

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

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]  
 Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

**Dominic J. Burtech / President & CEO** \_\_\_\_\_ 11/22/2016  
 Name/Title of Signatory Signature Date

FOR OFFICIAL CITY USE ONLY		
Receipt Date:	EBO Analyst:	<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved - Reason:



**Bid Results for Project Pipeline Rehabilitation AG-1 (K-17-1407-DBB-3)**

Issued on 10/20/2016

Bid Due on November 22, 2016 2:00 PM (Pacific)

Exported on 11/23/2016

VendorID	Company Name	Address	City	ZipCode	Contact	Phone	Fax	Email	Vendor Type
289090	Burtech Pipeline Incorporated	102 Second Street	Encinitas	92024	Buddy Aquino	760-634-2822	760-634-2415	buddy@burtechpipeline.com	PQUAL,CADIR,Local

Responsee	Responsee Title	Responsee Phone	Responsee Email
Buddy Aquino	Chief Estimator	760-634-2822	buddy@burtechpipeline.com

Bid Format	Submitted Date	Delivery Method	Responsive	Status	Confirmation #	Ranking
Electronic	November 22, 2016 1:33:05 PM (Pacific)			Submitted	93031	0

Attachments		
File Title	File Name	File Type
Contractors Certification	Contractors 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	\$26,000.00	\$26,000.00
2	Main Bid	238990	Video Recording of Pre-existing Conditions	LS	1	7-9.1.1	\$1,000.00	\$1,000.00
3	Main Bid	237310	Traffic Control	LS	1	601-6	\$5,000.00	\$5,000.00
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	\$110,000.00	\$110,000.00
6	Main Bid	237310	Asphalt Pavement Repair	TON	15	302-3.2	\$349.50	\$5,242.50
7	Main Bid	237310	Pavement Restoration Adjacent to Trench	SF	15000	302-5.2.1	\$1.00	\$15,000.00
8	Main Bid	237310	Rubber Polymer Modified Slurry Type III and Striping	SF	17000	302-4.12.4	\$1.00	\$17,000.00
9	Main Bid	237310	Rubber Polymer Modified Slurry Type I over Rubber Polymer Modified Slurry Type III	SF	30000	302-4.12.4	\$1.23	\$36,900.00
10	Main Bid	237310	Additional Curb and Gutter	LF	60	303-5.9	\$20.00	\$1,200.00
11	Main Bid	237310	Cross Gutter	SF	200	303-5.9	\$18.00	\$3,600.00
12	Main Bid	237310	Commercial Concrete Driveway	SF	400	303-5.9	\$22.50	\$9,000.00
13	Main Bid	237310	Curb Ramp Type B with Stainless Steel Detectable Warning Tiles	EA	4	303-5.10.2	\$3,250.00	\$13,000.00
14	Main Bid	237310	Curb Ramp Type C1 with Stainless Steel Detectable Warning Tiles	EA	4	303-5.10.2	\$3,500.00	\$14,000.00
15	Main Bid	237110	Trench Shoring	LS	1	306-15.2	\$3,000.00	\$3,000.00
16	Main Bid	237110	Additional Bedding	CY	1	306-15.1	\$1.00	\$1.00
17	Main Bid	237310	Temporary Resurfacing	TON	50	306-15.9	\$1.00	\$50.00
18	Main Bid	237110	Imported Backfill for trench	TON	200	306-15.12	\$5.00	\$1,000.00
19	Main Bid	237110	Sewer Main Cleanout	EA	29	306-17.2	\$3,793.00	\$109,997.00
20	Main Bid	237110	8-Inch Sewer Main	LF	662	306-15.1	\$100.00	\$66,200.00
21	Main Bid	237110	Manholes (4 x 3)	EA	4	306-16.6	\$9,000.00	\$36,000.00
22	Main Bid	237110	Sewer Lateral & Cleanout (4-Inch, Street)	EA	15	306-17.2	\$2,800.00	\$42,000.00
23	Main Bid	237110	Sewer Lateral Connection	EA	15	306-17.2	\$1.00	\$15.00

Bid Results for Project Pipeline Rehabilitation AG-1 (K-17-1407-DBB-3)

Line Items								
Item Num	Section	Item Code	Description	Unit of Measure	Quantity	Reference	Unit Price	Line Total
24	Main Bid	237110	Abandon and Fill Existing Existing 8 Inch Sewer Main Outside of Trench Limit	LF	10	306-3.3.3	\$30.00	\$300.00
25	Main Bid	237110	Cleaning Cast Iron Pipe for Rehabilitation	LF	72	306-18.7	\$35.00	\$2,520.00
26	Main Bid	237110	Video Inspecting pipelines and culverts for Acceptance	LF	37525	306-18.7	\$0.70	\$26,267.50
27	Main Bid	237110	Cleaning and Video Inspection of Existing Pipelines	LF	37525	306-18.7	\$0.70	\$26,267.50
28	Main Bid	237110	Rehabilitate 8-Inch Sewer Main	LF	35922	500-1.1.9	\$23.00	\$826,206.00
29	Main Bid	237110	Point Repair for Existing 8 -Inch Sewer Main	EA	13	500-1.2.7	\$1.00	\$13.00
30	Main Bid	237110	Additional Point Repair for Existing 8-Inch Sewer Main	LF	100	500-1.2.7	\$1.00	\$100.00
31	Main Bid	237110	Service Lateral Connection	EA	797	500-4.9	\$825.00	\$657,525.00
32	Main Bid	237110	4-Inch Service Lateral Lining with Cleanout up to 7 Feet in Depth	EA	434	500-1.6.6	\$1,725.00	\$748,650.00
33	Main Bid	237110	4-Inch Service Lateral Lining with Cleanout Greater than 7 Feet in Depth	EA	356	500-1.6.6	\$1,300.00	\$462,800.00
34	Main Bid	237110	6-Inch Service Lateral Lining with Cleanout up to 7 Feet in Depth	EA	7	500-1.6.6	\$1.00	\$7.00
35	Main Bid	237110	6-Inch Service Lateral Lining with Cleanout Greater than 7 Feet in Depth	EA	8	500-1.6.6	\$1.00	\$8.00
36	Main Bid	237110	Rehabilitate Existing Manhole	EA	28	500-2.10.2	\$1,495.00	\$41,860.00
37	Main Bid	237110	Repair Existing Manhole	EA	11	500-2.3	\$1,875.00	\$20,625.00
38	Main Bid	541330	Water Pollution Control Program Development	LS	1	7-8.6.4.2	\$550.00	\$550.00
39	Main Bid	237990	Water Pollution Control Program Implementation	LS	1	7-8.6.4.2	\$1,500.00	\$1,500.00
40	Main Bid	237110	Sewage Bypass and Pumping Plan (Diversion Plan)	LS	1	7-8.5.4	\$500.00	\$500.00
41	Main Bid	237110	Pipe Burst 8" CI Pipe	LF	72	316-9	\$1.00	\$72.00
							<b>Subtotal</b>	<b>\$3,360,976.50</b>
							<b>Total</b>	<b>\$3,360,976.50</b>

Subcontractors							
Name	Description	License Num	Amount	Type	Address	City	ZipCode
SoCal Stormwater	Bid Item 38 - WPCP Development	3483049	\$520.00		PO Box 25158	Los Angeles	90025
SealRight Paving, Inc.	Bid Items 6, 7, 20, 21, 22, 29 & 30 for Related Asphalt Grind and Paving Scopes	364113	\$101,414.40	NAT,MALE,PQUAL, MBE,CADIR	9053 Olive Dr.	Spring Valley	91977
G. Scott Asphalt, Inc.	Bid Items 8 & 9 for RPMS Scopes only	751836	\$43,650.00	CAU,MALE,PQUAL, SLBE,DVBE,SDVSB	358 Trousdale Drive	Chula Vista	91910
Zebbron Contracting, Inc	Bid Items 36 & 37 for Rehabilitation of existing Manholes	855170	\$58,305.00		P.O. Box 2874	Newport Beach	92659
Nu-Line Technologies, LLC	Bid Items 25,26,27,28 & 31 for Cleaning, CCTV, Main Rehabilitation and Service Lateral Connections	997520	\$1,414,852.50	FEM,MBE,CADIR, WBE	102 Second Street, Suite B	Encinitas	92024
YBS CONCRETE INC.	Items 10,11,12,13 & 14 for Curb Ramps, Cross Gutter and Driveway	885270	\$44,100.00	CADIR,ELBE,LAT, MALE	821 KUHN DR. STE 204	CHULA VISTA	91914

<b>Self-Performance</b>
50.54%

# City of San Diego

CITY CONTACT: Michelle Muñoz - Contract Specialist, Email: MichelleM@sandiego.gov  
Phone No. (619) 533-3482, Fax No. (619) 533-3633

## ADDENDUM "A"

 - Bidding FOR



## PIPELINE REHABILITATION AG-1

BID NO.:	K-17-1407-DBB-3
SAP NO. (WBS/IO/CC):	B-14118
CLIENT DEPARTMENT:	2000
COUNCIL DISTRICT:	9
PROJECT TYPE:	JA

### BID DUE DATE:

2:00 PM  
NOVEMBER 22, 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:

Andrea Demich      11/10/16  
For City Engineer      Date

Seal:



**A. CHANGES TO CONTRACT DOCUMENTS**

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

**B. BIDDER'S QUESTIONS**

Q1. We would like the City to consider adding more working days to this project. For the last few years on similar rehab projects with Main Lining, Point Repairs, Lateral Cleanouts, and Lateral Lining, the standard has been 275-325 working days, and even this amount of days is tight. 200 working days will not be possible.

A1. The working days have been changed to 300 days. Refer to Item D, 1 of this Addendum. However, Section 6-7 of the SSP still applies.

Q2. The provided repair schedule does not list manhole depths. Please provide as on all other projects.

A2. Manhole Depths have been provided. Refer to Item D, 3 of this Addendum.

Q3. With the amount of trades on this project, we would like to request that the Prime minimum scope be reduced to 30%, as it has been on the previous phase projects. Otherwise this may limit bidding to 1 bidder.

A3. Section 2-3.2 of the SSP, 50% has been reduced to 30%. Refer to Item D, 2 of this Addendum.

Q4. Also, I was interested to see if there is any need for pre-construction surveys of the residential and commercial structures near the anticipated project locations.

A4. No, pre-construction surveys are not needed.

Q5. I was reviewing the solicitation document for this project on PlanetBids and would like to view the technical specifications and civil drawings to identify any need or call for noise/vibration monitoring services control plans.

A5. Technical specs were included in the original bid package.

There are no civil plans for this project. See Appendix H of the bid package for the exhibits showing the scope of work.

In Appendix H, where the maps and spreadsheet are in conflict, the maps shall prevail. For example, FSNs 43798 and 43796 were removed from the SOW on the maps but are still on the spreadsheet.

### C. NOTICE INVITING BIDS

1. To Item 3, Estimated Construction Cost, page 4, **DELETE** in its entirety and **SUBSTITUTE** with the following:

3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$4,380,000.**

### D. ATTACHMENT

1. To Attachment A, Scope of Work, page 20, item 3, Contract Time **DELETE** in its entirety and **SUBSTITUTE** with the following:

3. **CONTRACT TIME:** The Contract Time for completion of the Work, including the Plant Establishment Period, shall be **300 Working Days.**

2. To Attachment E, Supplementary Special Provisions, page 30, Section 2 - Scope and Control of Work, Item 2-3.2 Self Performance, Sub item 1, **DELETE** in its entirety and **SUBSTITUTE** with the following:

**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.

3. To Attachment E, Supplementary Special Provisions, page 75, Appendix H - Overall Project Scope of Work Table and Site Maps **ADD** Manhole Depth on page 6 of this Addendum.

**E. ADDITIONAL CHANGES**

The following are changes in the **Line Items Tab** in **PlanetBids**:

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

<b>Section</b>	<b>Item Code</b>	<b>Description</b>	<b>Unit of Measure</b>	<b>Quantity</b>	<b>Payment Reference</b>
<u>Main Bid</u>	<u>237110</u>	<u>Pipe Burst 8" CI Pipe</u>	<u>LF</u>	<u>72</u>	<u>316-9</u>

James Nagelvoort, Director  
Public Works Department

Dated: *November 10, 2016*  
San Diego, California

JN/JB/Lad

## MANHOLE DEPTH

Map	MH#	ft
Sheet No 1	215	9
	213	9
	212	8
	211	7
	184	13
	185	13
	186	13
	221	3
	223	4
	202	4
	197	3
	196	4
	311	6
	257	6
	260	6
821	17	
Sheet No 2	496	7
	483	5
Sheet No 3	368	7
	391	11
	415	13
	554	8
	419	13
	417	10
	475	7
Sheet No 4	353	7
	354	7
	329	6
	336	9
Sheet No 5	415	9
	413	6
	411	7
	256	5
Sheet No 6	142	6
	316	6
	268	7
	267	5
	266	12
	873	7