

City of San Diego

ORIGINAL

CONTRACTOR'S NAME: Burtech Pipeline Incorporated

ADDRESS: 102 2nd Street, Encinitas, CA 92024

TELEPHONE NO.: 760-634-2822

FAX NO.: 760-634-2415

CITY CONTACT: CLEMENTINA GIORDANO, Contract Specialist, Email: Cgiordano@sanidiego.gov

Phone No. (619) 533-3481, Fax No. (619) 533-3633

M.Jimenez/RWBustamante/egz

CONTRACT DOCUMENTS



FOR

PIPELINE REHABILITATION Z-1

VOLUME 1 OF 2

BID NO.: K-15-1302-DBB-3

SAP NO. (WBS/IO/CC): B-13209

CLIENT DEPARTMENT: 2011

COUNCIL DISTRICT: 4

PROJECT TYPE: JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

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

BID DUE DATE:

2:00 PM

APRIL 21, 2015

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

1010 SECOND AVENUE, 14th FLOOR, MS 614C

SAN DIEGO, CA 92101

ENGINEER OF WORK

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

S. Bose
For City Engineer

3/4/15
Date

Seal:

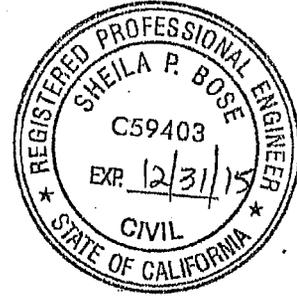


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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

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

1.	SLBE participation	4.5%
2.	ELBE participation	10.8%
3.	Total mandatory participation	15.3%
 - 4.2. The Bidders are strongly encouraged to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract. See the City's document titled "SLBE Program, Instructions For Bidders Completing The Good Faith Effort Submittal" available at: <http://www.sandiego.gov/eoc/>
 - 4.3. The Bid will be declared **non-responsive** if the Bidder fails the following mandatory conditions:
 - 4.3.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR.
 - 4.3.2. Bidder's submission of Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good

faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within **3 Working Days** of the Bid opening if the overall mandatory participation percentage is not met.

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

5. PRE-BID MEETING:

5.1. There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracts, Conference Room at 1010 Second Avenue 14th Floor, San Diego, CA 92101, at **10:00 AM**, on **APRIL 2, 2015**.

5.2. All potential bidders are encouraged to attend.

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

6. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

6.2. The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer.

7. **JOINT VENTURE CONTRACTORS:** Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 2-1.1.2, "Joint Venture Contractors" in The WHITEBOOK for details.

8. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.

8.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the

California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

8.1.1. 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.

8.1.2. 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.

8.2. 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.

8.3. 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.

8.3.1. 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.

8.4. 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.

- 8.5. 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.
- 8.6. 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.
- 8.7. 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.”
- 8.8. 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.
- 8.9. 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.
- 8.9.1.** 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.

9. INSURANCE REQUIREMENTS:

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

10. PREQUALIFICATION OF CONTRACTORS:

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

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

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

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

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”)	2012	PITS070112-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)*	2012	PITS070112-02
City of San Diego Standard Drawings*	2012	PITS070112-03
Caltrans Standard Specifications	2010	PITS070112-04
Caltrans Standard Plans	2010	PITS070112-05
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use (when specified)*	Varies	Varies
Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84	1984	769023

Title	Edition	Document Number
NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml		

12. **CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.

13. **CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.

14. **CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2.

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

16. **AWARD PROCESS:**
 - 16.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.

 - 16.2. Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.

 - 16.3. This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.

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

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

19. SUBMISSION OF QUESTIONS:

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

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

OR:

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

- 19.2.** Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 19.3.** Clarifications deemed by the City to be material shall be issued by Addenda and uploaded to the City's online bidding service.
- 19.4.** Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
- 20. ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
- 21. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms with the Notice Inviting Bids and Contract forms.
- 22. PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.
- 22.1.** Bidder shall complete and submit all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Bid. The entire specifications for the bid package do not need to be submitted with the bid.

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

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

- 23.1. 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% total bid amount.
- 23.2. 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.
- 23.3. 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.
- 23.4. A Bid received without the specified bid security may be rejected as **non-responsive**

24. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 24.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 24.2. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules will be rejected as being non-responsive.
- 24.3. The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 24.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.
- 24.5. A non-selected Bidder may protest award of the Contract to the selected Bidder by submitting a written "Notice of Intent to Protest" including supporting documentation which shall be received by Public Works Contracts no later than 10 days after the

City's announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsive in accordance with San Diego Municipal Code Chapter 2, § 22.3029, "Protests of Contract Award."

- 24.6. The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 24.7. Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 24.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of any proposed alternates, additive items or options, at its discretion that will be disclosed in the Volume 2 of 2.

25. BID RESULTS:

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

26. THE CONTRACT:

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

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

29. PRE-AWARD ACTIVITIES:

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

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

30. PHASED FUNDING:

For additional Phased Funding Provisions, see Attachment B.

31. REQUIRED DOCUMENT SCHEDULE:

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

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

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

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
8.	WITHIN 3 WORKING DAYS OF BID OPENING	ALL BIDDERS	SLBE Good Faith Efforts Documentation
9.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Form AA60 – List of Work Made Available
10.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.
11.	WITHIN 5 WORKING DAYS OF BID OPENING	THREE APPARENT LOW BIDDERS	Contractor's Experience and Past Project Documentation. See Section 500.
12.	WITHIN 5 WORKING DAYS OF BID OPENING	THREE APPARENT LOW BIDDERS	<ul style="list-style-type: none"> • Manufacturer Certification per Section 500-1.1.2.1
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Phased Funding Schedule Agreement (when required)
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Pre-Award Schedule (Phased Funded Contracts Only)
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
20.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
21.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
22.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
23.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

**CONTRACT FORMS
AGREEMENT**

CONTRACT FORMS

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Burtech Pipeline Incorporated** _____, herein called "Contractor" for construction of **Pipeline Rehabilitation Z-1; Bid No. K-15-1302-DBB-3**; in the amount of **One Million Two Hundred Ninety Nine Thousand One Hundred Seven Dollars and .50/100 (\$1,299,107.50)**, which is comprised of the Base Bid Only.

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

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) Phased Funding Schedule Agreement.
 - (e) That certain documents entitled **Pipeline Rehabilitation Z-1**, on file in the office of the Public Works Department as Document No. **B-13209**, 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 Z-1**, Bid Number **K-15-1302-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

CONTRACT FORMS (continued)

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Jan I. Goldsmith, City Attorney

By 

By 

Print Name: Stephen Samara,
Principal Contract Specialist (Acting)

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

Date: 7-8-15

Date: 7/9/15

CONTRACTOR

By 
BURTECH PIPELINE INCORPORATED

Print Name: DOMINIC J. BURTECH

Title: PRESIDENT & CEO

Date: 05/11/2015

City of San Diego License No.: B1996002066

State Contractor's License No.: 718202

CONTRACT FORMS
ATTACHMENTS

**CONTRACT FORMS ATTACHMENTS
PERFORMANCE BOND AND 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
One Million Two Hundred Ninety Nine Thousand One Hundred Seven Dollars and .50/100
(\$1,299,107.50), for the faithful performance of the annexed contract, and in the sum of One
Million Two Hundred Ninety Nine Thousand One Hundred Seven Dollars and .50/100
(\$1,299,107.50), for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract **Pipeline Rehabilitation Z-1**,
Bid Number **K-15-1302-DBB-3**, San Diego, California then the obligation herein with respect to a
faithful performance shall be void; otherwise it shall remain in full force.

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

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

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

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

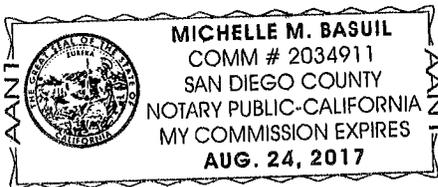
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of SAN DIEGO)
On 5/7/2015 before me, MICHELLE M. BASUIL, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer
personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature *Michelle M. Basuil*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

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

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

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

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

GLENDA J. ROONEY, and MARK D. IATAROLA

JOINTLY OR SEVERALLY

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

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

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

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

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



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



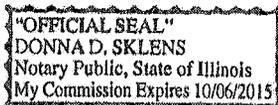
By [Signature] David M. Layman, Vice President of Washington International Insurance Company & Vice President of North American Specialty Insurance Company

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 9th day of May, 2014.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 9th day of May, 2014, 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 David M. Layman, Vice President of Washington International Insurance Company and 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] Donna D. Sklens, 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 7TH day of MAY, 2015.

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

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.

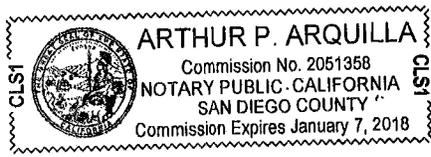
On 5/12/15 before me, Arthur P. Arquilla, Notary Public
(here insert name and title of the officer)
personally appeared Dominic Butsch

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

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

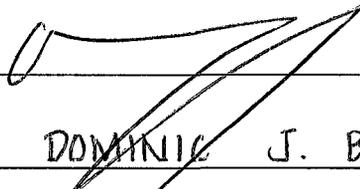
PROJECT TITLE: Pipeline Rehabilitation Z-1

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;

BURTECH PIPELINE INCORPORATED

(Name under which business is conducted)

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

Signed  _____

Printed Name DOMINIC J. BURTECH

Title PRESIDENT & CEO

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Pipeline Rehabilitation Z-1

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

BURTECH PIPELINE INCORPORATED

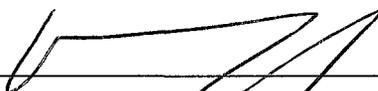
(Name under which business is conducted)

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

Signed

Printed Name

Title



DOMINIC J. BURTECH

PRESIDENT & CEO

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: Pipeline Rehabilitation Z-1

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

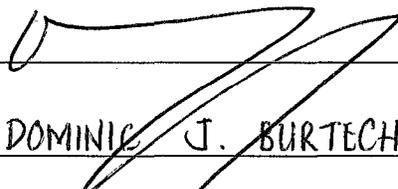
I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3224.

Dated this 11th Day of MAY, 2015.

Signed _____

Printed Name _____

Title _____


DOMINIC J. BURTECH
PRESIDENT & CEO

AFFIDAVIT OF DISPOSAL

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

Pipeline Rehabilitation Z-1

(Name of Project)

as particularly described in said contract and identified as Bid No. **K-15-1302-DBB-3**; SAP No. (WBS/IO/CC) **B-13209**; 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

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** Pipe rehabilitation of approximately 13,469 LF of existing VC sewer mains, point repairs, manhole rehabilitation, manhole replacement, sewer main cleanouts, rehabilitation of existing sewer laterals, curb ramps and street resurfacing.
 - 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids, inclusive.
2. **CONSTRUCTION COST:** The City's estimated construction cost for this contract is **\$1,600,000.**
3. **LOCATION OF WORK:** See the Location Map attached as Appendix E.
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **170 Working Days.**
5. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

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

Option	Classifications
1	CLASS A
2	CLASS C34

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

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PHASED FUNDING:

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

PHASED FUNDING SCHEDULE AGREEMENT

Check one:

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

NOTE: THIS IS A SAMPLE PHASED FUNDING SCHEDULE AGREEMENT FORM. Particulars left blank in this sample, the total number of phases, and the amounts assigned to each phase will be filled with funding specific information as the result of the Pre-Award Schedule, and subsequent Schedules, required by these Bid Documents and approved by the City.

BID NUMBER: _____

CONTRACT OR TASK TITLE: _____

CONTRACTOR: _____

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1				\$
	<u>Additional phases to be added</u>			
	<u>to this form as necessary.</u>			
			Total	\$

Notes:

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

CITY OF SAN DIEGO

CONTRACTOR

By: _____

By: _____

Name: _____
Project Manager

Name: _____

Department Name: _____

Title: _____

Date: _____

Date: _____

-END OF PHASED FUNDING SCHEDULE AGREEMENT-

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM

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

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

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

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

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

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

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

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

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

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

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

ATTACHMENT D
INTENTIONALLY LEFT BLANK

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

- 1) Standard Specifications for Public Works Construction (The GREENBOOK) currently in effect.
 - 2) The City of San Diego Standard Specifications for Public Works Construction (The WHITEBOOK).
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SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS

1-2 TERMS AND DEFINITIONS.

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

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

SECTION 2 - SCOPE AND CONTROL OF WORK

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

1. You must perform, with your own organization, Contract work amounting to at least 25% of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.
2. The self performance percentage requirement will be waived for contracts when a “B” License is required or allowed.

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

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

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

The Product Submittal Form is available for download at:

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

SECTION 4 - CONTROL OF MATERIALS

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

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

ADD:

4-1.3.7 **Testing Under the Direction of The Engineer.** When a bid item for Testing under the direction of the Engineer is provided, the Contractor must employ and pay for the services of a qualified third party independent laboratory to perform the required testing. The Contractor will be reimbursed for the cost of testing under this bid item

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

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

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

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

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

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

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

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

7-3.1 **Policies and Procedures.**

1. You must procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.

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

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

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

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

7-3.2.2

Commercial Automobile Liability Insurance.

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

7-3.2.3

Contractors Pollution Liability Insurance.

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

7-3.3

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance.

7-3.5.1.1 Additional Insured.

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

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

7-3.5.1.3 Project General Aggregate Limit. The policy or policies must be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work must reduce

the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

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

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

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

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

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

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

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

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

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

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

1. For contracts with required engineering services (e.g., Design-Build, preparation of engineered Traffic Control Plans (TCP), etc. by the Contractor) for all of your employees or Subcontractors who provide professional engineering services under this contract, you must keep or must require its Subcontractor keep in full force and effect, Professional Liability coverage with a limit of **\$1,000,000** per claim and **\$2,000,000** annual aggregate.
2. You must ensure both that: (a) the policy retroactive date is on or before the date of commencement of the Project; and (b) the policy will be maintained in force for a period of 3 years after completion of the Project or termination of this contract whichever occurs last. You agree that for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
3. If professional engineering services are to be provided solely by the Subcontractor, you must (a) certify this to the City in writing and (b) agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth above.

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

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

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

2. Limits for this insurance must be not less than the following:

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

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

7-4.1.1 Waiver of Subrogation. The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

7-8.6 Water Pollution Control. ADD the following:

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

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

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

1. Imperial Avenue

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

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

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

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

ADD:

7-16 COMMUNITY OUTREACH.

7-16.1 General.

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

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

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

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

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

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

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

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

7-16.2 Submittals.

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

7-16.3 Public Notice by Contractor.

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

7-16.4 Quality Assurance.

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

7-16.5 Communications with the Public.

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

7-16.6 Communications with Media.

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

7-16.7 Exclusive Community Liaison Services. If directed to conduct Exclusive Community Liaison Services, the Contractor shall retain an Exclusive Community Liaison for the Project whose sole responsibilities will be as follows:

1. Develop a contact list of community, tenants, property owners, and agencies with a stake in the project.
2. Notify businesses, institutions, property owners, and residents of the commencement of construction activities and utility service interruptions not less than 5 days in advance.
3. Coordinate access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project.
4. Prepare and present of materials in coordination with the Resident Engineer (the City's standards and guidelines for the communication materials are available for review by Bidders by sending a request to the Contract Specialist).
5. Respond to community questions and complaints related to Contractor activities.
6. Write, edit, update, or produce brochures, pamphlets and news releases.
7. Provide standard telephone inquiries and e-mail responses:
 - a) Respond to telephone calls and e-mails from the public.
 - b) Record calls and e-mails on the City's SDSshare site.
8. Report Exclusive Community Liaison activities at all progress meetings scheduled by the Resident Engineer.
9. Attendance at pre-construction, community and stakeholders meetings.

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

7-16.8 Payment. The Payment for the community outreach and public notices is included in the various Bid items. The payment for exclusive community liaison is in the bid item for "Exclusive Community Liaison Services".

7-20 ELECTRONIC COMMUNICATION. ADD the following:

Virtual Project Manager will be used on this contract.

SECTION 9 - MEASUREMENT AND PAYMENT

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

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

ADD:

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

SECTION 203 – BITUMINOUS MATERIALS

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

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

ADD the following:

RPMS shall be used on this contract.

SECTION 207 – PIPE

207-17.2.3 **Pipe Manufacturer.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

PVC products as manufactured or distributed by J-M Manufacturing Company shall not be used on the Contract for pressurized pipe **unless specified otherwise.**

207-27 **FUSIBLE NON-PRESSURE POLYVINYLCHLORIDE PIPE.** DELETE in its entirety.

SECTION 212 - LANDSCAPE AND IRRIGATION MATERIALS

ADD:

212-3.2.2.3 **Trench Marker Tape.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

- a) Trench marker tape shall be 6” wide and consist of a minimum 5.0 mil, five-ply 100% virgin polyethylene which is acid, alkaline and corrosion resistant. Elongation properties and tensile strength of not less than 7,800 psi shall be in accordance with ASTM D882-80A. The trench marker tape

for water lines shall have a minimum 20 gauge solid aluminum foil core, adhered to a 2.55 mil polyethylene backing.

- b) Tape color and legend shall be placed beneath the top protective layer subject to the following:
1. Blue with “Caution Potable Water Line Buried Below” for Water mainlines and over pipe sleeves.
 2. Purple with “Caution Recycled/Reclaimed Water Line Buried Below” for recycled water irrigation mainlines.
 3. Red with “Caution Electric Line Buried Below” for electrical lines servicing the irrigation system, including, but not limited to, 110/220v power to irrigation controllers and pumps, communication cables and irrigation direct burial control wires to remote control valves.
 4. Green with “Caution Sewer Line Buried Below” for Sewer mainlines and over pipe sleeves.

SECTION 300 - EARTHWORK

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

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

SECTION 302 – ROADWAY SURFACING

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

302-3 **PREPARATORY REPAIR WORK.**

1. Prior to roadway resurfacing or the application of slurry, the Contractor shall complete all necessary preparation and repair work to the road segment e.g., tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc. and as specified in the Special Provisions.
2. Preparatory work shall include, but not be limited to, tree trimming, weed spray, weed abatement, crack sealing, asphalt repair i.e., mill and pave, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc.

3. The Contractor shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2" for Residential streets, and a minimum depth of 3" for all others to expose firm and unyielding pavement. The Contractor shall prepare subgrade as needed and install a minimum of 2" for residential streets, and a minimum of 3" for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
4. If, in order to achieve the minimum specified depth, the base material is exposed, the material shall be compacted to 95% relative compaction to a depth 10" below the finished grade (dig out). Compaction tests shall be made to ensure compliance with the specifications. The Engineer will determine when and where the test will occur. The City will pay for the soils testing required by the Engineer, which meets the required compaction. The Contractor shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, the Contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Crushed Aggregate Base."
5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Aggregate Base."
6. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4 "Tack Coat."
7. The Contractor shall install new asphalt within the repair area or for patches in accordance with 302-5, "ASPHALT CONCRETE PAVEMENT." Asphalt concrete shall be C2-PG 64-10 in compliance with 400-4, "ASPHALT CONCRETE."
8. No preparatory asphalt work shall be done when the atmospheric temperature is below 50 °F or during unsuitable weather.
9. Following the asphalt placement, the Contractor shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2 "Density and Smoothness." After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
10. The minimum dimension for each individual repair shall be 4' x 4' and shall be subject to the following conditions:
 - a) If the base material is exposed to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, "SUBGRADE PREPARATION."
 - b) When additional base material is required, then the contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Crushed Aggregate Base." Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Base."

- c) The Contractor may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.
- d) For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt. The areas for scheduled repairs have been marked on the street.

302-3.1 Asphalt Patching.

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

302-3.2 Payment.

- 1. Payment for replacement of existing pavement when required shall be included in the unit bid price for Asphalt Pavement repair for the total area replaced and no additional payment shall be made regardless of the number of replacements completed. No payment shall be made for areas of over excavation or outside trench areas in utility works unless previously approved by the Engineer. No

payment for pavement replacement will be made when the damage is due to the Contractor's failure to protect existing improvements. The Contractor shall reimburse the City for the cost of retesting all failing compaction tests.

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

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

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

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

SECTION 306 - UNDERGROUND CONDUIT CONSTRUCTION

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

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.8	House Connection Sewer (Laterals) and Cleanouts	306-1.9
306-1.7.1	Payment	306-1.9.1
306-1.7.2	Sewer Lateral with Private Replumbing	306-1.9.2
306-1.7.2.1	Location	306-1.9.2.1
306-1.7.2.2	Permits	306-1.9.2.2

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.7.2.3	Submittals	306-1.9.2.3
306-1.7.2.4	Trenchless Construction	306-1.9.2.4
306-1.7.2.5	Payment	306-1.9.2.5
306-1.7.3.6	Private Pump Installation	306-1.9.2.6
306-1.7.3.7	Payment	306-1.9.2.7

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

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

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

306-22 PIPE FUSION. DELETE in its entirety.

SECTION 500 – PIPELINE

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

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

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

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

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

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

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

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

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

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

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

ADD:

500-1.6 Service Lateral Rehabilitation.

500-1.6.1 General.

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

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

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

500-1.6.2 Material.

- a) The tube shall consist of one or more layers of flexible needled felt, or an equivalent material. Where the tube is fabricated from non woven felt, the longitudinal and circumferential joints are made up by seal bonding. The tube shall be capable of conforming to bends, off-set joints, bells, and disfigured pipe sections. The resin and catalyst system as designed for the specific

application shall meet the chemical resistance requirements of 210-2.3.3, "Chemical Resistance Test (Pickle Jar Test)."

- b) The composite of the materials above shall, upon installation inside the host pipe, shall exceed the minimum test standards specified in Table 500-1.4.2 (A).

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

- a) The Property Owner of the lateral being reconstructed shall be informed, and the flow stopped, for the period of reconstruction work.
- b) The Contractor shall excavate an access pit at the appropriate upstream point on the service lateral in accordance with the reconstruction length determined by the Engineer.
- c) The Contractor shall always clean and color video the lateral line immediately prior to reconstruction and determine the structural condition of the pipeline. Roots, debris, and protruding service connections shall be removed prior to reconstruction.
- d) The tube shall be inspected for torn or frayed sections. The tube in good condition shall then be vacuum impregnated with the thermoset resin.
- e) No open pans or uncontrolled open-air pouring of resin shall be allowed during tube saturation. Resin shall be contained within the inflation bladder during vacuum impregnation and insertion. The Contractor shall ensure that no public property is exposed to contamination by liquid resin compounds or components.
- f) The saturated tube along with the inflation bladder shall be inserted into the installation equipment and the end closed. The entire installation equipment shall be placed in the pipe access pit and aligned with the exposed end of the pipe.
- g) The resin and tube shall be completely protected during the placement. The resin shall not be contaminated or diluted by exposure to dirt, debris, or water during the placement.
- h) The tube shall be installed from the installation equipment by controlled air, water or steam pressure as in accordance with manufacturer instructions. The installation shall be stopped when the tube extends the entire length of the lateral section to be lined. The tube is held tightly in place against the wall of the host pipe by the pressure until the cure is complete.
- i) When the curing process is complete, the pressure is released and the inflation bladder reverted back into the installation equipment and removed from the pit.
- j) No barriers, coatings, or any material other than the cured tube or resin composite specifically designed for desirable physical and chemical resistance properties shall be left in the host pipe. Any materials used in the installation other than the cured tube or resin composite shall be removed.

- k) Any cured tube or resin composite pipe left protruding from the service connection shall be trimmed back using a hydraulic-powered robotic cutting device specifically designed for cutting cured-in-place pipe made from these materials.
- l) A second color video inspection shall be performed to verify the proper cure of the material, the proper trim of service connection, and the integrity of the seamless pipe.
- m) The bypass pumping system shall be removed and the sewer flows restored to normal flow conditions. The service lateral pipes shall be coupled together. The excavation shall be properly backfilled. The property owner of the service connection shall be informed when the Work is complete.

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

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

500-1.6.6 **Payment.**

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

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

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

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

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

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

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

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

500-4.1

General.

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

500-4.2

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

500-4.3

General Corrosion Requirements.

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

500-4.4

SLC Materials.

- a) A flexible, felt tube shall be fabricated to neatly fit the internal circumference of the conduit specified by the City. Allowance shall be made for circumferential stretching during insertion.

- b) The SLC connection shall extend minimum 4" from the mainline into the lateral.
- c) The Contractor shall furnish a specially designed, unsaturated polyester or vinyl ester resin, and catalyst system compatible with the SLC process that provides cured physical strengths specified herein.

500-4.5 Physical Properties.

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

500-4.6 Installation Preparation.

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

500-4.7

SLC Installation.

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

500-4.8

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

500-4.9

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

SECTION 705 – WATER DISCHARGES

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

SECTION 707 – RESOURCE DISCOVERIES

ADD:

- 707-1.1 Environmental Document.** The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption** for **Pipeline Rehabilitation Z-1**, as referenced in the Contract Appendix. You must comply with all requirements of the **Notice of Exemption** as set forth in the Contract Appendix A.

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

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

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

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

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

PROJECT NO.: B-13209.02.06

PROJECT TITLE: Pipeline Rehabilitation Z-1

PROJECT LOCATION-SPECIFIC: The project is located within City-owned easements and the public right-of-way along portions of the following streets within Mid-City: Eastern Area, Skyline-Paradise Hills, and Encanto Southeastern San Diego Community Planning Areas (Council District 4): Tilden Street, Elm Street, Brookline Street, Date Street, Cotton Street, Castana Street, Nogal Street, 47th Street, Cereza Street, Escuela Street, Imperial Avenue, Ocean View Boulevard, S. Willie James Jones Avenue, Bunnell Street, 48th Street, 49th Street, Solola Avenue, Sabre Street, Encinitas Avenue, Guatay Street, Glencoe Drive, Bonsall Street, San Vicente Street, Rytko Street, Pala Street, Meadowbrook Drive, and Siena Street.

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

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: The project will rehabilitate approximately 14,044 LF (2.66 miles) of existing 8-inch and 10-inch vitrified clay sewer mains identified by the Public Utilities Department as needing maintenance and rehabilitation due to age and deterioration. The project also includes point repairs, manhole replacement, manhole rehabilitation, sewer lateral rehabilitation, street resurfacing, and new curb ramps and cleanouts. Rehabilitation would be achieved using trenchless technology. Point repairs and replacement of existing manholes would require open trenching occurring within the existing trench alignments.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: Sarah Chavez, Associate Civil Engineer, City of San Diego Public Works - Engineering & Capital Projects, 525 B Street, Suite 750, MS 908A, San Diego, CA 92101 Tel: (619) 533-6902

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], 15302(c) [Replacement or Reconstruction], and 15303 [New Construction]
() STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: The City of San Diego has conducted an environmental review and determined the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Sections 15301(b), which allows for repair, maintenance, and minor alteration of existing public facilities used to provide sewerage involving negligible or no expansion of capacity (i.e. rehabilitation of sewer mains, manholes, and sewer laterals; point repairs; and manhole replacement); Section 15302(c) allowing replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity (i.e. point repairs and manhole replacement); Section 15303 allowing construction and location of limited numbers of new small facilities or structures (i.e. new curb ramps and cleanouts); and where the exceptions listed in 15300.2 would not apply. The project would involve rehabilitation of existing sewer facilities for repair purposes only. Open trenching for point repairs and replacement of existing manholes would occur within previously disturbed soils occurring as a result of the installation of the original sewer system. This project meets all of the CEQA requirements listed above.

LEAD AGENCY CONTACT PERSON: KERRY SANTORO

TELEPHONE: (619) 446-5121

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

Kerry M. Santoro
SIGNATURE/TITLE

NOVEMBER 18, 2014
(Date)

CHECK ONE:
(X) SIGNED BY LEAD AGENCY
() SIGNED BY APPLICANT

DATE RECEIVED FOR FILING AT OPR:

Revised November 17, 2014 AE

APPENDIX B
FIRE HYDRANT METER PROGRAM

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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

3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.

3.3 **Backflow Preventor:** A Reduced Pressure Principal Assembly connected to the outlet side of a Fire Hydrant Meter.

4. **POLICY**

4.1 The Water Department shall collect a deposit from every customer requiring a fire hydrant meter and appurtenances prior to providing the meter and appurtenances (see Section 7.1 regarding the Fees and Deposit Schedule). The deposit is refundable upon the termination of use and return of equipment and appurtenances in good working condition.

4.2 Fire hydrant meters will have a 2 ½" swivel connection between the meter and fire hydrant. The meter shall not be connected to the 4" port on the hydrant. All Fire Hydrant Meters issued shall have a Reduced Pressure Principle Assembly (RP) as part of the installation. Spanner wrenches are the only tool allowed to turn on water at the fire hydrant.

4.3 The use of private hydrant meters on City hydrants is prohibited, with exceptions as noted below. All private fire hydrant meters are to be phased out of the City of San Diego. All customers who wish to continue to use their own fire hydrant meters must adhere to the following conditions:

a. Meters shall meet all City specifications and American Water Works Association (AWWA) standards.

b. Customers currently using private fire hydrant meters in the City of San Diego water system will be allowed to continue using the meter under the following conditions:

1. The customer must submit a current certificate of accuracy and calibration results for private meters and private backflows annually to the City of San Diego, Water Department, Meter Shop.

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

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.

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

11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
 12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
 13. The outlet shall have a 2 ½ “National Standards Tested (NST) fire hydrant male coupling.
 14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).
- 4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.
- 4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.

4.6 Conditions and Processes for Issuance of a Fire Hydrant Meter

Process for Issuance

- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 5 OF 10	EFFECTIVE DATE October 15, 2002
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2. Construction and maintenance related activities (see Tab 2).
 - b. No customer inside or outside the boundaries of the City of San Diego Water Department shall resell any portion of the water delivered through a fire hydrant by the City of San Diego Water Department.
 - c. The City of San Diego allows for the issuance of a temporary fire hydrant meter for a period not to exceed 12 months (365 days). An extension can only be granted in writing from the Water Department Director for up to 90 additional days. A written request for an extension by the consumer must be submitted at least 30 days prior to the 12 month period ending. No extension shall be granted to any customer with a delinquent account with the Water Department. No further extensions shall be granted.
 - d. Any customer requesting the issuance of a fire hydrant meter shall file an application with the Meter Section. The customer must complete a "Fire Hydrant Meter Application" (Tab 1) which includes the name of the company, the party responsible for payment, Social Security number and/or California ID, requested location of the meter (a detailed map signifying an exact location), local contact person, local phone number, a contractor's license (or a business license), description of specific water use, duration of use at the site and full name and address of the person responsible for payment.
 - e. At the time of the application the customer will pay their fees according to the schedule set forth in the Rate Book of Fees and Charges, located in the City Clerk's Office. All fees must be paid by check, money order or cashiers check, made payable to the City Treasurer. Cash will not be accepted.
 - f. No fire hydrant meters shall be furnished or relocated for any customer with a delinquent account with the Water Department.
 - g. After the fees have been paid and an account has been created, the

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
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- 8.5 If damage occurs to Water Department property (i.e. fire hydrant meter, backflow, various appurtenances), the cost of repairs or replacements will be charged to the customer of record (applicant).

**Larry Gardner
Water Department Director**

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

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

Company Information

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

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

City Meter	Private Meter
Contract Acct #:	Deposit Amount: \$ 936.00 Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05 Meter Make and Style: 6-7
Backflow #	Backflow Size: Backflow Make and Style:
Name: Pipeline Rehabilitation Z-1 Appendix B - Fire Hydrant Meter Program	Signature: Date: 78 Page

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

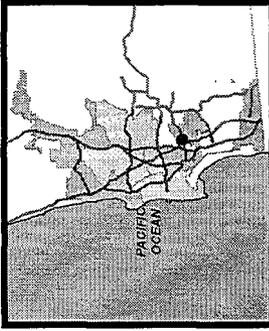
Materials Typically Accepted by Certificate of Compliance

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

APPENDIX D
SAMPLE CITY INVOICE

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

APPENDIX E
LOCATION MAPS



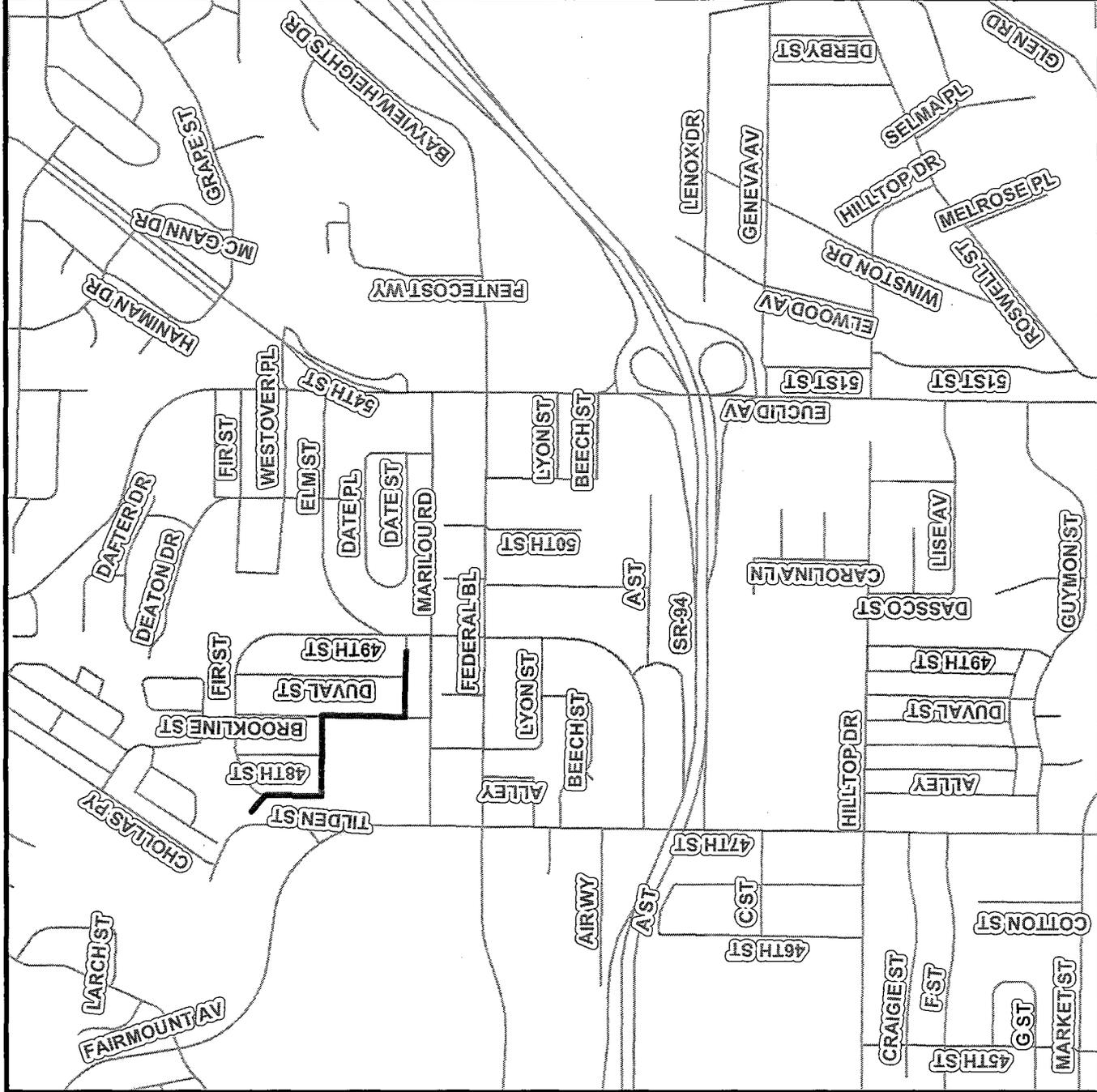
PIPELINE REHABILITATION Z-1 SHEET 1



PROJECT ENGINEER
ED CASTANEDA
619-533-6656

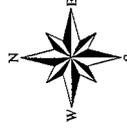
CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207

PROJECT MANAGER
SARAH CHAVEZ
619-533-6902



Legend

— Proposed Rehab Pipe



No Scale

COMMUNITY NAME: Skyline - Paradise Hills COUNCIL DISTRICT: 4

SAP ID: B13209



Pipeline Rehabilitation Z-1 Appendix E - Location Maps Volume 1 of 2 (Rev. Dec. 2014)

Date: September 11, 2014

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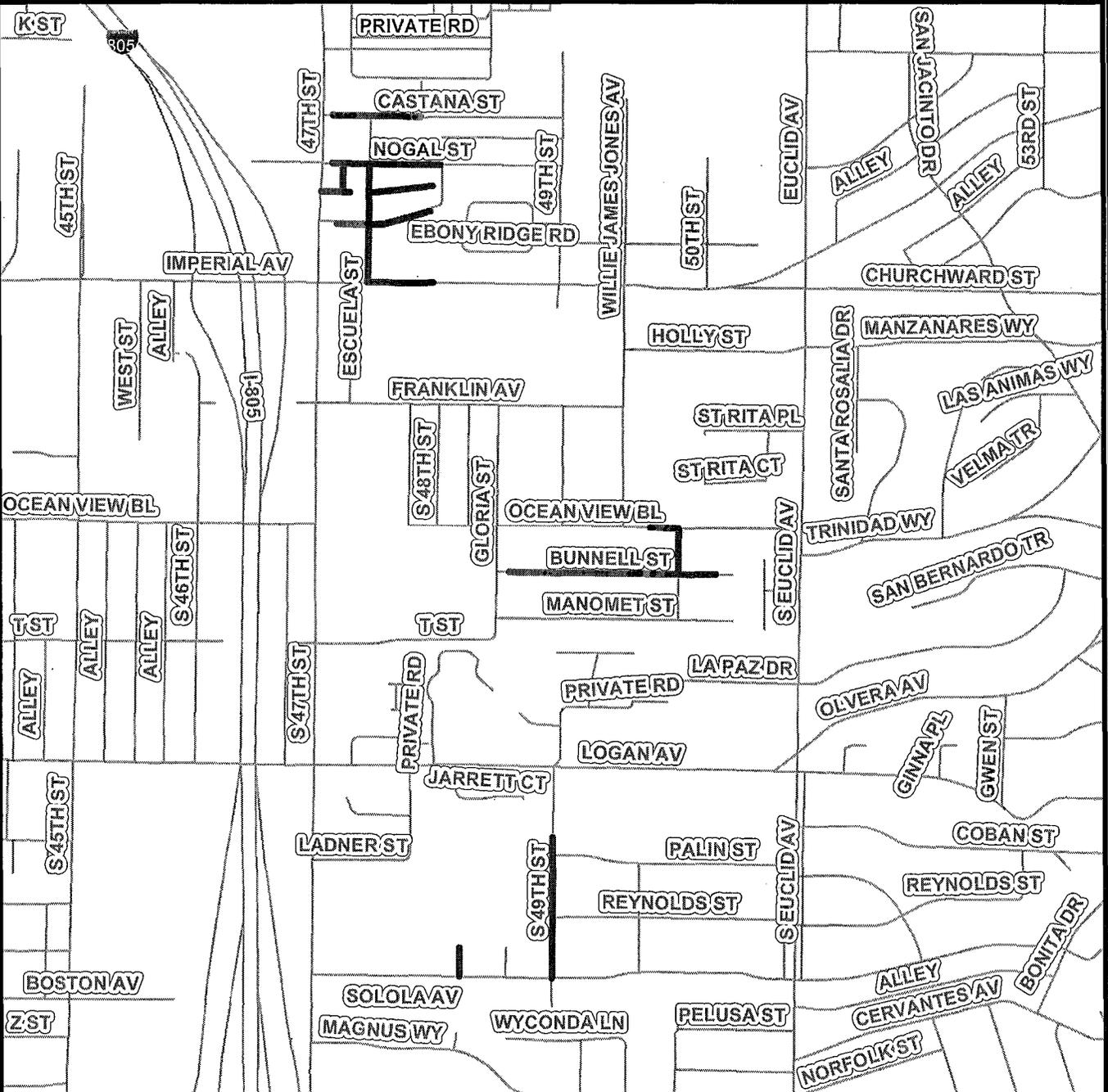
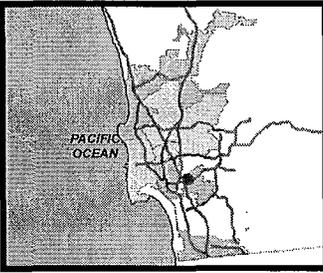
PIPELINE REHABILITATION Z-1 SHEET 2

PROJECT ENGINEER
ED CASTANEDA
619-533-6656



PROJECT MANAGER
SARAH CHAVEZ
619-533-6902

CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207



Legend

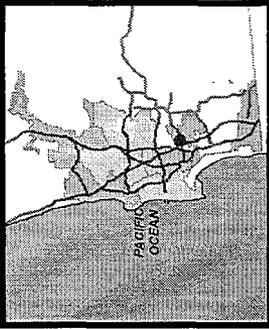
— Proposed Rehab Pipe



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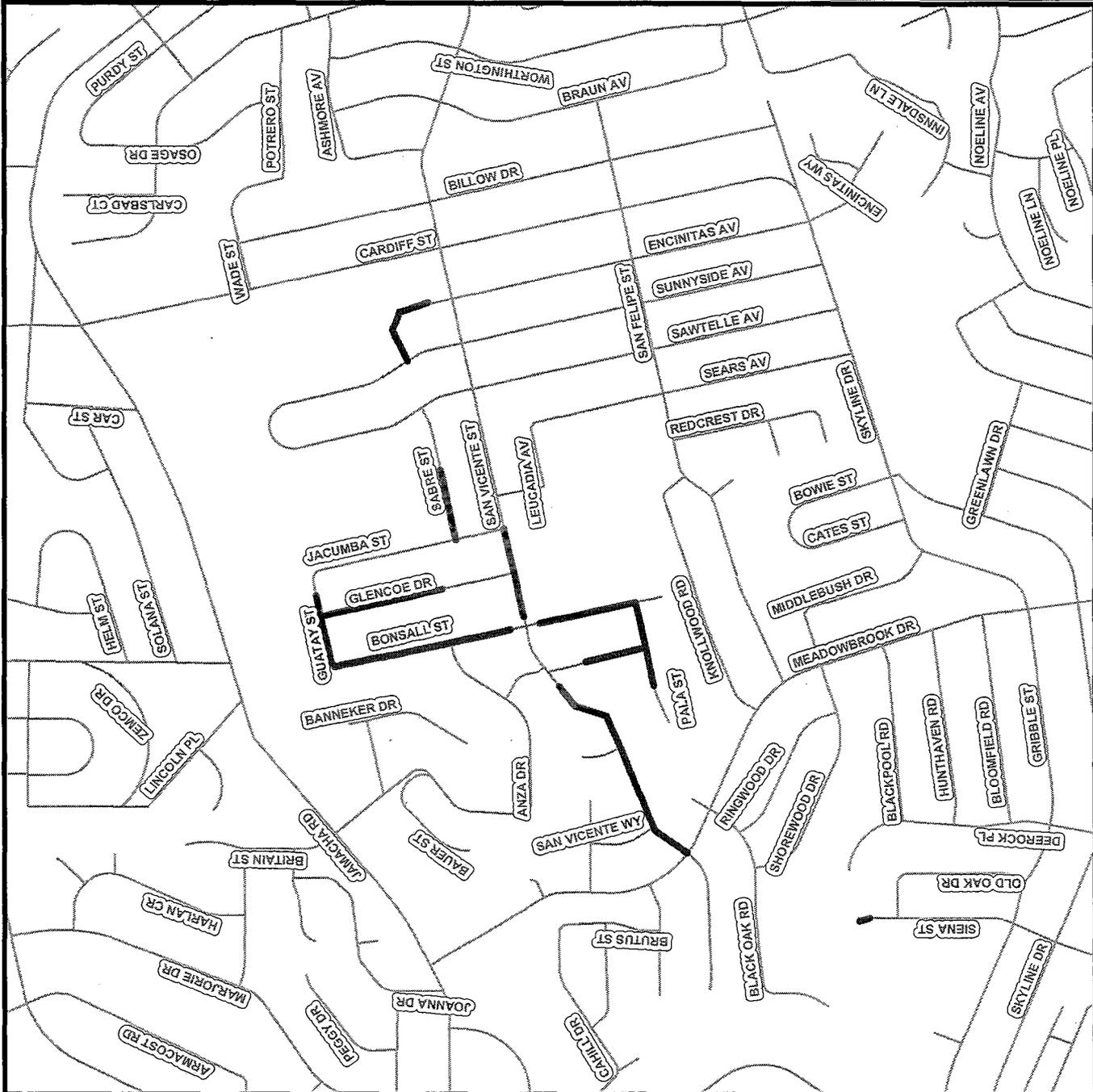
PIPELINE REHABILITATION Z-1 SHEET 3



PROJECT ENGINEER
ED CASTANEDA
619-533-6656

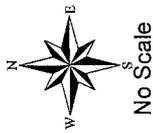
CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207

PROJECT MANAGER
SARAH CHAVEZ
619-533-6902



Legend

— Proposed Rehab Pipe



No Scale

COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B13209



Pipeline Rehabilitation Z-1 Appendix E - Location Maps Volume 1 of 2 (Rev. Dec. 2014)

Date: September 11, 2014

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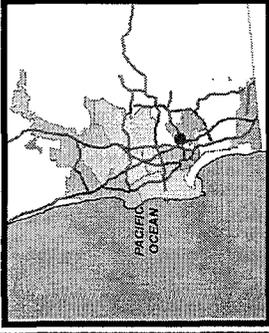
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APPENDIX F

SEWER MAINS AND MANHOLES REHABILITATION SAMPLE DATA TEMPLATES

APPENDIX G

PIPELINE REHABILITATION Z-1 REHAB MAPS



PIPELINE REHABILITATION Z-1

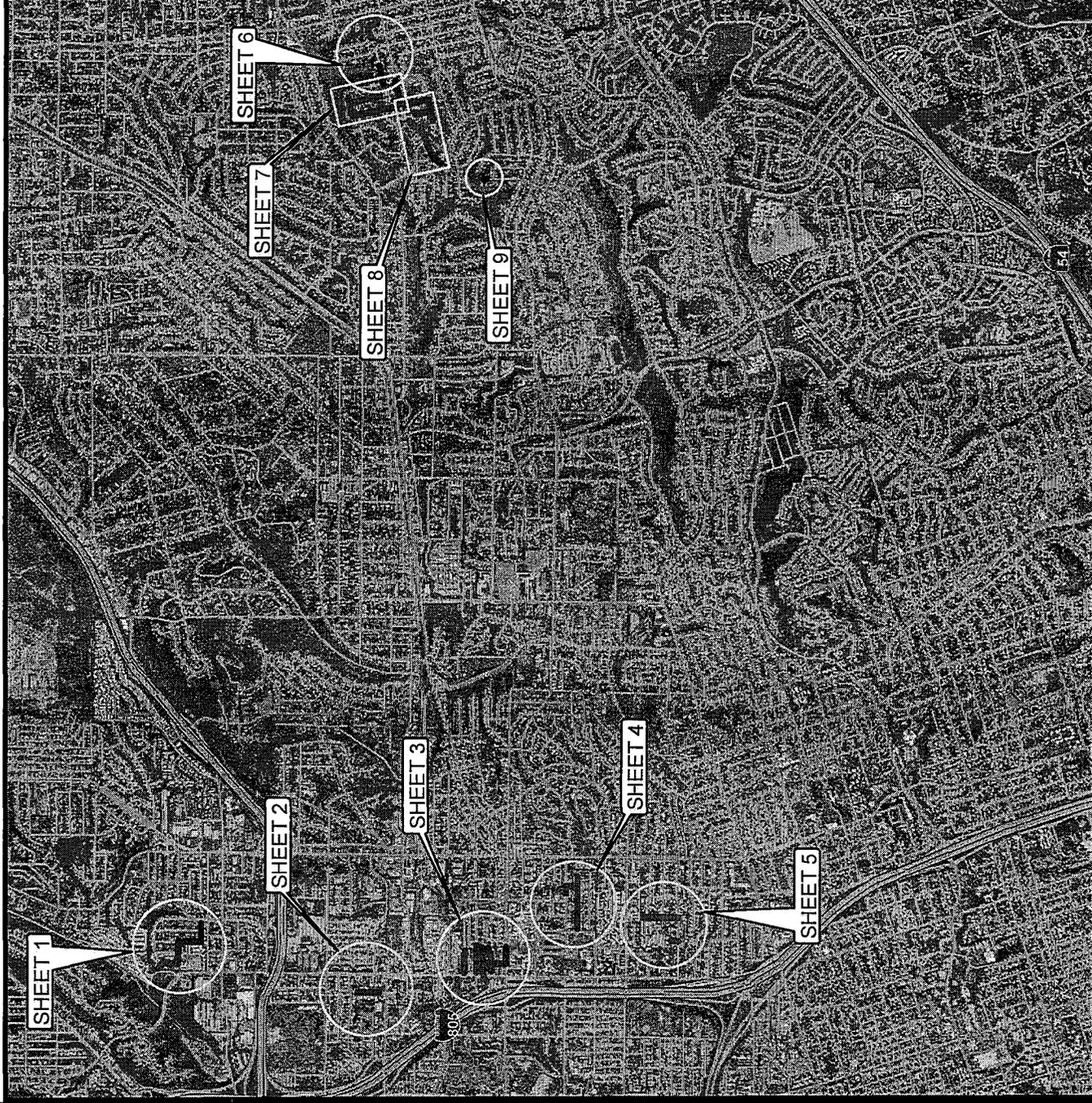


SENIOR ENGINEER
 RANIA AMEN
 619-533-5492

PROJECT ENGINEER
 ED CASTANEDA
 619-533-6656

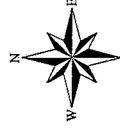
CONSTRUCTION PROJECT
 INFORMATION LINE
 619-533-4207

PROJECT MANAGER
 SARAH CHAVEZ
 619-533-6902



Legend

-  Proposed Rehab Pipe
-  Freeway
-  Reference Sheet #



No Scale

COMMUNITY NAME: Skyline - Paradise Hills
 Pipeline Rehabilitation Z-1

COUNCIL DISTRICT: 4

SAP ID: B13209

Appendix G - Pipeline Rehabilitation Z-1 Rehab Maps Volume 1 of 2 (Rev. Dec. 2014)



Date: August 12, 2014

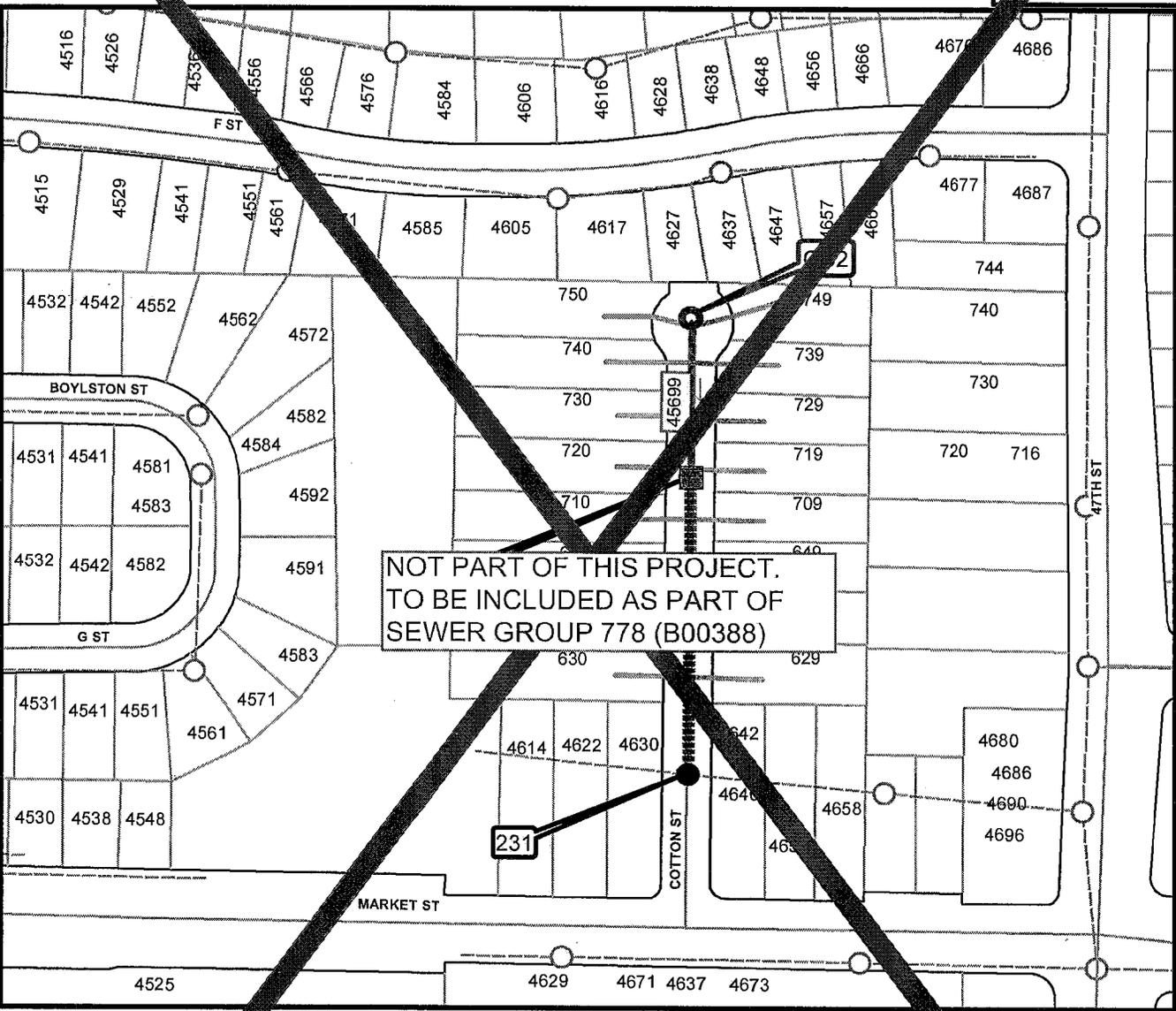
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PIPELINE REHABILITATION Z-1
SHEET 2 OF 9



THOMAS BROS.
1289-J3



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Legend

- Ex. Manhole
- 1841 Address
- Laterals
- Rehab Main
- Ex. Sewer (outside of scope)
- ▨ Rehab & Point Repair
- Direction of Flow
- Replace Manhole
- 45347 Facility Sequence Number (FSN)
- CO1 Cleanout number
- 225 Manhole ID
- Proposed Cleanout



COMMUNITY NAME: Encanto Neighborhoods, COUNCIL DISTRICT: 4 SAP ID: B13209

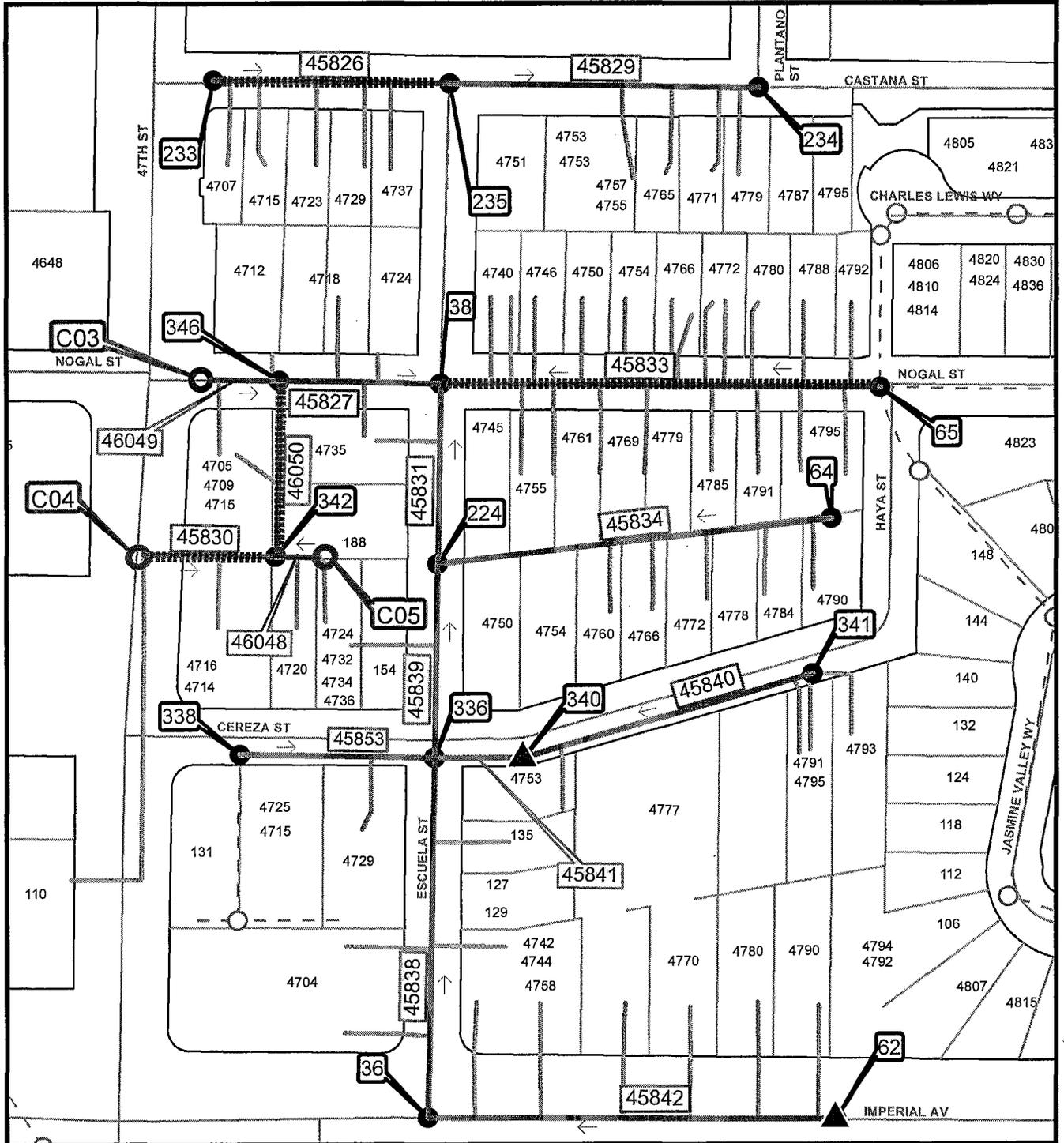


PIPELINE REHABILITATION Z-1
SHEET 3 OF 9

THOMAS BROS.
1289-J4

CITY OF SAN DIEGO
PUBLIC WORKS
DEPARTMENT

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Legend

- | | | | | | |
|------|-------------------|-----|-----------------------------|-------|--------------------------------|
| 4704 | Address | ← | Flow Direction | 36 | Manhole ID |
| ● | Ex. Manhole | — | Lateral | 45842 | Facility Sequence Number (FSN) |
| ▲ | Rehab Manhole | —○— | Ex Sewer (outside of scope) | C01 | Cleanout number |
| ○ | Proposed Cleanout | — | Rehab Main | | |
| | | | Rehab & Point Repair | | |

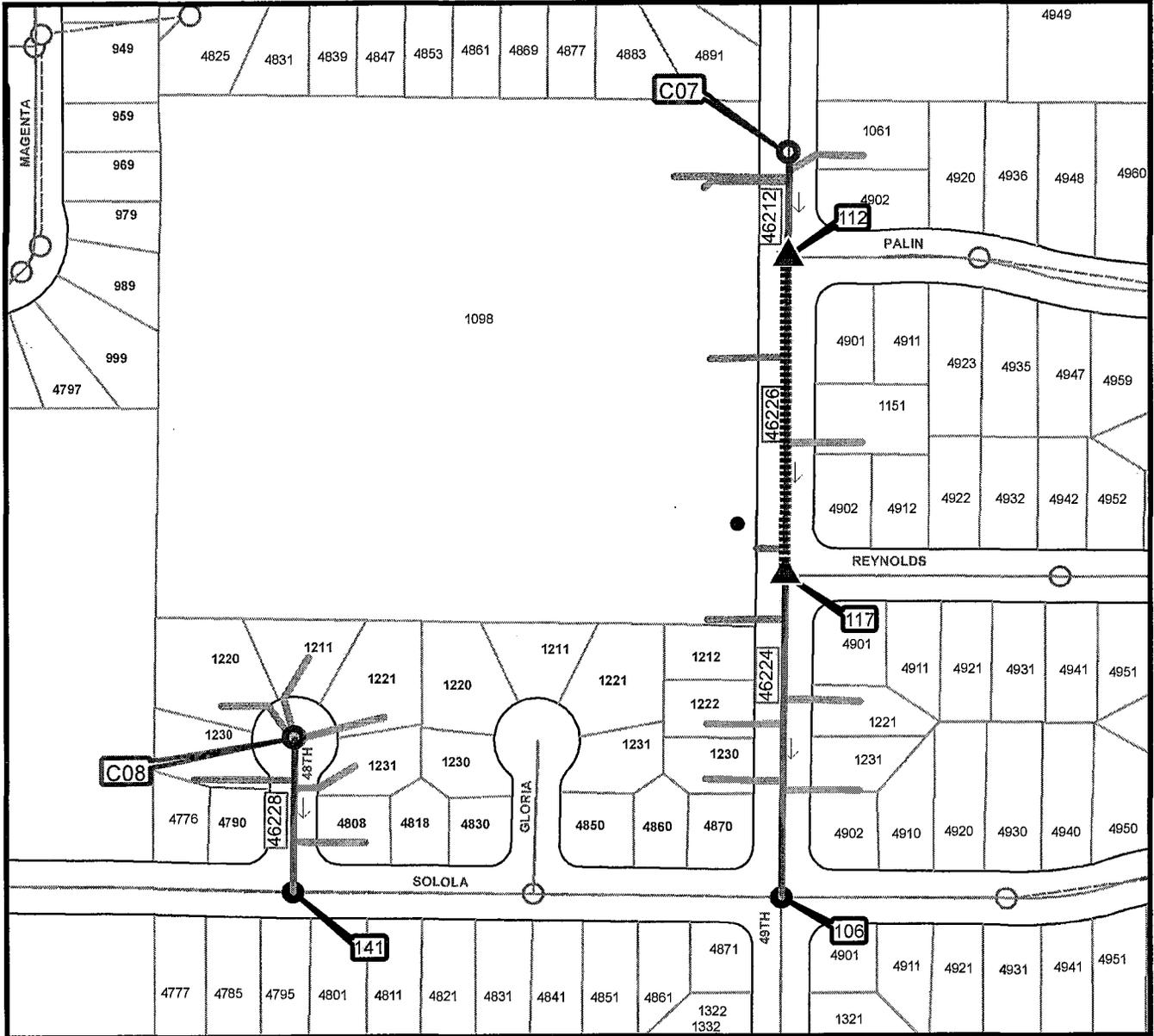




PIPELINE REHABILITATION Z-1 SHEET 5 OF 9

CITY OF SAN DIEGO
PUBLIC WORKS
DEPARTMENT

THOMAS BROS.
1290-A5, 1290-A6



Legend

- Ex. Manhole
- 4704 Address
- Lateral
- ==== Rehab Main
- Ex Sewer (outside of scope)
- ▨ Rehab & Point Repair
- Proposed Cleanout
- 36 Manhole ID
- 45842 Facility Sequence Number (FSN)
- C01 Cleanout number
- ▲ Rehab Manhole
- Type C2 SDG-135
- ← Flow Direction



COMMUNITY NAME: Encanto Neighborhoods,

COUNCIL DISTRICT: 4

SAP ID: B13209

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PIPELINE REHABILITATION Z-1 SHEET 6 OF 9

CITY OF SAN DIEGO
PUBLIC WORKS
DEPARTMENT

THOMAS BROS.
1290-H3



Legend

- Ex. Manhole
- 4704 Address
- Lateral
- Ex Sewer (outside of scope)
- ▬ Rehab Main
- ▨ Rehab & Point Repair
- ← Flow Direction
- Proposed Cleanout
- 36 Manhole ID
- ▣ Replace Manhole
- 45842 Facility Sequence Number (FSN)
- C01 Cleanout number



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PIPELINE REHABILITATION Z-1

SHEET 7 of 9

THOMAS BROS.
1290-G3, 1290-H3



Legend

- | | | |
|---------------------|--|-----------------------|
| ● Ex. Manhole | —○— Lateral | ▭ C01 Cleanout number |
| Address | —○— Ex Sewer (outside of scope) | ▭ 36 Manhole ID |
| 4704 | — Rehab Main | |
| ○ Proposed Cleanout | ▭ 45842 Facility Sequence Number (FSN) | |
| ▲ Rehab Manhole | ← Flow Direction | |



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B13209

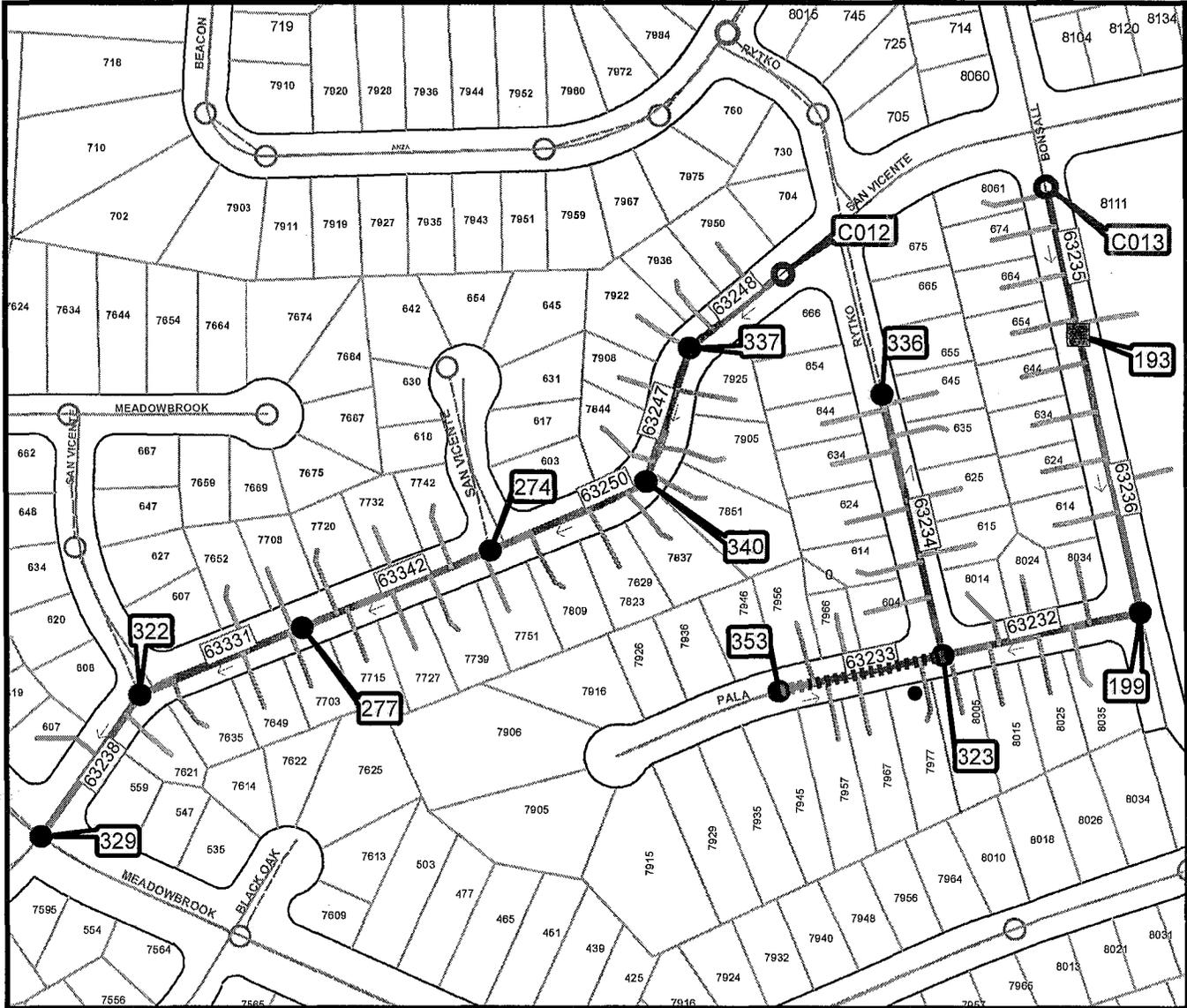
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PIPELINE REHABILITATION Z-1 SHEET 8 of 9

CITY OF SAN DIEGO
PUBLIC WORKS
DEPARTMENT

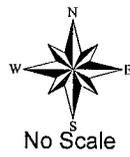
THOMAS BROS.
1290-H3, 1290-G3



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Legend

- Ex. Manhole
- 4704 Address
- Lateral
- Rehab Main
- Ex Sewer (outside of scope)
- Rehab & Point Repair
- Flow Direction
- Case A SDG-130
- Proposed Cleanout
- Replace Manhole
- C01 Cleanout number
- 36 Manhole ID
- 45842 Facility Sequence Number (FSN)



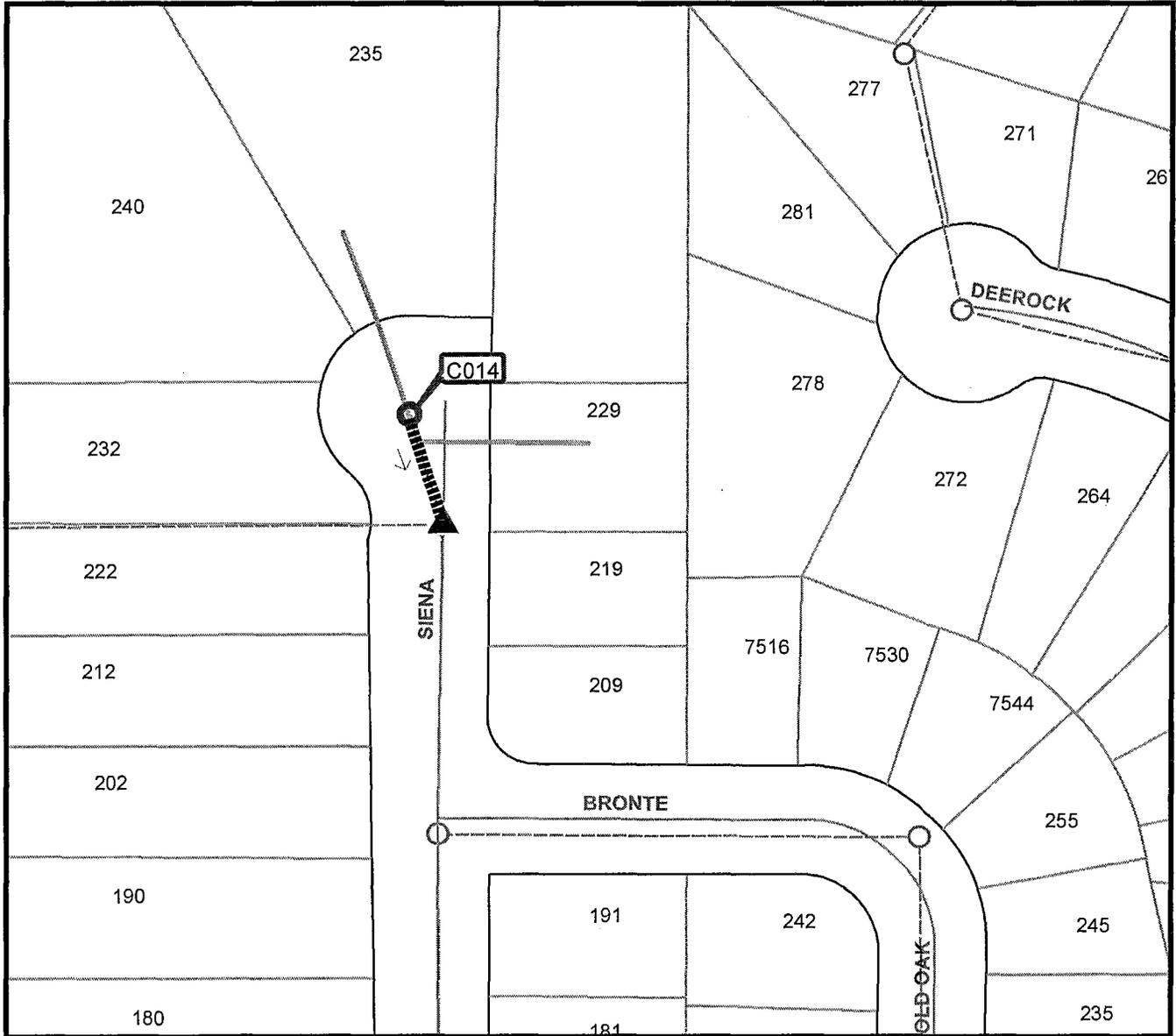


PIPELINE REHABILITATION Z-1

SHEET 9 of 9

CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT

THOMAS BROS.
1290-G4



Legend

- 4704 Address
- Lateral
- Ex Sewer (outside of scope)
- ▨ Rehab & Point Repair
- Proposed Cleanout
- ▲ Rehab Manhole
- ← Flow Direction
- C01 Cleanout number
- 36 Manhole ID
- 45842 Facility Sequence Number (FSN)



COMMUNITY NAME: Skyline - Paradise Hills

COUNCIL DISTRICT: 4

SAP ID: B13209

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APPENDIX H

PIPELINE REHABILITATION Z-1 OVERALL PROJECT SCOPE TABLE

PIPELINE REHABILITATION Z-1

SHEET NO.	FSN	US FIELD BOOK	US MH ID	US MH IE	US MH DEPTH	US FIELD BOOK	DS MH ID	DS MH IE	DS MH DEPTH	INSTALLED DATE	LENGTH (Feet)	SIZE (Inches)	MATL	# LATERALS	ACTION	STREET NAME	THOMAS BRO	COMMUNITY	COUNCIL DISTRICT	REMARKS	CONFLICT COMMENTS
1	45221	J215	103	214.37	8	J215	253	194.24	10	1/1/1960	334.00	8	VC	12	REHAB	TILDEN ST	1289J1	MID-CITY EASTERN AREA	4	N/A	
1	45226	J215	101	216.86	16	J215	103	214.37	8	1/1/1960	249.00	8	VC	1	REHAB	ELM ST	1289J1	MID-CITY EASTERN AREA	4	N/A	
1	45228	J215	223	217.84	17	J215	101	216.86	16	1/1/1960	248.00	8	VC	2	REHAB	ELM ST	1289J1	MID-CITY EASTERN AREA	4	N/A	
1	45346	J215	PLUG	228.12	-	J215	227	222.30	7	1/1/1960	145.00	8	VC	4	REHAB	DATE ST	1290A2	MID-CITY EASTERN AREA	4	ADD CLEANOUT	
1	45347	J215	227	222.30	7	J215	224	219.91	6	1/1/1960	239.00	8	VC	6	REHAB	DATE ST	1289J2	MID-CITY EASTERN AREA	4	N/A	
1	45354	J215	224	219.91	6	J215	225	218.91	10	1/1/1960	250.00	8	VC	4	REHAB	BROOKLINE ST	1289J2	MID-CITY EASTERN AREA	4	N/A	
1	45355	J215	225	218.91	10	J215	223	217.84	17	1/1/1960	266.00	8	VC	6	REHAB	BROOKLINE ST	1289J2	MID-CITY EASTERN AREA	4	N/A	
3	45826	J235	233	74.40	5	J235	235	73.58	6	1/1/1955	205.00	8	VC	5	REHAB/POINT REPAIR	CASTANA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45827	J235	346	75.15	6	J235	38	74.57	9	1/1/1955	145.00	8	VC	3	REHAB	NOGAL ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45829	J235	235	73.58	6	J235	234	72.52	14	1/1/1955	265.00	8	VC	4	REHAB	CASTANA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45830	J235	PLUG	81.12	-	J235	342	79.12	10	7/1/1952	80.00	8	VC	2	REHAB/POINT REPAIR	LOT BETWEEN NOGAL ST/CEREZA ST, EAST OF 47 ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
3	45831	J235	224	88.06	9	J235	38	74.57	9	7/1/1952	170.00	8	VC	1	REHAB	ESCUJELA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45833	J235	65	95.02	7	J235	38	74.57	9	1/1/1955	393.00	8	VC	20	REHAB/POINT REPAIR	NOGAL ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45834	J235	64	100.30	9	J235	224	88.06	9	7/1/1952	340.00	8	VC	5	REHAB	LOT BETWEEN NOGAL ST/CEREZA ST, EAST OF ESCUJELA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45838	J235	36	122.29	5	J235	336	106.19	7	7/1/1952	309.00	8	VC	4	REHAB	ESCUJELA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45839	J235	336	106.19	7	J235	224	88.06	9	7/1/1952	161.00	8	VC	1	REHAB	ESCUJELA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45840	J235	341	119.23	7	J235	340	110.59	6	7/1/1952	270.00	8	VC	4	REHAB	CEREZA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45841	J235	340	110.59	6	J235	336	106.19	7	7/1/1952	80.00	8	VC	0	REHAB	CEREZA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45842	J235	62	137.41	6	J235	36	122.29	5	7/1/1952	360.00	8	VC	6	REHAB	IMPERIAL AV	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45853	J235	338	106.87	5	J235	336	106.19	7	7/1/1952	170.00	8	VC	1	REHAB	CEREZA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	46048	J235	PLUG	82.32	-	J235	342	79.12	10	7/1/1952	40.00	8	VC	2	REHAB	LOT BETWEEN NOGAL ST/CEREZA ST, EAST OF ESCUJELA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
3	46049	J235	PLUG	75.39	-	J235	346	75.15	6	1/1/1955	60.00	8	VC	2	REHAB	NOGAL ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
3	46050	J235	342	79.12	10	J235	346	75.15	6	7/1/1952	165.00	8	VC	1	REHAB/POINT REPAIR	LOT BETWEEN 47TH ST/ESCUJELA ST, SOUTH OF NOGAL ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
4	45862	J235	75	104.99	8	J235	74	104.52	8	1/1/1959	123.00	8	VC	2	REHAB	BUNNELL ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
4	45863	J235	70	117.47	6	J235	75	104.99	8	1/1/1959	240.00	8	VC	8	REHAB	BUNNELL ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	

PIPELINE REHABILITATION Z-1

SHEET NO.	FSN	US FIELD BOOK	US MH ID	US MH IE	US MH DEPTH	DS FIELD BOOK	DS MH ID	DS MH IE	DS MH DEPTH	INSTALLED DATE	LENGTH (Feet)	SIZE (Inches)	MATL	# LATERALS	ACTION	STREET NAME	THOMAS BRO	COMMUNITY	COUNCIL DISTRICT	REMARKS	CONFLICT COMMENTS
4	45866	J235	PLUG	122.93	-	J235	70	117.47	6	1/1/1959	105.00	8	VC	6	REHAB	BUNNELL ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
4	45876	J235	PLUG	125.21	-	J235	95	115.61	5	1/1/1959	160.00	8	VC	2	REHAB	OCEAN VIEW BL	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
4	45884	J235	73	109.45	5	J235	74	104.52	8	1/1/1959	224.00	8	VC	7	REHAB	BUNNELL ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
4	45886	J235	95	115.61	5	J235	94	111.70	5	1/1/1959	260.00	8	VC	3	REHAB	S. WILLIE JAMES JONES AV	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
4	45887	J235	94	111.70	5	J235	73	109.45	5	1/1/1959	225.00	8	VC	5	REHAB	BUNNELL ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
4	45888	J235	96	113.70	5	J235	94	111.70	5	1/1/1959	200.00	8	VC	6	REHAB	BUNNELL ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
5	46212	J245	PLUG	110.38	-	J245	112	109.96	9	12/19/1969	105.00	8	VC	3	REHAB	49TH ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
5	46224	J245	117	108.62	-	J245	106	105.21	13	2/11/1965	340.00	8	VC	5	REHAB	49TH ST	1290A6	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
5	46226	J245	112	109.96	9	J245	117	108.62	-	12/19/1969	335.00	8	VC	3	REHAB/POINT REPAIR	49TH ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
5	46228	J245	PLUG	98.46	-	J245	141	92.68	6	2/5/1957	158.00	8	VC	6	REHAB	48TH ST	1290A6	ENCANTO NEIGHBORHOODS SOUTHERN	4	ADD CLEANOUT	
6	63227	M225	316	417.05	17	M225	317	416.26	21	10/1/1953	197.00	8	VC	4	REHAB/POINT REPAIR	SABRE ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
6	63228	M225	319	424.25	6	M225	316	417.05	17	10/1/1953	200.00	8	VC	6	REHAB/POINT REPAIR	SABRE ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
6	65916	N225	109	430.21	11	N225	111	425.17	11	1/1/1952	85.00	8	VC	2	REHAB	ENCINITAS AV	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
6	65917	N225	PLUG	439.87	-	N225	109	430.21	11	10/27/1953	160.00	8	VC	6	REHAB	ENCINITAS AV	1290H3	SKYLINE-PARADISE HILLS	4	ADD CLEANOUT	
6	65923	N225	108	430.02	11	N225	111	425.17	11	1/1/1952	199.00	10	VC	4	REHAB	ENCINITAS AV	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
7	63049	M225	136	422.32	7	M225	139	412.05	8	11/1/1953	116.00	8	VC	1	REHAB	GUATAY ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
7	63050	M225	300	432.52	6	M225	136	422.32	7	11/26/1953	340.00	8	VC	9	REHAB	GLENCOE DR	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
7	63051	M225	137	426.49	6	M225	136	422.32	7	11/1/1953	298.00	8	VC	8	REHAB	GUATAY ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
7	63218	M225	302	437.62	6	M225	300	432.52	6	11/26/1953	340.00	8	VC	11	REHAB	GLENCOE DR	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
7	63222	M225	301	429.72	6	M225	137	426.49	6	11/1/1953	323.00	8	VC	10	REHAB	BONSALL ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
7	63224	M225	PLUG	440.12	-	M225	313	439.44	7	11/26/1953	170.00	8	VC	4	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	ADD CLEANOUT	
7	63225	M225	313	439.44	7	M225	314	436.24	5	11/26/1953	300.00	8	VC	5	REHAB	SAN VICENTE ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
7	63240	M225	334	433.12	6	M225	301	429.72	6	11/1/1953	340.00	8	VC	10	REHAB	BONSALL ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
7	63243	M225	335	455.47	6	M225	334	433.12	6	11/1/1953	225.00	8	VC	7	REHAB	BONSALL ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
7	63244	M225	PLUG	455.47	-	M225	335	436.47	6	11/1/1953	100.00	8	VC	3	REHAB	BONSALL ST	1290G3	SKYLINE-PARADISE HILLS	4	ADD CLEANOUT	
8	63232	M225	199	427.12	7	M225	323	415.06	13	12/17/1953	258.00	8	VC	7	REHAB	PALA ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
8	63233	M225	353	416.95	9	M225	323	415.06	13	12/1/1953	222.00	8	VC	5	REHAB/POINT REPAIR	PALA ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
8	63234	M225	323	415.06	13	M225	336	414.06	15	12/1/1953	350.00	8	VC	9	REHAB	RYTKO ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
8	63235	M225	PLUG	436.67	-	M225	193	434.82	6	12/17/1953	185.00	8	VC	5	REHAB	BONSALL ST	1290G3	SKYLINE-PARADISE HILLS	4	ADD CLEANOUT	
8	63236	M225	193	434.82	6	M225	199	427.12	7	12/17/1953	350.00	8	VC	5	REHAB	BONSALL ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
8	63238	M225	322	341.12	8	M225	329	327.12	12	1/1/1960	234.00	8	VC	2	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	

PIPELINE REHABILITATION Z-1

SHEET NO.	FSN	US FIELD BOOK	US MH ID	US MH IE	US MH DEPTH	US FIELD BOOK	DS MH ID	DS MH IE	DS MH DEPTH	INSTALLED DATE	LENGTH (Feet)	SIZE (Inches)	MATL	# LATERALS	ACTION	STREET NAME	THOMAS BRD	COMMUNITY	COUNCIL DISTRICT	REMARKS	CONFLICT COMMENTS
8	63247	M225	337	395.62	8	M225	340	384.60	7	1/1/1960	182.00	8	VC	5	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
8	63248	M225	337	408.12	-	M225	337	395.62	8	1/1/1960	120.00	8	VC	3	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	ADD CLEANOUT	
8	63250	M225	340	384.60	7	M225	274	372.78	6	1/1/1960	208.00	8	VC	3	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
8	63331	M225	277	355.69	9	M225	322	341.12	8	1/1/1960	241.00	8	VC	5	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
8	63342	M225	274	372.78	6	M225	277	355.69	9	1/1/1960	240.00	8	VC	7	REHAB	SAN VICENTE ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
9	63517	M235	324	414.89	-	M235	324	414.62	8	1/1/1958	67.00	8	VC	2	REHAB/POINT REPAIR	SIENA ST	1290G4	SKYLINE-PARADISE HILLS	4	ADD CLEANOUT	

TOTAL LENGTH 13,469 LF

-  Add Cleanout (Total = 15)
-  Point Repair Sewer (Total = 10)
-  Rehab MH (Total = 9)
-  Internal Point Repairs Sewer (Total = 0)
-  Replace MH (Total = 4)
-  Repair MH (Total = 0)
-  Holes in Manhole (Total = 0)

APPENDIX I

PIPELINE REHABILITATION Z-1 SEWER LATERALS SUMMARY TABLE

**SUMMARY OF
PIPELINE REHABILITATION Z1 - SEWER LATERALS**

Sheet #	Lateral	LATERAL FSN	FIELD BOOK PG	LATERAL SIZE	STREET #	STREET NAME	THOMAS BRO.	Main FSN #	Comments
1	1	248994	J21S	4	1802	TILDEN ST	1289J1	45221	
1	2	248874	J21S	4	1803	TILDEN ST	1289J1	45221	
1	3	248283	J21S	4	1806	TILDEN ST	1289J1	45221	
1	4	354112	J21S	4	1809	TILDEN ST	1289J1	45221	
1	5	354063	J21S	4	1810	TILDEN ST	1289J1	45221	
1	6	354042	J21S	4	1815	TILDEN ST	1289J1	45221	
1	7	354013	J21S	4	1816	TILDEN ST	1289J1	45221	
1	8	248123	J21S	4	1823	TILDEN ST	1289J1	45221	
1	9	353946	J21S	4	1824	TILDEN ST	1289J1	45221	
1	10	248041	J21S	4	1829	TILDEN ST	1289J1	45221	
1	11	353873	J21S	4	1832	TILDEN ST	1289J1	45221	
1	12	247981	J21S	4	1835	TILDEN ST	1289J1	45221	
1	13	248942	J21S	4	4720	ELM ST	1289J1	45226	
1	14	248494	J21S	4	1803	48TH ST	1289J1	45228	
1	15	248495	J21S	4	4816	ELM ST	1289J1	45228	
1	16	249377	J21S	4	4851	DATE ST	1290A2	45346	
1	17	249262	J21S	4	4856	DATE ST	1290A2	45346	
1	18	249379	J21S	4	4857	DATE ST	1290A2	45346	
1	19	354835	J21S	4	4863	DATE ST	1290A2	45346	
1	20	254827	J21S	4	4821	DATE ST	1289J2	45347	
1	21	249357	J21S	4	4827	DATE ST	1289J2	45347	
1	22	354829	J21S	4	4833	DATE ST	1289J2	45347	
1	23	354761	J21S	4	4834	DATE ST	1289J2	45347	
1	24	354831	J21S	4	4839	DATE ST	1289J2	45347	
1	25	354832	J21S	4	4845	DATE ST	1289J2	45347	
1	26	249191	J21S	4	4828	DATE ST	1289J2	45354	
1	27	354657	J21S	4	1709	BROOKLINE ST	1289J2	45354	
1	28	249042	J21S	4	1715	BROOKLINE ST	1289J2	45354	
1	29	248946	J21S	4	1721	BROOKLINE ST	1289J2	45354	
1	30	354487	J21S	4	4801	ELM ST	1289J2	45355	
1	31	248874	J21S	4	1727	BROOKLINE ST	1289J2	45355	
1	32	248803	J21S	4	1733	BROOKLINE ST	1289J2	45355	
1	33	248719	J21S	4	1739	BROOKLINE ST	1289J2	45355	
1	34	248626	J21S	4	1745	BROOKLINE ST	1289J2	45355	
1	35	248554	J21S	4	1751	BROOKLINE ST	1289J2	45355	
3	36	259743	J23S	4	4707	CASTANA ST	1289J4	45826	
3	37	361538	J23S	4	4715	CASTANA ST	1289J4	45826	
3	38	259744	J23S	4	4723	CASTANA ST	1289J4	45826	
3	39	259747	J23S	4	4729	CASTANA ST	1289J4	45826	
3	40	361543	J23S	4	4737	CASTANA ST	1289J4	45826	
3	41	361812	J23S	4	4718	NOGAL ST	1289J4	45827	
3	42	260175	J23S	4	4735	NOGAL ST	1289J4	45827	
3	43	361814	J23S	4	4724	NOGAL ST	1289J4	45827	
3	44	5470464	J23S	4	4753-57	CASTANA ST	1289J4	45829	
3	45	1151517	J23S	4	4765	CASTANA ST	1289J4	45829	
3	46	1151516	J23S	4	4771	CASTANA ST	1289J4	45829	
3	47	1151518	J23S	4	4779	CASTANA ST	1289J4	45829	
3	48	361978	J23S	4	4714-16	CEREZA ST	1289J4	45830	
3	49	260732	J23S	6	110	47TH ST	1289J4	45830	
3	50	361856	J23S	4	4735	NOGAL ST	1289J4	45831	
3	51	5458926	J23S	4	4740	NOGAL ST	1289J4	45833	
3	52	260097	J23S	4	4740	NOGAL ST	1289J4	45833	
3	53	361888	J23S	4	4745	NOGAL ST	1289J4	45833	
3	54	1148540	J23S	4	4746	NOGAL ST	1289J4	45833	
3	55	1148541	J23S	4	4750	NOGAL ST	1289J4	45833	
3	56	1148542	J23S	4	4754	NOGAL ST	1289J4	45833	
3	57	260230	J23S	4	4761	NOGAL ST	1289J4	45833	
3	58	1148543	J23S	4	4766	NOGAL ST	1289J4	45833	
3	59	5458512	J23S	4	4766	NOGAL ST	1289J4	45833	
3	60	260231	J23S	4	4769	NOGAL ST	1289J4	45833	
3	61	1147735	J23S	4	4772	NOGAL ST	1289J4	45833	
3	62	5445997	J23S	4	4772	NOGAL ST	1289J4	45833	
3	63	260232	J23S	4	4779	NOGAL ST	1289J4	45833	
3	64	1147466	J23S	4	4780	NOGAL ST	1289J4	45833	
3	65	260221	J23S	4	4785	NOGAL ST	1289J4	45833	
3	66	1148544	J23S	4	4788	NOGAL ST	1289J4	45833	
3	67	260233	J23S	4	4791	NOGAL ST	1289J4	45833	
3	68	1148545	J23S	4	4792	NOGAL ST	1289J4	45833	
3	69	260225	J23S	4	4795	NOGAL ST	1289J4	45833	
3	70	260234	J23S	4	4795	NOGAL ST	1289J4	45833	
3	71	260366	J23S	4	4760	CEREZA ST	1289J4	45834	
3	72	260363	J23S	4	4766	CEREZA ST	1289J4	45834	
3	73	260352	J23S	4	4772	CEREZA ST	1289J4	45834	
3	74	260347	J23S	4	4784	CEREZA ST	1289J4	45834	
3	75	361956	J23S	4	4790	CEREZA ST	1289J4	45834	

Sheet #	Lateral	LATERAL FSN	FIELD BOOK PG	LATERAL SIZE	STREET #	STREET NAME	THOMAS BRO.	Main FSN #	Comments
3	76	362174	J23S	4	135	ESCUELA ST	1289J4	45838	
3	77	5064969	J23S	4	4704	IMPERIAL ST	1289J4	45838	
3	78	260930	J23S	4	4704	IMPERIAL ST	1289J4	45838	
3	79	362265	J23S	4	4742-44	IMPERIAL ST	1289J4	45838	
3	80	260394	J23S	4	154	ESCUELA ST	1289J4	45839	
3	81	260652	J23S	4	4753	CEREZA ST	1289J4	45840	
3	82	260551	J23S	4	4791	CEREZA ST	1289J4	45840	
3	83	362079	J23S	4	4795	CEREZA ST	1289J4	45840	
3	84	260521	J23S	4	4793	CEREZA ST	1289J4	45840	
3	85	261020	J23S	4	4758	IMPERIAL AV	1289J4	45842	
3	86	362404	J23S	4	4758	IMPERIAL AV	1289J4	45842	
3	87	261023	J23S	4	4770	IMPERIAL AV	1289J4	45842	
3	88	362405	J23S	4	4770	IMPERIAL AV	1289J4	45842	
3	89	261024	J23S	4	4780	IMPERIAL AV	1289J4	45842	
3	90	261025	J23S	4	4790	IMPERIAL AV	1289J4	45842	
3	91	362162	J23S	4	4729	CEREZA ST	1289J4	45853	
3	92	361979	J23S	4	4720	CEREZA ST	1289J4	46048	
3	93	260373	J23S	4	4724-36	CEREZA ST	1289J4	46048	
3	94	361867	J23S	4	4705-09	NOGAL ST	1289J4	46049	
3	95	378787	J23S	4	4712	NOGAL ST	1289J4	46049	
3	96	260248	J23S	4	4715	NOGAL ST	1289J4	46050	
4	97	264246	J23S	4	4913	BUNNELL ST	1290A5	45862	
4	98	264090	J23S	4	4922	BUNNELL ST	1290A5	45862	
4	99	364411	J23S	4	4879	BUNNELL ST	1290A5	45863	
4	100	264082	J23S	4	4880	BUNNELL ST	1290A5	45863	
4	101	264237	J23S	4	4887	BUNNELL ST	1290A5	45863	
4	102	364301	J23S	4	4888	BUNNELL ST	1290A5	45863	
4	103	264239	J23S	4	4895	BUNNELL ST	1290A5	45863	
4	104	364303	J23S	4	4896	BUNNELL ST	1290A5	45863	
4	105	364304	J23S	4	4902	BUNNELL ST	1290A5	45863	
4	106	264243	J23S	4	4903	BUNNELL ST	1290A5	45863	
4	107	264232	J23S	4	4853	BUNNELL ST	1290A5	45866	
4	108	264078	J23S	4	4854	BUNNELL ST	1290A5	45866	
4	109	264231	J23S	4	4863	BUNNELL ST	1290A5	45866	
4	110	264081	J23S	4	4864	BUNNELL ST	1290A5	45866	
4	111	364410	J23S	4	4871	BUNNELL ST	1290A5	45866	
4	112	364300	J23S	4	4872	BUNNELL ST	1290A5	45866	
4	113	263728	J23S	4	4965	OCEAN VIEW BL	1290A5	45876	
4	114	364401	J23S	4	4979	OCEAN VIEW BL	1290A5	45876	
4	115	364306	J23S	4	4932	BUNNELL ST	1290A5	45884	
4	116	264095	J23S	4	4942	BUNNELL ST	1290A5	45884	
4	117	364417	J23S	4	4943	BUNNELL ST	1290A5	45884	
4	118	264097	J23S	4	4952	BUNNELL ST	1290A5	45884	
4	119	364418	J23S	4	4953	BUNNELL ST	1290A5	45884	
4	120	364311	J23S	4	4962	BUNNELL ST	1290A5	45884	
4	121	364419	J23S	4	4963	BUNNELL ST	1290A5	45884	
4	122	364097	J23S	4	4991	OCEAN VIEW BL	1290A5	45886	
4	123	263868	J23S	4	524	S. WILLIE JAMES JONES AV	1290A5	45886	
4	124	263995	J23S	4	4992	BUNNELL ST	1290A5	45886	
4	125	364315	J23S	4	4972	BUNNELL ST	1290A5	45887	
4	126	264250	J23S	4	4973	BUNNELL ST	1290A5	45887	
4	127	364317	J23S	4	4982	BUNNELL ST	1290A5	45887	
4	128	364420	J23S	4	4983	BUNNELL ST	1290A5	45887	
4	129	264253	J23S	4	4993	BUNNELL ST	1290A5	45887	
4	130	264119	J23S	4	5002	BUNNELL ST	1290A5	45888	
4	131	364421	J23S	4	5003	BUNNELL ST	1290A5	45888	
4	132	364322	J23S	4	5008	BUNNELL ST	1290A5	45888	
4	133	264261	J23S	4	5009	BUNNELL ST	1290A5	45888	
4	134	364328	J23S	4	5014	BUNNELL ST	1290A5	45888	
4	135	364425	J23S	4	5015	BUNNELL ST	1290A5	45888	
5	136	266352	J24S	4	1098	49TH ST	1290A5	46212	
5	137	5632884	J24S	6	1098	49TH ST	1290A5	46212	
5	138	365812	J24S	4	1061	49TH ST	1290A5	46212	
5	139	266998	J24S	4	1098	49TH ST	1290A5	46224	
5	140	366334	J24S	4	1221	49TH ST	1290A6	46224	
5	141	366347	J24S	4	1222	49TH ST	1290A6	46224	
5	142	267201	J24S	4	1230	49TH ST	1290A6	46224	
5	143	366397	J24S	4	1231	49TH ST	1290A6	46224	
5	144	366036	J24S	4	1098	49TH ST	1290A5	46226	
5	145	266876	J24S	6	1098	49TH ST	1290A5	46226	
5	146	366100	J24S	4	1151	49TH ST	1290A5	46226	
5	147	267287	J24S	4	4808	SOLOLA AV	1290A6	46228	
5	148	267196	J24S	4	1230	48TH ST	1290A6	46228	
5	149	366394	J24S	4	1231	48TH ST	1290A6	46228	
5	150	267151	J24S	4	1211	48TH ST	1290A6	46228	
5	151	267156	J24S	4	1220	48TH ST	1290A6	46228	

Sheet #	Lateral	LATERAL FSN	FIELD BOOK PG	LATERAL SIZE	STREET #	STREET NAME	THOMAS BRO.	Main FSN #	Comments
5	152	267150	J245	4	1221	48TH ST	1290A6	46228	
6	153	256441	M22S	4	725	JACUMBA ST	1290H3	63227	
6	154	359324	M22S	4	8212	SABRE ST	1290H3	63227	
6	155	359405	M22S	4	8215	SABRE ST	1290H3	63227	
6	156	256230	M22S	4	8220	SABRE ST	1290H3	63227	
6	157	359987	M22S	4	8223	SABRE ST	1290H3	63228	
6	158	256206	M22S	4	8230	SABRE ST	1290H3	63228	
6	159	359370	M22S	4	8231	SABRE ST	1290H3	63228	
6	160	359275	M22S	4	8238	SABRE ST	1290H3	63228	
6	161	256345	M22S	4	8239	SABRE ST	1290H3	63228	
6	162	359256	M22S	4	8248	SABRE ST	1290H3	63228	
6	163	358947	N22S	4	741	ENCINITAS AV	1290H3	65916	
6	164	255698	N22S	4	751	ENCINITAS AV	1290H3	65916	
6	165	256070	N22S	4	711	ENCINITAS AV	1290H3	65917	
6	166	256109	N22S	4	712	ENCINITAS AV	1290H3	65917	
6	167	255982	N22S	4	721	ENCINITAS AV	1290H3	65917	
6	168	359137	N22S	4	722	ENCINITAS AV	1290H3	65917	
6	169	255858	N22S	4	731	ENCINITAS AV	1290H3	65917	
6	170	359071	N22S	4	740	ENCINITAS AV	1290H3	65917	
6	171	359012	N22S	4	770	ENCINITAS AV	1290H3	65923	
6	172	255713	N22S	4	781	ENCINITAS AV	1290H3	65923	
6	173	255810	N22S	4	751	SUNNYSIDE AV	1290H3	65923	
6	174	255901	N22S	4	742	SUNNYSIDE AV	1290H3	65923	
7	175	254854	M22S	4	8152	GUATAY ST	1290H3	63049	
7	176	358762	M22S	4	843	GLENCOE DR	1290H3	63050	
7	177	358794	M22S	4	844	GLENCOE DR	1290H3	63050	
7	178	358674	M22S	4	853	GLENCOE DR	1290H3	63050	
7	179	255349	M22S	4	854	GLENCOE DR	1290H3	63050	
7	180	255210	M22S	4	863	GLENCOE DR	1290H3	63050	
7	181	255239	M22S	4	864	GLENCOE DR	1290H3	63050	
7	182	358533	M22S	4	873	GLENCOE DR	1290H3	63050	
7	183	255161	M22S	4	874	GLENCOE DR	1290H3	63050	
7	184	255011	M22S	4	883	GLENCOE DR	1290H3	63050	
7	185	358460	M22S	4	8112	GUATAY ST	1290G3	63051	
7	186	358518	M22S	4	8115	GUATAY ST	1290G3	63051	
7	187	358436	M22S	4	8120	GUATAY ST	1290G3	63051	
7	188	358502	M22S	4	8125	GUATAY ST	1290G3	63051	
7	189	254914	M22S	4	8128	GUATAY ST	1290G3	63051	
7	190	255040	M22S	4	8135	GUATAY ST	1290G3	63051	
7	191	358389	M22S	4	8136	GUATAY ST	1290G3	63051	
7	192	254871	M22S	4	8144	GUATAY ST	1290G3	63051	
7	193	256201	M22S	4	754	GLENCOE DR	1290H3	63218	
7	194	256119	M22S	4	764	GLENCOE DR	1290H3	63218	
7	195	359197	M22S	4	765	GLENCOE DR	1290H3	63218	
7	196	256038	M22S	4	804	GLENCOE DR	1290H3	63218	
7	197	359128	M22S	4	805	GLENCOE DR	1290H3	63218	
7	198	255964	M22S	4	814	GLENCOE DR	1290H3	63218	
7	199	255870	M22S	4	815	GLENCOE DR	1290H3	63218	
7	200	358942	M22S	4	823	GLENCOE DR	1290H3	63218	
7	201	255768	M22S	4	824	GLENCOE DR	1290H3	63218	
7	202	358870	M22S	4	833	GLENCOE DR	1290H3	63218	
7	203	255643	M22S	4	834	GLENCOE DR	1290G3	63218	
7	204	358872	M22S	4	843	BONSALL ST	1290G3	63222	
7	205	255570	M22S	4	852	BONSALL ST	1290G3	63222	
7	206	255446	M22S	4	853	BONSALL ST	1290G3	63222	
7	207	255436	M22S	4	860	BONSALL ST	1290G3	63222	
7	208	255298	M22S	4	863	BONSALL ST	1290G3	63222	
7	209	255287	M22S	4	868	BONSALL ST	1290G3	63222	
7	210	358620	M22S	4	873	BONSALL ST	1290G3	63222	
7	211	358589	M22S	4	876	BONSALL ST	1290G3	63222	
7	212	358552	M22S	4	884	BONSALL ST	1290G3	63222	
7	213	358485	M22S	4	892	BONSALL ST	1290G3	63222	
7	214	257073	M22S	4	8104	SAN VICENTE ST	1290G3	63224	
7	215	359815	M22S	4	8120	SAN VICENTE ST	1290G3	63224	
7	216	257020	M22S	4	8134	SAN VICENTE ST	1290G3	63224	
7	217	359793	M22S	4	704	GLENCOE DR	1290G3	63224	
7	218	359883	M22S	4	8111	SAN VICENTE ST	1290G3	63225	
7	219	257032	M22S	4	8111	SAN VICENTE ST	1290H3	63225	
7	220	359765	M22S	4	705	GLENCOE DR	1290H3	63225	
7	221	256937	M22S	4	8174	SAN VICENTE ST	1290H3	63225	
7	222	256922	M22S	4	8188	SAN VICENTE ST	1290H3	63225	
7	223	359269	M22S	4	803	BONSALL ST	1290G3	63240	
7	224	359276	M22S	4	804	BONSALL ST	1290G3	63240	
7	225	256111	M22S	4	811	BONSALL ST	1290G3	63240	
7	226	359194	M22S	4	814	BONSALL ST	1290G3	63240	
7	227	359142	M22S	4	819	BONSALL ST	1290G3	63240	
7	228	256003	M22S	4	824	BONSALL ST	1290G3	63240	

Sheet #	Lateral	LATERAL FSN	FIELD BOOK PG	LATERAL SIZE	STREET #	STREET NAME	THOMAS BRO.	Main FSN #	Comments
7	229	359042	M22S	4	827	BONSALL ST	1290G3	63240	
7	230	255872	M22S	4	834	BONSALL ST	1290G3	63240	
7	231	255758	M22S	4	835	BONSALL ST	1290G3	63240	
7	232	255729	M22S	4	844	BONSALL ST	1290G3	63240	
7	233	256827	M22S	4	724	BONSALL ST	1290G3	63243	
7	234	256734	M22S	4	725	BONSALL ST	1290G3	63243	
7	235	359571	M22S	4	734	BONSALL ST	1290G3	63243	
7	236	256558	M22S	4	735	BONSALL ST	1290G3	63243	
7	237	256426	M22S	4	745	BONSALL ST	1290G3	63243	
7	238	359466	M22S	4	748	BONSALL ST	1290G3	63243	
7	239	256298	M22S	4	755	BONSALL ST	1290G3	63243	
7	240	359791	M22S	4	8060	SAN VICENTE ST	1290G3	63244	
7	241	359737	M22S	4	714	BONSALL ST	1290G3	63244	
7	242	256843	M22S	4	715	BONSALL ST	1290G3	63244	
8	243	258432	M22S	4	8005	PALA ST	1290H3	63232	
8	244	360649	M22S	4	8014	PALA ST	1290H3	63232	
8	245	258415	M22S	4	8015	PALA ST	1290H3	63232	
8	246	360641	M22S	4	8024	PALA ST	1290H3	63232	
8	247	360692	M22S	4	8025	PALA ST	1290H3	63232	
8	248	360632	M22S	4	8034	PALA ST	1290H3	63232	
8	249	258390	M22S	4	8035	PALA ST	1290H3	63232	
8	250	258404	M22S	4	7956	PALA ST	1290G3	63233	
8	251	360761	M22S	4	7957	PALA ST	1290G3	63233	
8	252	258381	M22S	4	7966	PALA ST	1290G3	63233	
8	253	258476	M22S	4	7967	PALA ST	1290G3	63233	
8	254	360738	M22S	4	7977	PALA ST	1290G3	63233	
8	255	258292	M22S	4	604	RYTKO ST	1290G3	63234	
8	256	360589	M22S	4	614	RYTKO ST	1290G3	63234	
8	257	258183	M22S	4	615	RYTKO ST	1290G3	63234	
8	258	258079	M22S	4	624	RYTKO ST	1290G3	63234	
8	259	258018	M22S	4	625	RYTKO ST	1290G3	63234	
8	260	257929	M22S	4	634	RYTKO ST	1290G3	63234	
8	261	360341	M22S	4	635	RYTKO ST	1290G3	63234	
8	262	257839	M22S	4	644	RYTKO ST	1290G3	63234	
8	263	360296	M22S	4	645	RYTKO ST	1290G3	63234	
8	264	257659	M22S	4	654	BONSALL ST	1290G3	63235	
8	265	257567	M22S	4	664	BONSALL ST	1290G3	63235	
8	266	257416	M22S	4	674	BONSALL ST	1290G3	63235	
8	267	257318	M22S	4	8061	SAN VICENTE ST	1290G3	63235	
8	268	360220	M22S	4	8111	SAN VICENTE ST	1290G3	63235	
8	269	257980	M22S	4	8111	SAN VICENTE ST	1290H3	63236	
8	270	258086	M22S	4	614	BONSALL ST	1290H3	63236	
8	271	257952	M22S	4	624	BONSALL ST	1290H3	63236	
8	272	257842	M22S	4	634	BONSALL ST	1290H3	63236	
8	273	257743	M22S	4	644	BONSALL ST	1290H3	63236	
8	274	360786	M22S	4	607	MEADOWBROOK AV	1290G3	63238	
8	275	360785	M22S	4	7621	SAN VICENTE ST	1290G3	63238	
8	276	257919	M22S	4	7844	SAN VICENTE ST	1290G3	63247	
8	277	360445	M22S	4	7851	SAN VICENTE ST	1290G3	63247	
8	278	257917	M22S	4	7905	SAN VICENTE ST	1290G3	63247	
8	279	257766	M22S	4	7908	SAN VICENTE ST	1290G3	63247	
8	280	257776	M22S	4	7925	SAN VICENTE ST	1290G3	63247	
8	281	257686	M22S	4	7922	SAN VICENTE ST	1290G3	63248	
8	282	257650	M22S	4	7936	SAN VICENTE ST	1290G3	63248	
8	283	257576	M22S	4	7950	SAN VICENTE ST	1290G3	63248	
8	284	360605	M22S	4	7809	SAN VICENTE ST	1290G3	63250	
8	285	258208	M22S	4	7823-29	SAN VICENTE ST	1290G3	63250	
8	286	258108	M22S	4	7837	SAN VICENTE ST	1290G3	63250	
8	287	258465	M22S	4	7635	SAN VICENTE ST	1290G3	63331	
8	288	360710	M22S	4	7649	SAN VICENTE ST	1290G3	63331	
8	289	258360	M22S	4	7652	SAN VICENTE ST	1290G3	63331	
8	290	360689	M22S	4	7703	SAN VICENTE ST	1290G3	63331	
8	291	258328	M22S	4	7708	SAN VICENTE ST	1290G3	63331	
8	292	360679	M22S	4	7715	SAN VICENTE ST	1290G3	63342	
8	293	258295	M22S	4	7720	SAN VICENTE ST	1290G3	63342	
8	294	360653	M22S	4	7727	SAN VICENTE ST	1290G3	63342	
8	295	258240	M22S	4	7732	SAN VICENTE ST	1290G3	63342	
8	296	360639	M22S	4	7739	SAN VICENTE ST	1290G3	63342	
8	297	360575	M22S	4	7742	SAN VICENTE ST	1290G3	63342	
8	298	360621	M22S	4	7751	SAN VICENTE ST	1290G3	63342	
9	299	361948	M23S	4	229	SIENA ST	1290G4	63517	
9	300	260303	M23S	4	235	SIENA ST	1290G4	63517	

Sheet #	Lateral	LATERAL FSN	FIELD BOOK PG	LATERAL SIZE	STREET #	STREET NAME	THOMAS BRO.	Main FSN #	Comments
---------	---------	-------------	---------------	--------------	----------	-------------	-------------	------------	----------

4" Lateral (Total = 297)

6" Lateral (Total = 3)

8" Lateral (Total = 0)

APPENDIX J

PIPELINE REHABILITATION Z-1 MANHOLES AND CLEANOUT SUMMARY TABLE

**SUMMARY OF
PIPELINE REHABILITATION Z-1 - MANHOLES/CLEANOUT**

SHEET NO.	MAIN FSN	THOMAS BROS.	STREET NAME	MH ID	MANHOLE IE	MANHOLE DEPTH	MANHOLE METHOD	COMMUNITY	COUNCIL DIST.	FIELD BOOK
1	45346	1290A2	DATE ST	PLUG (226)	TIE TO EXISTING MAIN		ADD CLEANOUT	MID-CITY EASTERN AREA	4	J21S
3	45830	1289J4	47TH ST	PLUG (226)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
3	45840	1289J4	CEREZA ST	340	110.59	6	REHAB MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
3	45842	1289J4	IMPERIAL AV	62	137.41	6	REHAB MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
4	45863	1290A5	BUNNELL ST	75	104.99	8	REPLACE MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
4	45866	1290A5	BUNNELL ST	PLUG (183)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
4	45876	1290A5	OCEAN VIEW BL	PLUG (100)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
4	45884	1290A5	BUNNELL ST	73	109.45	5	REHAB MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
4	45888	1290A5	BUNNELL ST	96	113.70	5	REHAB MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
3	46048	1289J4	EASEMENT	PLUG (344)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
3	46049	1289J4	NOGAL ST	PLUG (345)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J23S
5	46212	1290A5	49TH ST	PLUG (114)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J24S
5	46224	1290A6	49TH ST	117	108.62	-	REHAB MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J24S
5	46226	1290A5	49TH ST	112	109.96	9	REHAB MANHOLE	ENCANTO NEIGHBORHOODS SOUTHERN	4	J24S
5	46228	1290A6	48TH ST	PLUG (137)	TIE TO EXISTING MAIN		ADD CLEANOUT	ENCANTO NEIGHBORHOODS SOUTHERN	4	J24S
7	63049	1290G3	GUATAY ST	139	412.05	8	REHAB MANHOLE	SKYLINE-PARADISE HILLS	4	M22S
7	63224	1290G3	SAN VICENTE ST	PLUG (310)	TIE TO EXISTING MAIN		ADD CLEANOUT	SKYLINE-PARADISE HILLS	4	M22S
8	63235	1290G3	BONSALL ST	PLUG (299)	TIE TO EXISTING MAIN		ADD CLEANOUT	SKYLINE-PARADISE HILLS	4	M22S
8	63236	1290H3	BONSALL ST	193	434.82	6	REPLACE MANHOLE	SKYLINE-PARADISE HILLS	4	M22S
7	63244	1290G3	BONSALL ST	PLUG (332)	TIE TO EXISTING MAIN		ADD CLEANOUT	SKYLINE-PARADISE HILLS	4	M22S
7	63244	1290G3	BONSALL ST	335	436.47	6	REHAB MANHOLE	SKYLINE-PARADISE HILLS	4	M22S
8	63248	1290G3	SAN VICENTE ST	PLUG (338)	TIE TO EXISTING MAIN		ADD CLEANOUT	SKYLINE-PARADISE HILLS	4	M22S
9	63517	1290G4	SIENA ST	PLUG (123)	TIE TO EXISTING MAIN		ADD CLEANOUT	SKYLINE-PARADISE HILLS	4	M23S
9	63517	1290G4	SIENA ST	124	414.62	8	REHAB MANHOLE	SKYLINE-PARADISE HILLS	4	M23S
6	65917	1290H3	ENCINITAS AV	PLUG (115)	TIE TO EXISTING MAIN		ADD CLEANOUT	SKYLINE-PARADISE HILLS	4	N22S
6	65923	1290H3	ENCINITAS AV	111	425.17	11	REPLACE MANHOLE	SKYLINE-PARADISE HILLS	4	N22S

 Add Cleanout (Total = 14)

 Rehab MH (Total = 9)

 Replace MH (Total = 3)

APPENDIX K

PIPELINE REHABILITATION Z-1 POINT REPAIRS SUMMARY TABLE

**SUMMARY OF
PIPELINE REHABILITATION Z-1 - POINT REPAIRS**

SHEET NO.	FSN	FIELD BOOK	LENGTH (Feet)	SIZE (inches)	MATL	SLOPE%	MAX d/D	US MH IE	# LATERALS	ACTION	STREET NAME	THOMAS BRO	COMMUNITY	COUNCIL DISTRICT	REMARKS	CONFLICT CHECK
3	45826	J23S	205.00	8	VC	0.40%	5.55	74.40	5	Point Repair	CASTANA ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45830	J23S	80.00	8	VC	2.50%	5.34	81.12	2	Point Repair	LOT BETWEEN NOGAL ST/CEREZA ST, EAST OF 47 ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	45833	J23S	393.00	8	VC	5.20%	21.07	95.02	20	Point Repair	NOGAL ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
3	46050	J23S	165.00	8	VC	2.41%	8.13	79.12	1	Point Repair	LOT BETWEEN 47TH ST/ESCUELA ST, SOUTH OF NOGAL ST	1289J4	ENCANTO NEIGHBORHOODS SOUTHERN	4	N/A	
5	46226	J24S	335.00	8	VC	0.40%	UNK	109.96	3	Point Repair	49TH ST	1290A5	ENCANTO NEIGHBORHOODS SOUTHERN	4	Rehab (US) MH 112	
6	63227	M22S	197.00	8	VC	0.40%	53.31	417.05	4	Point Repair	SABRE ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
6	63228	M22S	200.00	8	VC	3.60%	51.11	424.25	6	Point Repair	SABRE ST	1290H3	SKYLINE-PARADISE HILLS	4	N/A	
8	63233	M22S	222.00	8	VC	0.85%	25.80	416.95	5	Point Repair	PALA ST	1290G3	SKYLINE-PARADISE HILLS	4	N/A	
9	63517	M23S	67.00	8	VC	0.40%	15.81	414.89	2	Point Repair	SIENA ST	1290G4	SKYLINE-PARADISE HILLS	4	Rehab (DS) MH 124	

 Point Repair sewer (total = 9)

 Internal Point Repair sewer (total = 0)

APPENDIX L
AC OVERLAY MAP

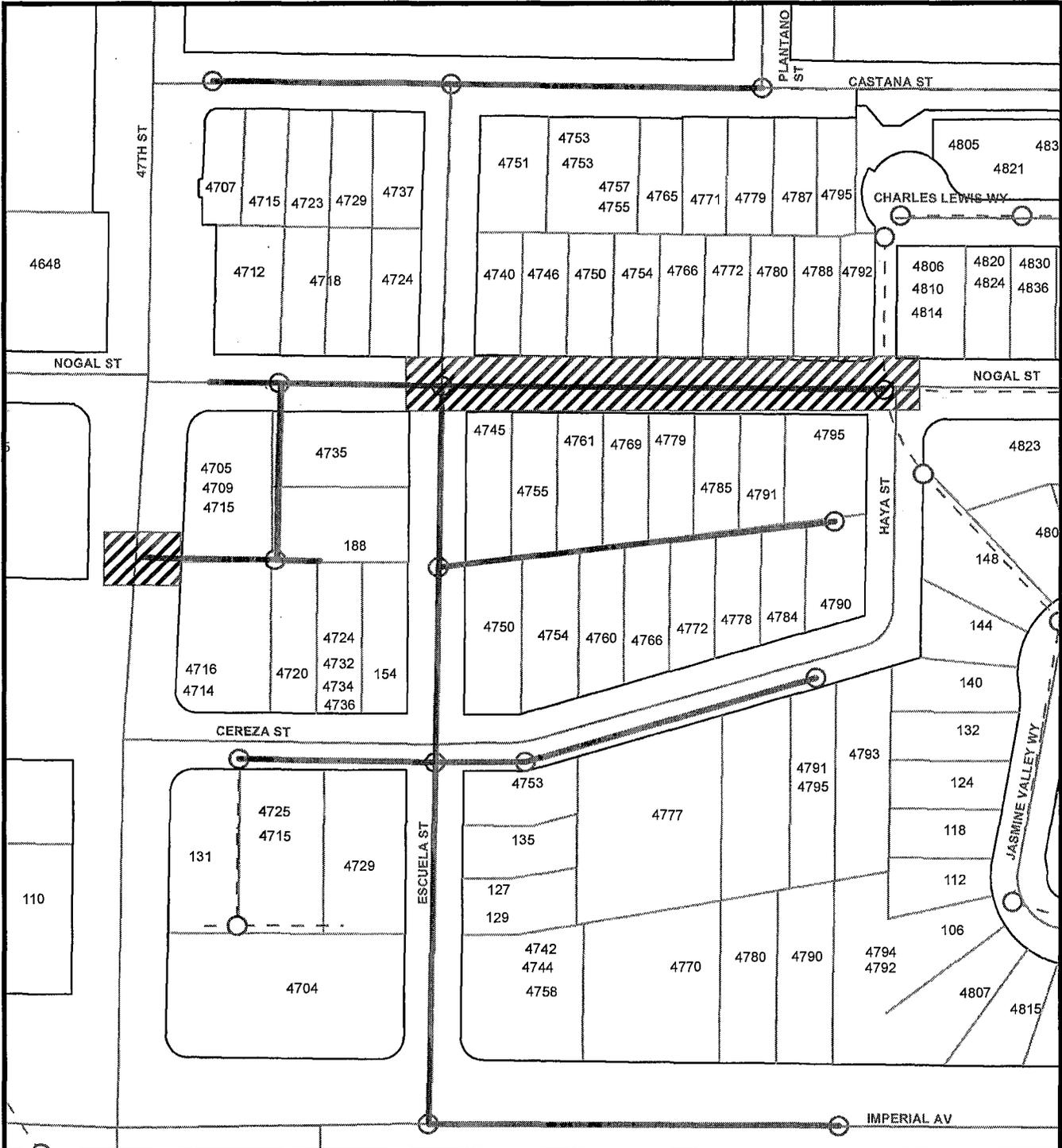


PIPELINE REHABILITATION Z-1 AC OVERLAY

THOMAS BROS.
1289-J4

CITY OF SAN DIEGO
PUBLIC WORKS
DEPARTMENT

THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND MCNALLY & COMPANY to SanGIS. This map is copyrighted by RAND MCNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND MCNALLY & COMPANY.



Legend

- 4704 Address
- Ex Sewer (outside of scope)
- Approximate location of AC overlay



ATTACHMENT F
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RFR

City of San Diego

CONTRACTOR'S NAME: BURTECH PIPELINE INCORPORATED
 ADDRESS: 102 2ND STREET, ENCINITAS, CA 92024
 TELEPHONE NO.: (760) 634-2822 FAX NO.: (760) 634-2415
 CITY CONTACT: CLEMENTINA GIORDANO, Contract Specialist, Email: Cgiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
S.Chavez/RBustamante/egz

CONTRACT DOCUMENTS



FOR

PIPELINE REHABILITATION Z-1

VOLUME 2 OF 2

BID NO.: K-15-1302-DBB-3
 SAP NO. (WBS/IO/CC): B-13209
 CLIENT DEPARTMENT: 2011
 COUNCIL DISTRICT: 4
 PROJECT TYPE: JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

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

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

TABLE OF CONTENTS

DESCRIPTION

PAGE NUMBER

Volume 2 - Bidding Documents

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

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

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

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

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

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

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

IF A PARTNERSHIP, SIGN HERE:

- (1) Name under which business is conducted _____

BIDDING DOCUMENTS

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

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

Full Name and Character of partner

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

(5) City and State _____ Zip Code _____

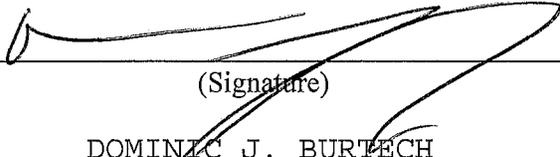
(6) Telephone No. _____ Facsimile No. _____

(7) Email Address _____

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted BURTECH PIPELIEN INCORPORATED

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



(Signature)

DOMINIC J. BURTECH

(Printed Name)

PRESIDENT & CEO

(Title of Officer)

(Impress Corporate Seal Here)

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

(4) Place of Business (Street & Number) 102 2ND STREET

(5) City and State ENCINITAS, CALIFORNIA Zip Code 92024

(6) Telephone No. (760) 634-2822 Facsimile No. (760) 634-2415

(7) Email Address buddy@burtechpipeline.com

BIDDING DOCUMENTS

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

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

LICENSE CLASSIFICATION CLASS A

LICENSE NO. 718202 EXPIRES JANUARY 31, 2016

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000006324

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

TAX IDENTIFICATION NUMBER (TIN): [REDACTED]

Email Address: buddy@burtechpipeline.com

THIS PROPOSAL MUST BE NOTARIZED BELOW:

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

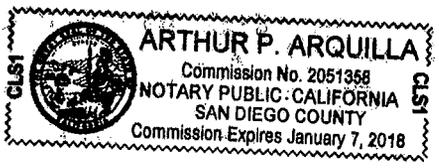
Signature [Handwritten Signature] Title President & CEO

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 20 DAY OF April, 2015

Notary Public in and for the County of San Diego, State of CA

[Handwritten Signature]

(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

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

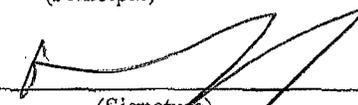
PIPELINE REHABILITATION Z-1

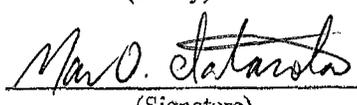
NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time
and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form
of agreement bound with said Contract Documents, furnishes the required certificates of insurance,
and furnishes 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 APRIL, 20 15

BURTECH PIPELINE, INCORPORATED (SEAL)
(Principal)

NORTH AMERICAN SPECIALTY
INSURANCE COMPANY (SEAL)
(Surety)

By: 
(Signature)

By: 
(Signature)

DOMINIC J. BURTECH, JR., PRESIDENT

MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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

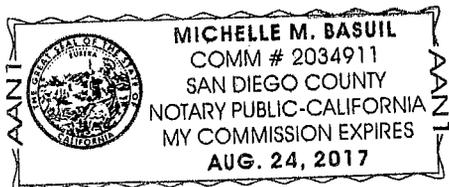
State of California)
County of SAN DIEGO)

On 4/17/2015 before me, MICHELLE M. BASUIL, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer
personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature *Michelle M. Basuil*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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

Description of Attached Document

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

Capacity(ies) Claimed by Signer(s)

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

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

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

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

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

JOINTLY OR SEVERALLY

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

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

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

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



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



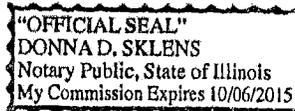
By [Signature]
David M. Layman, Vice President of Washington International Insurance Company
& Vice President of North American Specialty Insurance Company

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 9th day of May, 2014.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 9th day of May, 2014, 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 David M. Layman, Vice President of Washington International Insurance Company and 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]
Donna D. Sklens, 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 APRIL, 2015.

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

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.

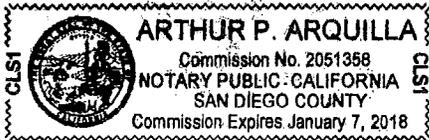
On 4/20/18 before me, Arthur P. Arquilla, Notary Public
(here insert name and title of the officer)
personally appeared Dominic Butsch

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

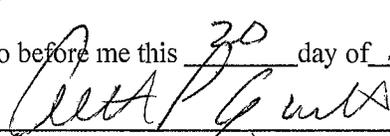
BIDDING DOCUMENTS

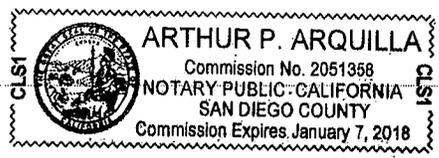
**NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND
SUBMITTED WITH BID UNDER 23 UNITED STATES CODE 112 AND
PUBLIC CONTRACT CODE 7106**

State of California)
) ss.
County of SAN DIEGO)

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

Signed: 
Title: PRESIDENT & CEO

Subscribed and sworn to before me this 30 day of April, 2015

Notary Public
(SEAL)



BIDDING DOCUMENTS

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

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

CHECK ONE BOX ONLY.

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

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

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

Contractor Name: BURTECH PIPELINE INCORPORATED

Certified By DOMINIC J. BURTECH Title PRESIDENT & CEO
Name


Signature Date 4/21/15

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



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

COMPANY INFORMATION

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

CONTRACT INFORMATION

Contract Title: **PIPELINE REHABILITATION Z-1** Start Date: **AUG. 2015**
 Contract Number (if no number, state location): **K-15-1302-DBB-3** End Date: **APRIL 2016**

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

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

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

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

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

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

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

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

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

Dominic J. Burtech / President 4/21/15
 Name/Title of Signatory Signature Date

FOR OFFICIAL CITY USE ONLY

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

(Rev 02/15/2011)

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **Pipeline Rehabilitation Z-1** for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000-or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	524126	2-4.1	Bonds (Payment and Performance)	 	\$ 13,000.00
2	1	LS	238990	7-9.1.1	Video Recording of Existing Conditions	 	\$ 1,500.00
3	1	LS	541330	7-10.2.6	Traffic Control Design	 	\$ ^{500.00} <i>OB</i>
4	1	LS	237310	7-10.2.6	Traffic Control	 	\$ 4,000.00 <i>OB</i>
5	1	LS	237310	7-10.2.6	Flashing Arrow Boards	 	\$ ^{500.00} <i>OB</i>
6	1	AL	237310	7-10.2.6	Portable Changeable Message Signs (PCMS) - Type I	 	\$3,000.00
7	1	LS	541820	7-16.3	Exclusive Community Liaison Services	 	\$ 1,000.00
8	1	LS	237110	9-3.4.1	Mobilization	 	\$ 10,000.00
9	1	AL		9-3.5	Field Orders - Type II	 	\$35,000.00
10	1	EA	237310	301-1.7	Adjusting Existing Manhole Frame & Cover to Grade	\$ 500.00	\$ 500.00
11	1	TON	237310	301-2.4	Class II Base	\$ 40.00	\$ 40.00
12	4,000	SF	237310	302-1.12	Cold Mill AC Pavement (> 1 1/2 - 3")	\$ 1.15	\$ 4,600.00
13	5	TON	237310	302-3.2	Asphalt Pavement Repair	\$ 475.00	\$ 2,375.00
14	8,000	SF	237310	302-4.12.4	Rubber Polymer Modified Slurry Type II and Striping	\$ 1.00	\$ 8,000.00
15	800	SF	237310	302-5.2.1	Pavement Restoration Adjacent to Trench	\$ 8.00	\$ 6,400.00
16	120	TON	237310	302-5.9	1-1/2-Inch Asphalt Concrete Overlay and Striping	\$ 144.00	\$ 17,280.00
17	60	LB	237310	302-14.5	Crack Seal	\$ 57.00 <i>OB</i>	\$ 3,420.00
18	10	LF	237310	303-5.9	Additional Curb and Gutter	\$ 45.00	\$ 450.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
19	40	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$ 10.00	\$ 400.00
20	1	EA	237310	303-5.10.2	Curb Ramp Type C2 with Detectable Warning Tiles	\$ 4,000.00	\$ 4,000.00
21	1	EA	237310	303-5.10.2	Curb Ramp Case A, SDG-130 with Detectable Warning Tiles	\$ 4,000.00	\$ 4,000.00
22	1	LS	237110	306-1.1.6	Trench Shoring	 	\$ 2,500.00
23	15	CY	237110	306-1.2.1.1	Additional Bedding	\$ 0.10	\$ 1.50
24	30	TON	237310	306-1.5.1	Temporary Resurfacing	\$ 110.00	\$ 3,300.00
25	220	TON	237110	306-1.6	Imported Backfill	\$ 5.00	\$ 1,100.00
26	14	EA	237110	306-1.6	Sewer Main Cleanout	\$ 3,750.00	\$ 52,500.00
27	3	EA	237110	306-1.8.6	Manholes (3' x 4')	\$ 7,000.00	\$ 21,000.00
28	11	EA	237110	306-1.8.6	Connection to Existing Manhole and Rechanneling	\$ 1.00	\$ 11.00
29	13,500	LF	237110	306-9.7	Cleaning and Video Inspecting Pipelines and Culverts	\$ 0.80	\$ 10,800.00
30	300	EA	237110	500-1.1.9	Lateral Launch Video	\$ 40.00	\$ 12,000.00
31	13,270	LF	237110	500-1.1.9	Rehabilitate 8-Inch Sewer Main	\$ 21.50	\$ 285,305.00
32	200	LF	237110	500-1.1.9	Rehabilitate 10-Inch Sewer Main	\$ 32.50	\$ 6,500.00
33	9	EA	237110	500-1.2.7	Point Repair for Existing 8-Inch Sewer Main	\$ 4,000.00	\$ 36,000.00
34	180	LF	237110	500-1.2.7	Additional Point Repair for Existing 8-Inch Sewer Main	\$ 1.00	\$ 180.00
35	297	EA	237110	500-4.9	Service Lateral Connection	\$ 750.00	\$ 222,750.00
36	3	EA	237110	500-4.9	6-Inch Service Lateral Connection	\$ 900.00	\$ 2,700.00
37	3,690	LF	237110	500-1.6.6	4-Inch Service Lateral Lining with Cleanout Up to 7-Feet in Depth	\$ 65.00	\$ 239,850.00
38	3,810	LF	237110	500-1.6.6	4-Inch Service Lateral Lining with Cleanout Greater Than 7-Feet in Depth	\$ 69.00	\$ 262,890.00
39	60	LF	237110	500-1.6.6	6-Inch Service Lateral Lining with Cleanout Greater Than 7-Feet in Depth	\$ 73.00	\$ 4,380.00
40	9	EA	237110	500-2.10.2	Rehabilitate Existing Manhole	\$ 1,475.00	\$ 13,275.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
41	1	LS	541330	701-13.9.5	Water Pollution Control Program Development	 	\$ 600.00.
42	1	LS	237310	701-13.9.5	Water Pollution Control Program Implementation	 	\$ 1,000.00
43	1	LS	237110	704-4	Sewage Bypass and Pumping Plan (Diversion Plan)	 	\$ 500.00
ESTIMATED TOTAL BASE BID:							\$ 1,299,107.50

TOTAL BID PRICE FOR BID (Items 1 through 43 inclusive) amount written in words:

One million Two Hundred Ninety-Nine thousand One Hundred Seven Dollars & fifty Cents

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: None

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

DOMINIC J. BURTECH - PRESIDENT & CEO

JULIE J. BURTECH - EXEC. VP & SECRETARY

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

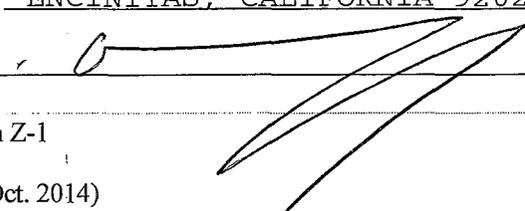
Bidder: BURTECH PIPELINE INCORPORATED

Title: PRESIDENT & CEO

Business Address: 102 2ND STREET,

Place of Business: ENCINITAS, CALIFORNIA 92024

Place of Residence: ENCINITAS, CALIFORNIA 92024

Signature: 

NOTES:

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

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

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

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Sealright Paving</u> Address: <u>9053 Olive Drive</u> City: <u>Spring Valley</u> State: <u>CA</u> Zip: <u>91977</u> Phone: <u>(619) 465-7411</u> Email: <u>srpestimating@sbcglobal.net</u>	Constructor	364113	Coldmill, AC Overlay, Crock Seal, AC Paving	\$ 46,576.32	SLBE	CITY	—
Name: <u>G. Scott Asphalt Inc.</u> Address: <u>358 Trousdale Drive,</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>(619) 420-1854</u> Email: <u>danc@asphaltrepairs.com</u>	Constructor	751836	Slurry Sealing	\$ 7,920.00	SLBE	CITY	—

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

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

0.5431
RFR

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

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

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

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

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

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>NuLine Technologies LLC</u> Address: <u>102 2nd Street Ste. B,</u> City: <u>Encinitas</u> State: <u>CA</u> Zip: <u>92024</u> Phone: <u>760.674-5153</u> Email: <u>fdurazo@nulinetech.net</u>	Constructor	997520	CIPP Lining manholes SLCs	\$507,079.50	-	-	-
Name: <u>YBS Concrete Inc.</u> Address: <u>824 Kuhn Drive #204,</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91914</u> Phone: <u>619.271.6122</u> Email: <u>ybsconcrete@yahoo.com</u>	Constructor	885270	Curb Ramps	\$ 9,050.00	ELBE	CITY	-

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

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

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

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

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

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

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

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Falcon Construction</u> Address: <u>4258 Calle Isabelino</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92130</u> Phone: <u>619.840.8998</u> Email: <u>falconconstruction2002@gmail.com</u>	Constructor	815325	Open-cut mtl's, C.O.'s & Paint Repair	\$135,000.00	ELBE HUB	city	-
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

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

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

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

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

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

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

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

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

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

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

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

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

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