

City of San Diego

CONTRACTOR'S NAME: Burtech Pipeline Incorporated
ADDRESS: 102 Second Street Encinitas, CA 92024
TELEPHONE NO.: 760-634-2822 **FAX NO.:** _____
CITY CONTACT: Antoinette Sanfilippo - Contract Specialist, Email: ASanfilippo@sandiego.gov
Phone No. (619) 533-3439, Fax No. (619) 533-3633
A. Altes/J. Borja/Lad

BIDDING DOCUMENTS



ORIGINAL



FOR

REMAINING SMALL DIAMETER CI WATER PHASE 1

BID NO.: K-17-1546-DBB-3
SAP NO. (WBS/IO/CC): B-15206
CLIENT DEPARTMENT: 2000
COUNCIL DISTRICT: 1, 2, 3, 4, 8, 9
PROJECT TYPE: KB

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

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

BID DUE DATE:

2:00 PM

MAY 24, 2017

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

1010 SECOND AVENUE, 14th FLOOR, MS 614C

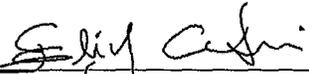
SAN DIEGO, CA 92101

TABLE OF CONTENTS

SECTION	PAGE
1. NOTICE INVITING BIDS	4
2. INSTRUCTIONS TO BIDDERS	7
3. PERFORMANCE AND PAYMENT BONDS	18
4. ATTACHMENTS:	
A. SCOPE OF WORK	21
B. INTENTIONALLY LEFT BLANK	23
C. INTENTIONALLY LEFT BLANK	24
D. PREVAILING WAGES	25
E. SUPPLEMENTARY SPECIAL PROVISIONS	29
1. Appendix A -Notice of Exemption	46
2. Appendix B - Fire Hydrant Meter Program	49
3. Appendix C - Materials Typically Accepted by Certificate of Compliance	63
4. Appendix D - Sample City Invoice	65
5. Appendix E - Location Map	67
6. Appendix F - Adjacent Projects	69
7. Appendix G - Hydrostatic Discharge Form	75
8. Appendix H - Discharge Points and Flow Data	77
9. Appendix I - Hazardous Label/Forms	79
10. Appendix J - Sample of Public Notice	85
11. Appendix K - Advanced Metering Infrastructure (AMI) Device Protection	87
F. INTENTIONALLY LEFT BLANK	94
G. CONTRACT AGREEMENT	95
5. CERTIFICATIONS AND FORMS	98

ENGINEER OF WORK

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



For City Engineer

4/25/17
Date

Seal



NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Remaining Small Diameter CI Water Phase 1**. For additional information refer to Attachment A.
2. **FULL AND OPEN COMPETITION:** This contract is open to full competition and may be bid on by Contractors who are on the City's current Prequalified Contractors' List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$2,730,000**.
4. **BID DUE DATE AND TIME ARE: MAY 24, 2017**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** The City has determined that the following licensing classification are required for this contract: **Class A**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
 - 7.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	8.5%
2. ELBE participation	13.8%
3. Total mandatory participation	22.3%
 - 7.2. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
 - 7.2.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; **OR**
 - 7.2.2. Submit Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within 3 Working Days of the Bid opening if the overall mandatory participation percentage is not met.

8. PRE-BID MEETING:

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

Date: MAY 10, 2017

Time: AT 10:00AM

Location: 1010 Second Avenue, Suite 1400, San Diego, CA 92101

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

9. AWARD PROCESS:

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

10. SUBMISSION OF QUESTIONS:

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

Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: Antoinette Sanfilippo - Contract Specialist

OR:

ASanfilippo@sandiego.gov

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

11. ADDITIVE/DEDUCTIVE ALTERNATES:

- 11.1. The additive/deductive alternates have been established to allow the City to compare the cost of specific portions of the Work with the Project's budget and enable the City to make a decision whether to incorporate these portions prior to award. The award will be established as described in the Bid. The City reserves the right to award the Contract for the Base Bid only or for the Base Bid plus one or more Alternates.
- 11.2. For water pipeline projects, the Plans typically show all cut and plug and connection work to be performed by City Forces. However, Bidders shall refer to Bidding Documents to see if all or part of this work will be performed by the Contractor.

INSTRUCTIONS TO BIDDERS

1. PREQUALIFICATION OF CONTRACTORS:

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

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

- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.

- 1.3. Due to the City's responsibility to protect the confidentiality of the contractors' information, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids™](#).

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

- 2.1. **BIDDERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit and electronic bid.

- 2.2. The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.

- 2.3. The City's electronic bidding system is responsible for bid tabulations. Upon the bidder's or proposer's entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required**

information is missing. This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.

2.4. BIDS REMAIN SEALED UNTIL BID DEADLINE. eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the "Bid Due Date and Time" are not available for review by anyone other than the submitter which has until the "Bid Due Date and Time" to change, rescind or retrieve its proposal should it desire to do so.

2.5. BIDS MUST BE SUBMITTED BY BID DUE DATE AND TIME. Once the bid deadline is reached, no further submissions are accepted into the system. Once the Bid Due Date and Time has lapsed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, EOCP compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.

2.6. RECAPITULATION OF THE WORK. Bids shall not contain any recapitulation of the Work. Conditional Bids may be rejected as being non-responsive. Alternative proposals will not be considered unless called for.

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

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

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

3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT

- 3.1.** The bidder, by submitting its electronic bid, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.
- 3.2.** By submitting an electronic bid, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of the plans and specifications, drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its bid proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents, including any addenda issued thereto, and incorporated by reference in the Contract Documents.
- 3.3.** The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this bid are true and correct.
- 3.4.** The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent.

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

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

- 5.2.** The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer.
- 6. JOINT VENTURE CONTRACTORS:** Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 7-6, "The Contractors Representative" in The GREENBOOK and 7-6.1 in The WHITEBOOK.
- 7. PREVAILING WAGE RATES WILL APPLY:** Refer to Attachment D.
- 8. SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract. Refer to Attachment E.
- 9. INSURANCE REQUIREMENTS:**
- 9.1.** All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City's Notice of Intent to Award letter.
- 9.2.** Refer to sections 7-3, "LIABILITY INSURANCE", and 7-4, "WORKERS' COMPENSATION INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.
- 10. REFERENCE STANDARDS:** Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction ("The GREENBOOK") http://www.greenbookspecs.org/	2015	PWPI070116-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* https://www.sandiego.gov/publicworks/edocref/greenbook	2015	PWPI070116-02
City of San Diego Standard Drawings* https://www.sandiego.gov/publicworks/edocref/standarddraw	2016	PWPI070116-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/publicworks/edocref/drawings	2016	PWPI092816-04
California Department of Transportation (CALTRANS) Standard Specifications - http://www.dot.ca.gov/des/oe/construction-contract-standards.html	2015	PWPI092816-05

Title	Edition	Document Number
CALTRANS Standard Plans http://www.dot.ca.gov/des/oe/construction-contract-standards.html	2015	PWPI092816-06
California Manual on Uniform Traffic Control Devices Revision 1 (CA MUTCD Rev 1) - http://www.dot.ca.gov/trafficops/camutcd/	2014	PWPI092816-07
<p>NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml</p>		

- 11. CITY'S RESPONSES AND ADDENDA:** The City, at its discretion, may respond to any or all questions submitted in writing via the City's eBidding web site in the **form of an addendum**. No other responses to questions, oral or written shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addenda are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.
- 12. CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.
- 13. CONTRACT PRICING:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.
- 14. SUBCONTRACTOR INFORMATION:**
- 14.1. LISTING OF SUBCONTRACTORS.** In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Bidder shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall further state within the description, the **PORTION** of the work which will be performed by each subcontractor under this Contract. The

Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement may result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3, "Subcontracts", which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

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

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

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

16. AWARD:

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

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

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

- 17. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.
- 18. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.
- 19. ONLY ONE BID PER CONTRACTOR SHALL BE ACCEPTED:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
- 20. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, First floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms within these documents.
- 21. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY) FOR DESIGN-BID-BUILD CONTRACTS:**
- 21.1.** For bids \$250,000 and above, bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% of the total bid amount.
- 21.2.** This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.
- 21.3.** The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.

- 21.4. At the time of bid submission, bidders must upload and submit an electronic PDF copy of the aforementioned bid security. Whether in the form of a cashier's check, a properly certified check or an approved corporate surety bond payable to the City of San Diego, the bid security must be uploaded to the City's eBidding system. Within twenty-four (24) hours after the bid due date and time, the first five (5) apparent low bidders must provide the City with the original bid security.
- 21.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original within twenty-four (24) hours may cause the bid to be rejected and deemed **non-responsive**.

22. AWARD OF CONTRACT OR REJECTION OF BIDS:

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

23. BID RESULTS:

- 23.1.** The availability of the bids on the City's eBidding system shall constitute the public announcement of the apparent low bidder. In the event that the apparent low bidder is subsequently deemed non-responsive or non-responsible, a notation of such will be made on the eBidding system. The new ranking and apparent low bidder will be adjusted accordingly.
- 23.2.** To obtain the bid results, view the results on the City's web site, or request the results by U.S. mail and provide a self-addressed, stamped envelope. If requesting by mail, be sure to reference the bid name and number. The bid tabulations will be mailed to you upon their completion. The results will not be given over the telephone.

24. THE CONTRACT:

- 24.1.** The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.
- 24.2.** If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
- 24.3.** If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.
- 24.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14 Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.

- 24.5.** The award of the Contract is contingent upon the satisfactory completion of the above-mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee and approval as to form the City Attorney's Office. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.
- 25. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 26. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 26.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 26.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 26.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 26.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 26.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 26.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 26.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

27. PRE-AWARD ACTIVITIES:

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

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

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 **Two Million Three Hundred Twenty-Six Thousand Three Hundred Eighty-Six Dollars and Twenty-Nine Cents (\$2,326,386.29)** for the faithful performance of the annexed contract, and in the sum of **Two Million Three Hundred Twenty-Six Thousand Three Hundred Eighty-Six Dollars and Twenty-Nine Cents (\$2,326,386.29)** for the benefit of laborers and materialmen designated below.

Conditions:

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

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

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

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

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

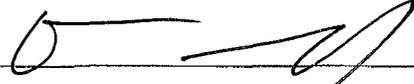
PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND (continued)

Dated JUNE 16, 2017

Approved as to Form

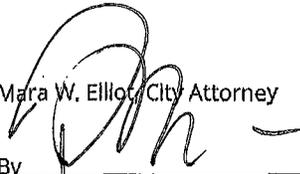
BURTECH PIPELINE, INCORPORATED

Principal

By 

DOMINIC J. BURTECH, JR., PRESIDENT

Printed Name of Person Signing for Principal

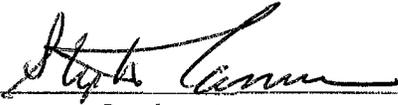
Mara W. Elliot, City Attorney
By 
Deputy City Attorney

NORTH AMERICAN
SPECIALTY INSURANCE COMPANY

Surety

By 
MARK D. IATAROLA, Attorney-In-fact

Approved:

By 
Stephen Samara
Principal Contract Specialist
Public Works Department

6 HUTTON CENTRE DRIVE, SUITE 850

Local Address of Surety

SANTA ANA, CA 92707

Local Address (City, State) of Surety

714/550-4141

Local Telephone No. of Surety

Premium \$ 16,895.00

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

Bond No. 2256231

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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

State of California }

County of San Diego }

On 6/19/17 before me, Arthur P. Arquilla, Notary Public
(Here insert name and title of the officer)

personally appeared Dominic Burtch

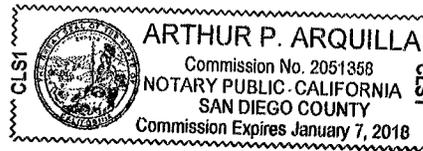
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),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

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

WITNESS my hand and official seal.

Arthur P. Arquilla
Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
- Corporate Officer
- _____ (Title)
- Partner(s)
- Attorney-in-Fact
- Trustee(s)
- Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

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.

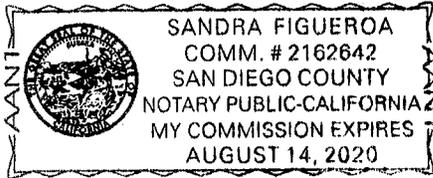
State of California)
County of SAN DIEGO)

On 6/16/2017 before me, SANDRA FIGUEROA, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer
personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~(e)~~ 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~~(e)~~, or the entity upon behalf of which the person~~(e)~~ acted, executed the instrument.

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

WITNESS my hand and official seal.



Signature Sandra Figueroa
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

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

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

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

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

and MARK D. IATAROLA

JOINTLY OR SEVERALLY

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

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

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

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

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



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



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

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

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

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



[Signature]
M. Kenny, Notary Public

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

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 16th day of JUNE, 2017.

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

ATTACHMENTS

ATTACHMENT A

SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** Construction consists of the installation (replace-in-place) of existing cast iron water mains with new 8-inch, 12-inch, and 16-inch PVC pipes. Associated improvements will include curb ramps, street resurfacing, and other work and appurtenances in accordance with the specification and schematic drawings.
 - 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids and Plans numbered **39092-01-D** through **39092-20-D** and **39092-T01-D** through **39092-T10-D**, inclusive.
2. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$2,730,000**.
3. **LOCATION OF WORK:** The location of the Work is as follows:

See Location Map attached in Appendix E.
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **300 Working Days**.
 - 4.1. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid, appropriate license at the time that the Bid is submitted. Failure to possess the specified license may render the Bid as **non-responsive** and ineligible for award.
 - 4.2. The City has determined that the following licensing classification is required for this contract:
 - **CLASS A**

ATTACHMENT B
INTENTIONALLY LEFT BLANK

ATTACHMENT C
INTENTIONALLY LEFT BLANK

ATTACHMENT D
PREVAILING WAGES

PREVAILING WAGES

1. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.
 - 1.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
 - 1.1.1. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
 - 1.1.2. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.
 - 1.2. **Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
 - 1.3. **Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records,

verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

- 1.3.1.** For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 1.4. Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 1.5. Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 1.6. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 1.7. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 1.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Equal Opportunity Contracting Department at 619-236-6000.
- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no

contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

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

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

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

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

- 1-2 TERMS AND DEFINITIONS.** To the "WHITEBOOK", item 54, "Normal Working Hours", ADD the following:

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

Traffic Plans specify **night work** on **N. Torrey Pines Rd**. The contractor shall obtain a noise abatement permit prior to commencement of work per section 6-1.3.

SECTION 2 - SCOPE AND CONTROL OF WORK

- 2-3.2 Self Performance.** To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

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

- 2-5.3.4 Supporting Information.** To the "WHITEBOOK", ADD the following:

3. For landscaping and irrigation materials, submit samples and test results to the Engineer within 15 Days of the NTP.

- 2-14.3 Coordination.** To the "WHITEBOOK", ADD the following:

2. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of limits of work described below. See **Appendix "F"** for

the approximate location. Coordinate the Work with the adjacent projects as listed below:

- a) **Broadway near 41st St:** Hilltop Drive UUD, Jie Xiao 619-533-5496
- b) **Kettner Blvd & F St:** Water Group Job 952, Casey Crown 619-533-3611
- c) **Sterne St & Rosecrans St:** PR00022, Helen Deisher (Naval Facilities Eng Command) 619-556-6036
- d) **Fort Stockton Dr & Sunset Blvd:** Mission Hills Historic St Lighting, Dayue Zhang 619-533-7409
- e) **Fort Stockton Dr & Sunset Blvd:** Bicycle Program, Esmerelda White, 619-533-3198
- f) **Rappahannock Ave:** Residential Project Block 6H, James Bajet 619-533-3046
- g) **Damon Ave:** Sandag's Rose Creek Bikeway, Esmerelda White, 619-533-3198

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

SECTION 4 - CONTROL OF MATERIALS

4-1.3.6 **Preapproved Materials.** To the "WHITEBOOK", ADD the following:

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

4-1.6 **Trade Names or Equals.** To the "WHITEBOOK", ADD the following:

- 11. You shall submit your list of proposed substitutions for an "equal" item **no less than 15 Working Days prior to the Bid due date** and on the City's Product Submittal Form available at:

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

SECTION 5 – UTILITIES

5-2 PROTECTION. To the "WHITEBOOK", item 2, ADD the following:
g) Refer to **Appendix "K"** for more information on the protection of AMI devices.

5-6 COOPERATION. To the "GREENBOOK", ADD the following:
1. Notify SDG&E at **least 14 Working Days** prior to excavating within 10 feet of SDG&E Underground High Voltage Transmission Power Lines (69 KV and higher).

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

6-1.1 Construction Schedule. To the "WHITEBOOK", item 20, ADD the following:
The 120 Calendar Day for the Plant Establishment Period is included in the stipulated Contract Time.

6-2.1 Moratoriums. To the "WHITEBOOK", ADD the following:
3. Do not Work in the areas where there is currently a moratorium issued by the City. The areas subject to moratorium are listed here:
a) Kettner Blvd from Thanksgiving to New Year's Day (inclusive).
b) Garnet Ave from Memorial Day to Labor Day (inclusive).
c) Paving Moratorium: Garnet Ave from present to 12/12/2017 (inclusive).

ADD:

6-3.2.1.1 Environmental Document.
1. The City of San Diego Environmental Analysis Section (EAS) of the Public Works Department has prepared a **Notice of Exemption (NOE) for Remaining Small Diameter CI Water Phase 1**, as referenced in the Contract Appendix. You shall comply with all requirements of the **NOE** as set forth in **Appendix A**.

6-7.1 General. To the "WHITEBOOK", item 3, ADD the following:
d) 30 Days for full depth asphalt final mill and resurfacing work required per SDG-107.
e) Where shutdowns of 16 inch and larger pipes are required, there is a shutdown moratorium from May until October. Plan and schedule Work accordingly. No additional payment or Working Days will be granted for delays due to the moratorium.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-3 INSURANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

7-3 INSURANCE.

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

7-3.1 Policies and Procedures.

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

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

1. Commercial General Liability Insurance shall be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.

2. The policy shall cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There shall be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You shall maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense shall be outside the policy limits. Policy coverage shall be in liability limits of not less than the following:

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

7-3.2.2 Commercial Automobile Liability Insurance.

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

7-3.2.3 Contractors Pollution Liability Insurance.

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

will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible shall not exceed \$25,000 per claim.

4. Contractual liability shall include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There shall be no endorsement or modification of the coverage limiting the scope of coverage for either "insured vs. insured" claims or contractual liability.
5. Occurrence based policies shall be procured before the Work commences and shall be maintained for the Contract Time. Claims Made policies shall be procured before the Work commences, shall be maintained for the Contract Time, and shall include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
6. Except as provided for under California law, the policy or policies shall provide that the City is entitled to 30 Days prior written notice (10 Days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

7-3.2.4 Contractors Hazardous Transporters Pollution Liability Insurance.

1. You shall provide at your expense or require your Subcontractor to provide, as described below, Contractors Hazardous Transporters Pollution Liability Insurance including contractual liability coverage to cover liability arising out of transportation of hazardous or toxic, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit per occurrence/aggregate for bodily injury and property damage.
2. All costs of defense shall be outside the limits of the policy. The deductible shall not exceed \$25,000 per claim. Any such insurance provided by a subcontractor instead of you shall be approved separately in writing by the City.
3. For approval of the substitution of Subcontractor's insurance the Contractor shall certify that all activities for which Contractors Hazardous Transporters Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance.
4. Contractual liability shall include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There shall be no endorsement or modification of the coverage limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. Occurrence based policies shall be procured before the Work commences and shall be maintained for the duration of this Contract. Claims Made policies shall be procured before the Work commences, shall be maintained for the duration of this contract, and shall include a 12 month extended Claims

Discovery Period applicable to this contract or the existing policy or policies that shall continue to be maintained for 12 months after the completion of the Work under this Contract without advancing the retroactive date.

5. Except as provided for under California law, the policy or policies shall provide that the City is entitled to 30 Days prior written notice (10 Days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

7-3.2.6 Railroad Protective Liability Insurance. Exclusions relating to performance of operations within the vicinity of any railroad, bridge, trestle, roadbed, tunnel, underpass, or cross shall be deleted from all policies to which they may apply. Alternatively, you may provide separate Railroad Protective Liability Insurance providing coverage, including endorsements, equivalent to that required for the CGL described herein.

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance.

7-3.5.1.1 Additional Insured.

1. You shall provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
2. To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.

3. The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,
 - b) your products,
 - c) your Work, e.g., your completed operations performed by you or on your behalf, or
 - d) premises owned, leased, controlled, or used by you.
4. The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,
 - b) your products, or
 - c) premises owned, leased, controlled, or used by you.

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

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

7-3.5.2 Commercial Automobile Liability Insurance.

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

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

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

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

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

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

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

7-3.5.4 Contractors Hazardous Transporters Pollution Liability Insurance Endorsements.

7-3.5.4.1 Additional Insured.

1. The policy or policies shall be endorsed to include as an Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- a) Ongoing operations performed by you or on your behalf,
- b) your products,
- c) your work, e.g., your completed operations performed by you or on your behalf, or
- d) premises owned, leased, controlled, or used by you.

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

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

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

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

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

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

7-3.8 Notice of Changes to Insurance. You shall notify the City 30 Days prior to any material change to the policies of insurance provided under this Contract.

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

7-4 NOT USED. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

7-4 WORKERS' COMPENSATION INSURANCE AND EMPLOYERS LIABILITY INSURANCE.

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

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

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

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

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

- 7-8.1 General.** To the "WHITEBOOK", ADD the following:
2. Use a self-loading motorized street sweeper equipped with a functional water spray system for this project.

- 7-8.6 Water Pollution Control.** To the "WHITEBOOK", ADD the following:
6. Based on a preliminary assessment by the City, this Contract is subject to **WPCP**.

ADD:

- 7-16.1.3 Weekly Updates Recipients.**
1. Submit a weekly correspondence with updates, traffic control issues and locations, lane closures, and any other pertinent information (with additional contact names given during award process) to the following recipients:

Alice Altes, Associate Engineer, aaltes@sandiego.gov
Christina Awad, Project Engineer, cawad@sandiego.gov
Resident Engineer, TBA, tba@sandiego.gov

- 7-16.3 Exclusive Community Liaison Services.** To the "WHITEBOOK", ADD the following:
2. You shall retain an Exclusive Community Liaison for the Project that shall implement Work in accordance with the specifications described in 7-16.2 "Community Outreach Services" and 7-16.3 "Exclusive Community Liaison Services".

- 7-20 ELECTRONIC COMMUNICATION.** To the "WHITEBOOK", ADD the following:

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

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

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

SECTION 9 - MEASUREMENT AND PAYMENT

9-3.2 Partial and Final Payment To the "GREENBOOK", paragraph (3), DELETE in its entirety and SUBSTITUTE with the following:

Upon commencement of the Work, an escrow account shall be established in a financial institution chosen by you and approved by the City. Documentation for an escrow payment shall have an escrow agreement signed by you, the City, and the escrow agent. From each progress payment, no less than 5% will be deducted and deposited by the City into the escrow account. Upon completion of the Contract, the City will notify the Escrow agent in writing to release the funds to you. Only the designated representative of the City shall sign the request for the release of Escrow funds.

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. To the "WHITEBOOK" ADD the following:

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

SECTION 203 - BITUMINOUS MATERIALS

203-3.4.4 RUBBER POLYMER MODIFIED SLURRY (RPMS). To the "WHITEBOOK", ADD the following:

1. RPMS shall be used on this Contract.

SECTION 209 - PRESSURE PIPE

209 PRESSURE PIPE. To the "WHITEBOOK", ADD the following:

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

SECTION 300 - CLEARING AND GRUBBING

300-1.4 Payment. To the "WHITEBOOK, ADD the following:

8. The payment for the removal and replacement of ornamental vegetation and improvements to original conditions at Damon Avenue, sheet 5 of the plans shall be included in the Bid item for "Miscellaneous Landscape Replacement" and no additional payment shall be made.

SECTION 302 – ROADWAY SURFACING

302-4.12.2.1 General. To the "WHITEBOOK", ADD the following:

- 3. When Type I is to be applied over Type II, or when Type II is to be applied over Type III, corrective action in accordance with 302-4.11.1.2, "Reduction in Payment Based on WTAT" such as reductions in payment, non-payment, or removal of Type II or Type III material, respectively, not meeting specifications as directed by the Engineer shall be executed prior to the application of the Type I or Type II material.

302-4.12.4 Measurement and Payment. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

- 2. The payment for RPMS shall be the total square footage used on the project calculated using the method described and shall be paid under the following Bid items:

BID DESCRIPTION	UNIT
Rubber Polymer Modified Slurry (RPMS) Type I	SF
Rubber Polymer Modified Slurry (RPMS) Type II	SF
Rubber Polymer Modified Slurry (RPMS) Type III	SF
Rubber Polymer Modified Slurry (RPMS) Type I (Bike Lane)	SF

The Bid items for RPMS shall include full compensation for the specified surface preparation not included in other Bid items and shall include the Work necessary to construct the RPMS as specified on the Plans. Sweeping, removals, and furnishing the aggregate required for the mix design shall also be included in this Bid item.

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

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

SECTION 304 –METAL FABRICATION AND CONSTRUCTION

304-5 PAYMENT. To the "WHITEBOOK", REVISE section "304-5" to "304-6".

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

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

Build the Project in accordance with the water high-lining phasing shown on the Plans.

306-7.8.2.1 General. To the "WHITEBOOK", item 2, ADD the following:

- a) Specified test pressure for Class 235 pipe shall be 150 psi.
- b) Specified test pressure for Class 305 pipe shall be 200 psi.

306-8.8.3 Thrust Blocks and Anchor Blocks. ADD the following:

Restrained Joint Lengths for Tees and Crosses		
Pipe Run Dia. (in)	Pipe Branch Dia. (in)	Branch Restrained Length, L_b (ft)
16	8	120
16	10	150
16	12	175
16	16	225

SECTION 700 – MATERIALS

700-9.1 Pedestrian Barricade. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. Pedestrian barricades shall be constructed in accordance with the City of San Diego Standard Drawing SDE-103, "Pedestrian Barricade".
- 2. Assembly shall be commercial quality galvanized material.

SECTION 701 – CONSTRUCTION

701-2 PAYMENT. To the "WHITEBOOK", ADD the following:

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

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP) SECTION A – GENERAL REQUIREMENTS

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

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

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

**SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES**

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

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

FROM: City of San Diego
Public Works Department
525 B Street, Suite 750, MS908A
San Diego, CA 92101

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

Project/ WBS No.: B-15206.02.06

Project Title: Remaining Small Diameter CI Water (Phase 1)

Project Location-Specific: The project is located Citywide at the following locations: 1) North Torrey Pines Road (south of Torrey Pines Scenic Drive); 2) Rutgers Road between La Jolla Scenic Drive and Paseo Bonita, Clemson Circle, Bucknell Avenue, and Colgate Circle; 3) Garnet Avenue (near Donaldson Place); 4) Damon Avenue (near Mission Day Drive); 5) Rappahanrock Avenue and Ottawa Avenue; 6) Linda Vista Road near Genesee Avenue; 7) Sterne Street and Rosecrans Street; 8) Fort Stockton Drive (between Sunset Boulevard and Stephens Street); 9) West Pennsylvania Avenue (between Kite Street and Jackdaw Street); 10) West Juniper Street (between Albatross Street and Curlew Street); 11) Olive Street (between 54th Street and 55th Street); 12) 55th Street (between Seifert Street and Laurel Street); 13) Ketner Boulevard (between F Street and G Street); 14) Russ Boulevard (near A Street); 15) 13th Street (between K Street and L Street); 16) 33rd Street (north of K Street) and 17) Broadway Street and 41st Street.

The project locations are within the University, La Jolla, Clairemont Mesa, Linda Vista, Peninsula, Uptown, Greater North Park, Mid-City Communities: Eastern, Downtown, Greater Golden Hill, and Southeastern San Diego Community Planning Areas within Council Districts 1, 2, 3, 4, 7, 8 and 9.

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

Description of nature and purpose of the Project: The project proposes to replace-in-place approximately 7,400 linear feet (LF) of existing 4-, 6-, 8-, 10- and 12-inch cast-iron (CI) water main with new 8- and 12-inch polyvinyl chloride (PVC) pipe at various locations throughout the City. Approximately 115 LF of water main will be abandoned. All work will be within the public-right-of-way within existing alignments. The project also proposes to replace various existing curb ramps in the project area.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: City of San Diego, Public Works Department
Alice Altes, Project Manager
525 B Street, Suite 750
San Diego, CA 92101
(619) 533-4105

Exempt Status: (CHECK ONE)

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269 (b)(c))
- Categorical Exemption; 15301 (Existing Facilities); and 15303 (New Construction or Conversion of Small Structures)

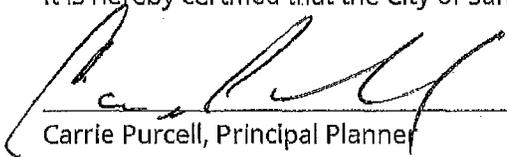
Reasons why project is exempt: The City of San Diego conducted an environmental review and determined the project meets the categorical exemption criteria set forth in the CEQA State Guidelines 15301 (Existing Facilities), which allows for the repair, maintenance, or minor alteration of existing facilities of both investor and publicly owned utilities used to provide electric power, natural gas, sewage or other public utility services (e.g., water main replacement) as well as the repair, maintenance, or minor alteration of highways and streets, sidewalks, gutters, and similar facilities, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination (e.g., curb ramps); and 15303 (New Construction or Conversion of Small Structures), which allows for construction and location of limited numbers of new, small facilities or structures such as water main, sewage, electrical, gas, and other utility extensions, including street improvements of reasonable length to serve such construction and where the exceptions listed in 15300.2 would not apply. This project is not anticipated to impact sensitive resources.

Lead Agency Contact Person: Jerry Jakubauskas, Senior Planner Telephone: (619) 533-3755

If filed by applicant:

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

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



Carrie Purcell, Principal Planner

7/29/2016

Date

Check One:

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

Date Received for Filing with County Clerk or OPR:

APPENDIX B
FIRE HYDRANT METER PROGRAM

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.

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 5 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 6 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 7 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

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

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.

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

7. FEE AND DEPOSIT SCHEDULES

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

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

8. UNAUTHORIZED USE OF WATER FROM A HYDRANT

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

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

- 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.) <u>Zip:</u>	<u>T.B.</u>	<u>G.B. (CITY USE)</u>
Specific Use of Water:		
Any Return to Sewer or Storm Drain, if so, explain:		
Estimated Duration of Meter Use: <input type="text"/>	<input type="checkbox"/>	Check Box if Reclaimed Water

Company Information

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

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

City Meter	Private Meter
Contract Acct #:	Deposit Amount: \$ 936.00 Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05 Meter Make and Style: 6-7
Backflow #	Backflow Size: Backflow Make and Style:
Name:	Signature: Date:

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

Materials Typically Accepted by Certificate of Compliance

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

APPENDIX D
SAMPLE CITY INVOICE

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#:	Fax#:	Contact Name:	Billing Period: (to

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

SUMMARY

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

<p>I certify that the materials have been received by me in the quality and quantity specified</p> <p>_____ Resident Engineer</p> <p>_____ Construction Engineer</p>
--

Retention and/or Escrow Payment Schedule

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

Contractor Signature and Date: _____

APPENDIX E
LOCATION MAP

APPENDIX F
ADJACENT PROJECTS

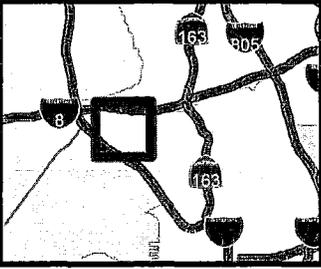
The City of
SAN DIEGO Public Works
RESIDENTIAL PROJECT BLOCK 2E
 (Mission Hills)

SENIOR ENGINEER
 DAYUE ZHANG
 619-533-7409

PROJECT MANAGER
 ALI ALAEIPOUR
 619-533-5141

PROJECT ENGINEER
 CHUN YU CHAN
 619-533-7416

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



Legend

- | | |
|--------------------|----------------------------------|
| Residential Blk 2E | TYPE III SLURRY SEAL |
| FULL WIDTH INLAY | TYPE I OVER TYPE III SLURRY SEAL |
| FULL WIDTH INLAY | 2" GRIND 3" PAVE |
| | 1.5" GRIND 2" PAVE |



COMMUNITY NAME: MISSION HILLS

COUNCIL DISTRICT: 2

SAP ID: B-00709

Date: May 13, 2016
 Remaining Small Diameter CI Water Phase 1
 Appendix F - Adjacent Projects



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 from the SANDAG Regional Information System which cannot be reproduced without the written permission of SANDAG. This product may contain information reproduced from 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.

PREDESIGN LOCATION MAP

WATER GROUP JOB 952



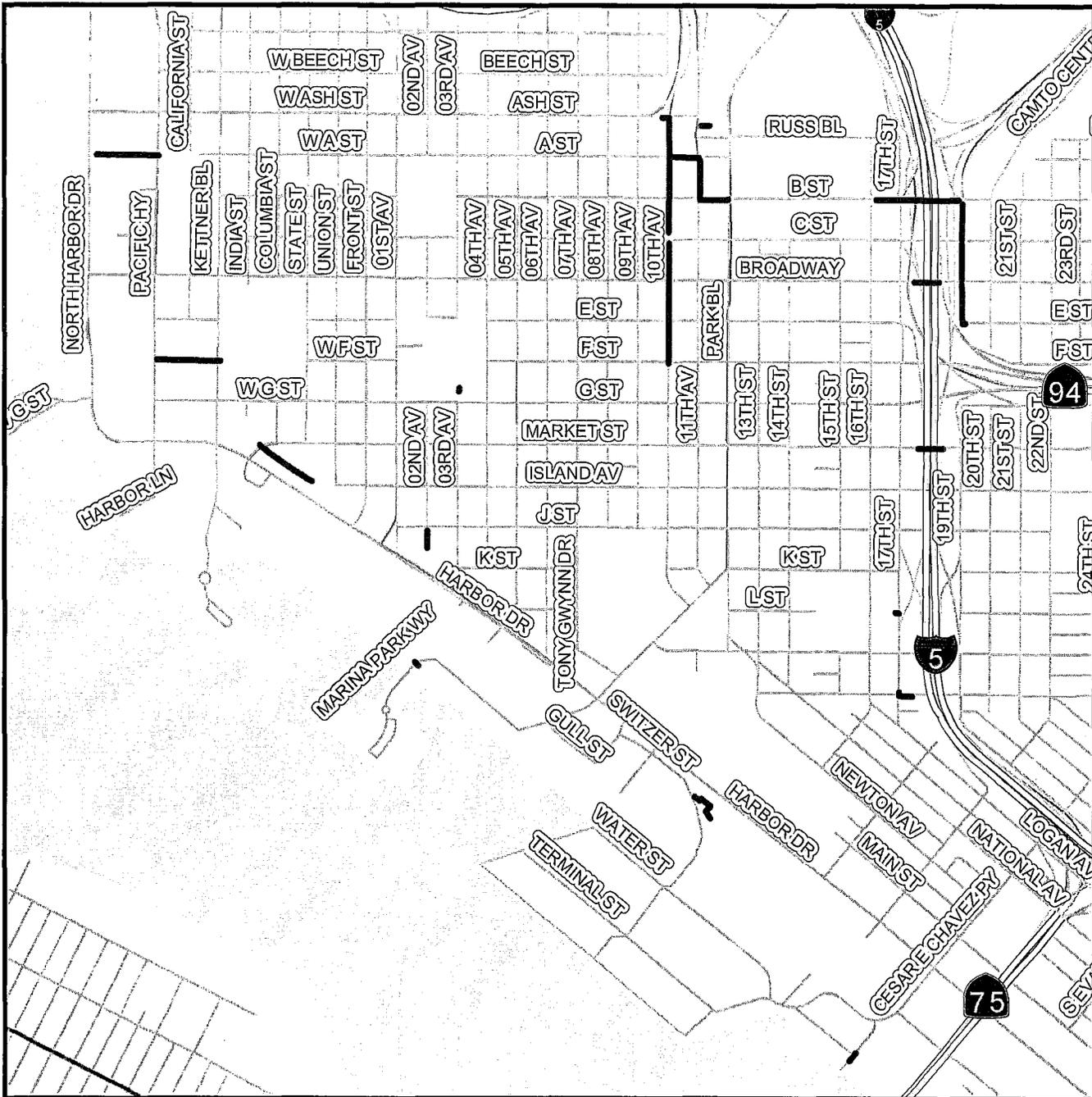
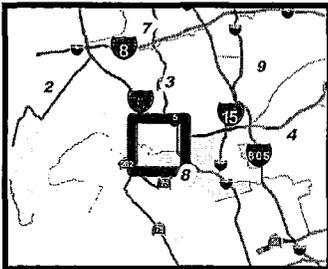
PREDESIGN SENIOR ENGINEER
ALEX GARCIA
(619)-533-3634

PREDESIGN PROJECT MANAGER
ERIC WILDBERGER
(619) 533-3765

PREDESIGN PROJECT ENGINEER
ERIC WILDBERGER
(619) 533-3765

PREDESIGN DRAFTER
TEDDY RAMOS
(619) 533-3734

PROJECT IMPLEMENTATION DIVISION



Legend

— Water Group Job 952



No Scale

S:\PITS\PITS-CIP-Preliminary-Engineering-and-Program-Coordination\Drafting\Water & Sewer Projects\Water Projects\Water Group 952\CIP Tracking\Location Maps

Community Name: Downtown / Barrio Logan

Council District: 3 & 8

SAP ID# B11048

Date: 8-20-2013

Remaining Small Diameter CI Water Phase 1

Appendix F - Adjacent Projects



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 SANDAG. This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SANDAG. 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.

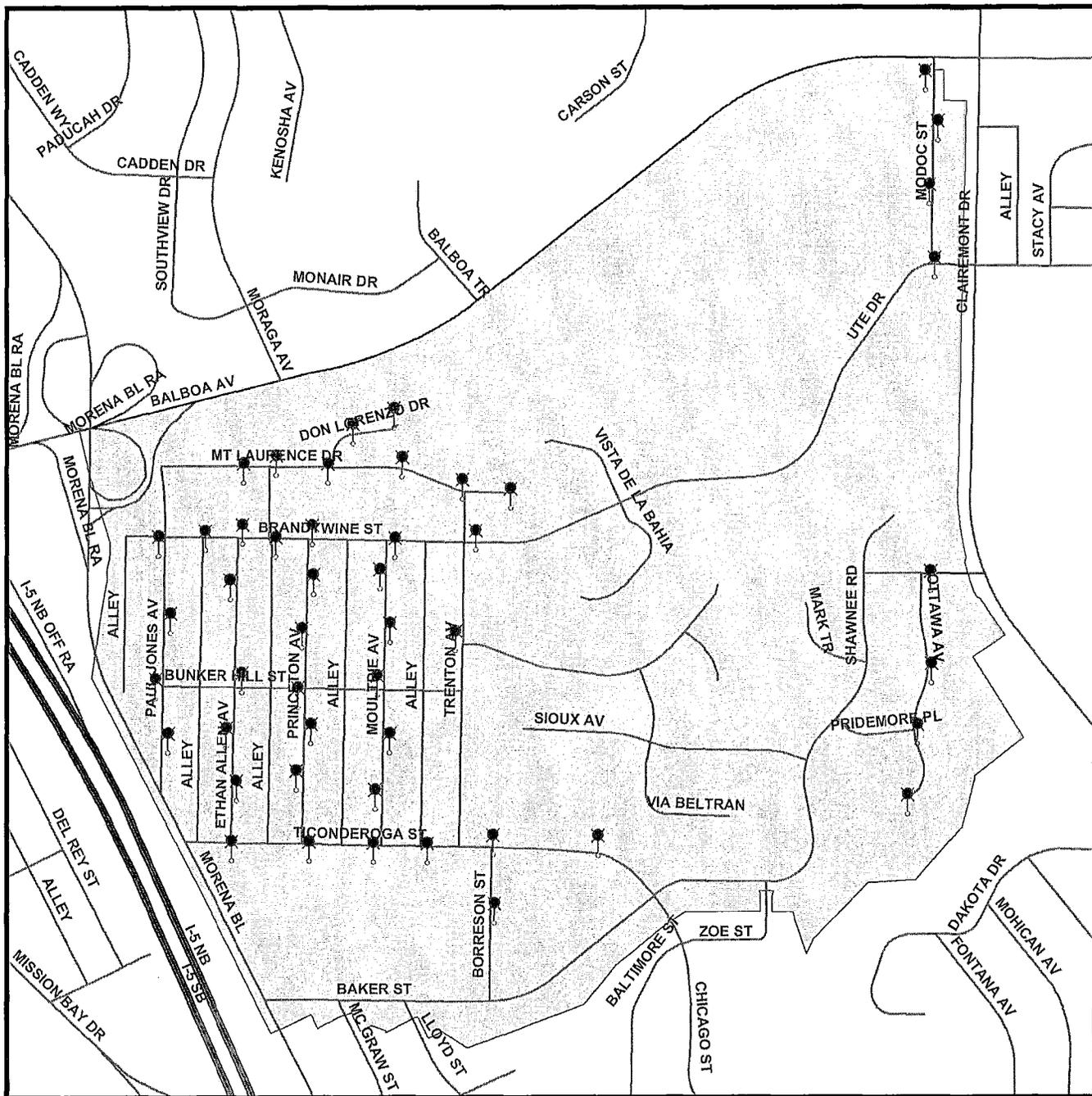
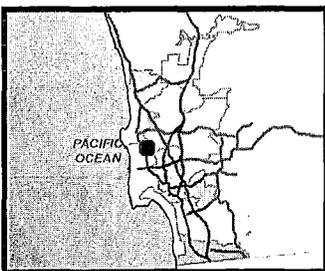
BLOCK 6H UUD

SENIOR ENGINEER
 LABIB QASEM
 (619) 533-6670

PROJECT MANAGER
 JIE XIAO
 (619) 533-5496

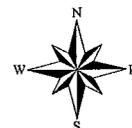


CONSTRUCTION PROJECT
 INFORMATION LINE
 (619) 533-4207



Legend

 STREET LIGHTS TOTAL (48)



COMMUNITY NAME:
 CLAIREMONT MESA

Barab 720 Small Diameter CI Water Phase 1
 Appendix F - Adjacent Projects



COUNCIL DISTRICT: 2



WBS#B15086

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 from the SANDAG Regional Information System which cannot be reproduced without the written permission of SANDAG. This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY to SANDAG. 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.

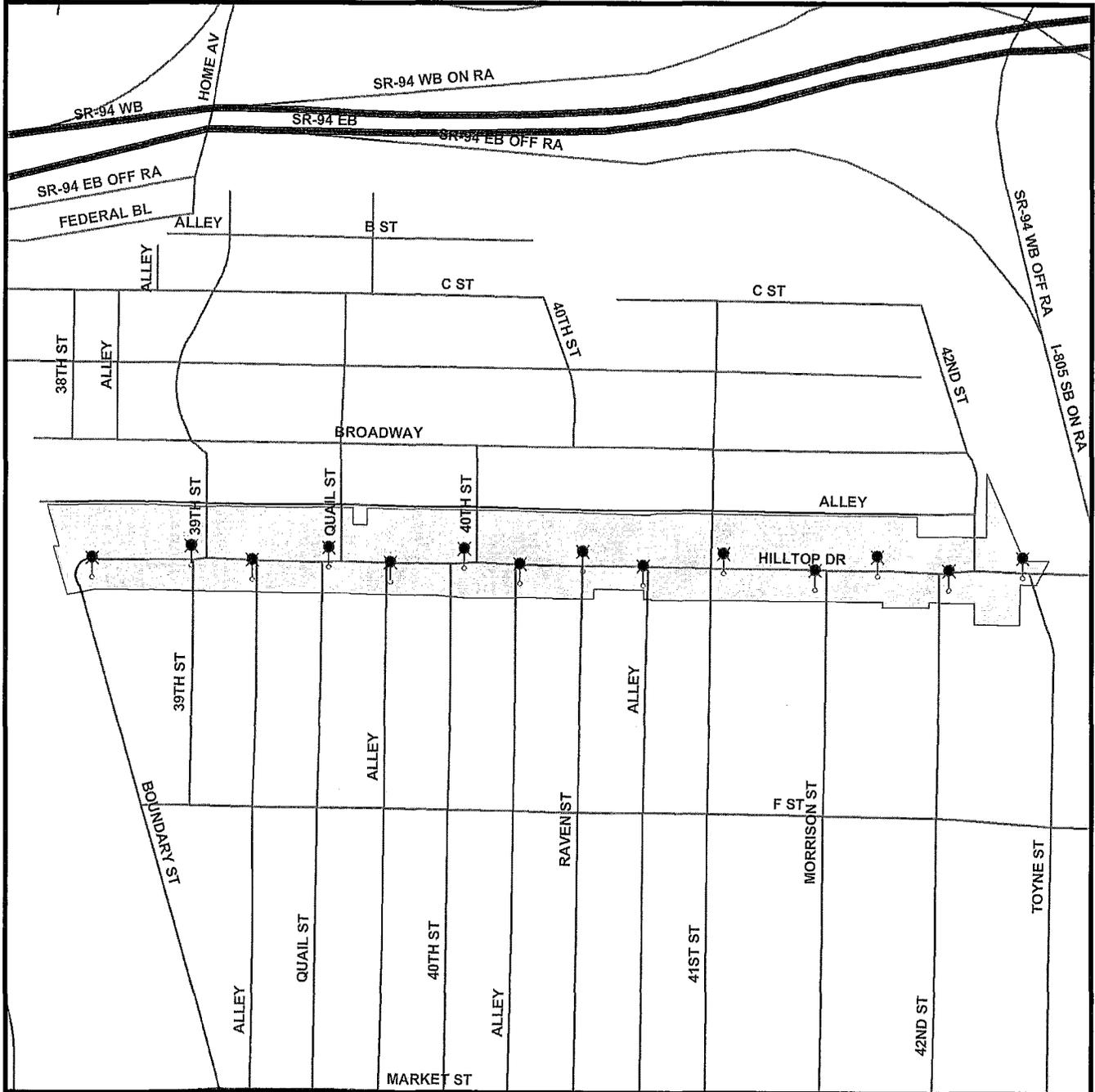
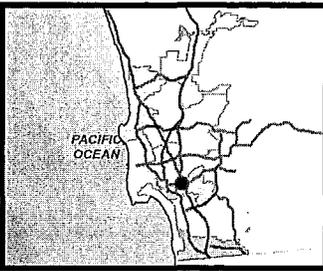
HILLTOP DRIVE UUD

SENIOR ENGINEER
LABIB QASEM
(619) 533-6670

PROJECT MANAGER
JIE XIAO
(619) 533-5496

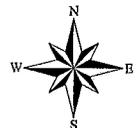


CONSTRUCTION PROJECT
INFORMATION LINE
(619) 533-4207



Legend

STREET LIGHTS TOTAL (14)



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.

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.

PREDESIGN LOCATION MAP
**MISSION HILLS HISTORIC
 STREET LIGHTING**

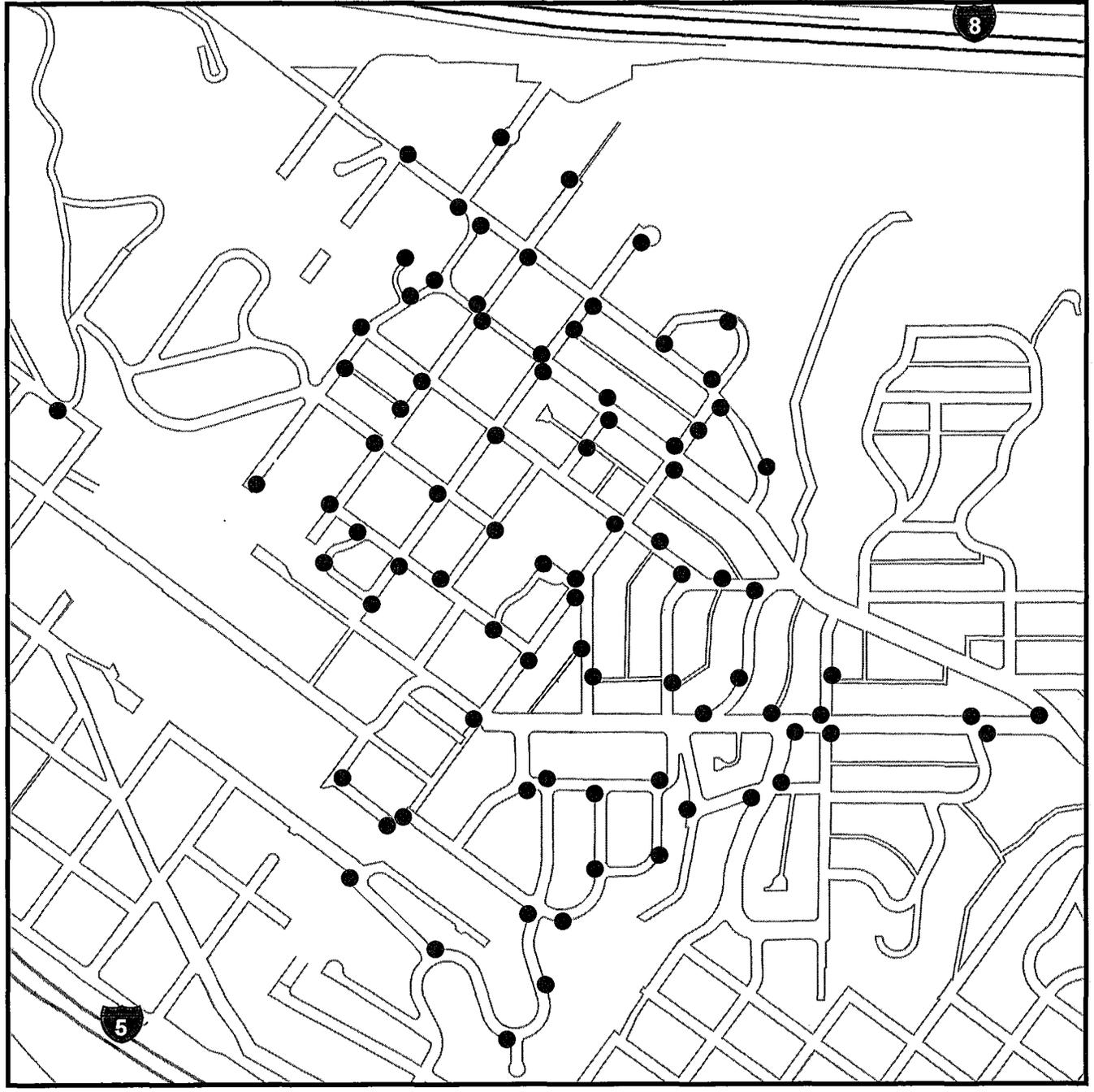
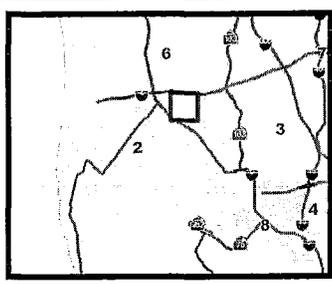
PREDESIGN SENIOR ENGINEER
 XXXXXX
 XXXXXX

PREDESIGN PROJECT MANAGER
 Dayue Zhang
 619-533-7409

PREDESIGN PROJECT ENGINEER
 XXXXXX
 XXXXXX



Project Implementation & Technical Services (PITS)
 CIP Preliminary Engineering & Program Coordination



Legend

- Mission Hills Historic Street Lighting



No Scale

S:\PITS\PITS-CIP-Preliminary-Engineering-and-Program-Coordination\Drafting\TEO Transportation\Mission Hills Historic Street Lighting\CIP Tracking\Location Maps

Community Name: UPTOWN

Council District: 2

SAP ID# S11008

Date: 1-12-2011
 Remaining Small Diameter CI Water Phase 1
 Appendix F - Adjacent Projects



APPENDIX G
HYDROSTATIC DISCHARGE FORM

Hydrostatic Discharge Requirements Certification (Discharge Events \geq 325,850 gpd)

All discharge activities related to this project comply with the Regional Water Quality Control Board (RWQCB) Order No. R9-2010-0003, General Permit for Discharges of Hydrostatic Test Water and Potable Water to Surface Water and Storm Drains as referenced by (http://www.waterboards.ca.gov/sandiego/board_decisions/adopted_orders/2010/R9-2010-0003.pdf), and as follows:

Discharged water has been dechlorinated to below <u>0.1 (mg/l)</u> level; and effluent has been maintained between <u>6 and 9 (pH)</u> based on:							Is Discharge Within Limits?		Comment/Action Taken
Event #	Discharge Date	Item Tested	Duration	Amount (gpd)	Description of the Proposed Discharge	Method and Test Result	YES	NO	
		Chlorine							
		pH							
		Chlorine							
		pH							
		Chlorine							
		pH							
		Chlorine							
		pH							

Qualified Personnel Conducting Tests (Print Name): _____ **SAP No.(s):** _____

***Signed:** _____ **Project Name:** _____

* By signing, I hereby certify and affirm under penalty of perjury that all of the statements and conditions for hydrostatic discharge events are correct.

Have any thresholds been exceeded? Per Order No. R9-2010-0003, would this be a reportable discharge and must be reported **within 24 hours** of the event? [Reportable discharge would include violation of maximum gallons per day, any upset which exceeds any effluent limit]

APPENDIX H

DISCHARGE POINTS AND FLOW DATA

**CITY OF SAN DIEGO
M E M O R A N D U M**

DATE: March 8, 2017

TO: Christina Awad, Junior Civil Engineer, Public Works Department

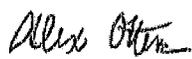
FROM: Alex Ottens, Assistant Civil Engineer, Engineering and Program Management

SUBJECT: Flow Data and Pre-approval for Maximum Allowable Dewatering Discharge – Remaining Small Diameter CI Phase 1

The hydraulic modeling analysis for Remaining Small Diameter CI Phase 1 main flushing has been completed. See below for a table of the flow data and maximum allowable discharges for the manholes indicated. The table is for existing flow conditions and allowable discharge to the existing sewer configuration during dry flow conditions only. Flow must be held for 24 hours after a ½” rainfall event. These numbers are only valid if the existing sewer configuration is in place at the time of discharge.

This is only a pre-approval for capacity. Before discharge begins Industrial Waste needs to approve the discharge, Wastewater Collections needs to approve the flushing, and the capacity will be re-evaluated at that time.

Location	Manhole ID	FSN	Max discharge (GPM)
Myrtle Ave.	I19S318	105709	200
Fort Stockton Dr.	F19S39	90912	500
Pennsylvania Ave.	F19S576	91947	350
Olive St.	K21S261	118879	0
55th St.	K20S50	118868	0
N. Torrey Pines Rd.	C06S118	5585369	1000
Damon Ave.	D13S292	82189	1000
Garnet Ave.	C14S170	77005	1000
Rappahannock Ave.	E14S4	85779	100
Kettner Blvd.	F22S611	5592512	100
Sterne St	C20S382	5190290	300
W. Juniper St.	F21S560	5543795	500
Broadway	J22S834	5625100	75


Alex Ottens

Cc: Matthew Wedeking

APPENDIX I
HAZARDOUS LABEL/FORMS

HAZARDOUS WASTE

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

GENERATOR NAME _____

ADDRESS _____ 24 HR. PHONE () _____

CITY _____ STATE _____ ZIP _____

EPA ID NO. _____ MANIFEST DOCUMENT NO. _____

EPA WASTE NO. _____ CA WASTE NO. _____ ACCUMULATION START DATE _____

CONTENTS, COMPOSITION _____

PROPER DOT SHIPPING NAME _____

TECHNICAL NAME (S) _____

UNNA NO. WITH PREFIX _____

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

HANDLE WITH CARE!
CONTAINS HAZARDOUS OR TOXIC WASTES

INCIDENT/RELEASE ASSESSMENT FORM ¹

If you have an emergency, Call 911

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

Questions for Incident Assessment:

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

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

Call 911 in an emergency

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

If in doubt, report the release.

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

EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM

A	BUSINESS NAME	FACILITY EMERGENCY CONTACT & PHONE NUMBER () -					
B	INCIDENT DATE	MO	DAY	YR	TIME OES NOTIFIED	(use 24 hr time)	OES CONTROL NO.
C	INCIDENT ADDRESS LOCATION			CITY / COMMUNITY	COUNTY	ZIP	
D	CHEMICAL OR TRADE NAME (print or type)				CAS Number		
E	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A <input type="checkbox"/>				CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C. Section 9603 (a) <input type="checkbox"/>		
F	PHYSICAL STATE CONTAINED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS		PHYSICAL STATE RELEASED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS		QUANTITY RELEASED		
G	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER			TIME OF RELEASE	DURATION OF RELEASE — DAYS — HOURS — MINUTES		
H	ACTIONS TAKEN						
I	KNOWN OR ANTICIPATED HEALTH EFFECTS (Use the comments section for addition information)						
J	<input type="checkbox"/> ACUTE OR IMMEDIATE (explain) _____ <input type="checkbox"/> CHRONIC OR DELAYED (explain) _____ <input type="checkbox"/> NOT KNOWN (explain) _____						
K	ADVICE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS						
L	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)						
M	CERTIFICATION: I certify under penalty of law that I have personally examined and I am familiar with the information submitted and believe the submitted information is true, accurate, and complete. REPORTING FACILITY REPRESENTATIVE (print or type) _____ SIGNATURE OF REPORTING FACILITY REPRESENTATIVE _____ DATE: _____						

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS

GENERAL INFORMATION:

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

BASIC INSTRUCTIONS:

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

SPECIFIC INSTRUCTIONS:

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

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

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

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

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

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

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

Block H: List any additional pertinent information.

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

MAIL THE COMPLETED REPORT TO:

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

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

APPENDIX J

SAMPLE OF PUBLIC NOTICE

FOR SAMPLE REFERENCE ONLY



CONSTRUCTION NOTICE

PROJECT TITLE

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

The work will consist of:

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

How your neighborhood may be impacted:

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

Hours and Days of Operation:

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

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX



CONSTRUCTION NOTICE

PROJECT TITLE

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

The work will consist of:

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

How your neighborhood may be impacted:

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

Hours and Days of Operation:

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

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX

To contact the City of San Diego:  **Public Works**
619-533-4207 | engineering@sandiego.gov | sandiego.gov/CIP

 This information is available in alternative formats upon request.
Remaining Small Diameter CI Water Phase 1
Appendix J - Sample of Public Notice

To contact the City of San Diego:  **Public Works**
619-533-4207 | engineering@sandiego.gov | sandiego.gov/CIP

 This information is available in alternative formats upon request.

APPENDIX K

ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

Protecting AMI Devices in Meter Boxes and on Street Lights

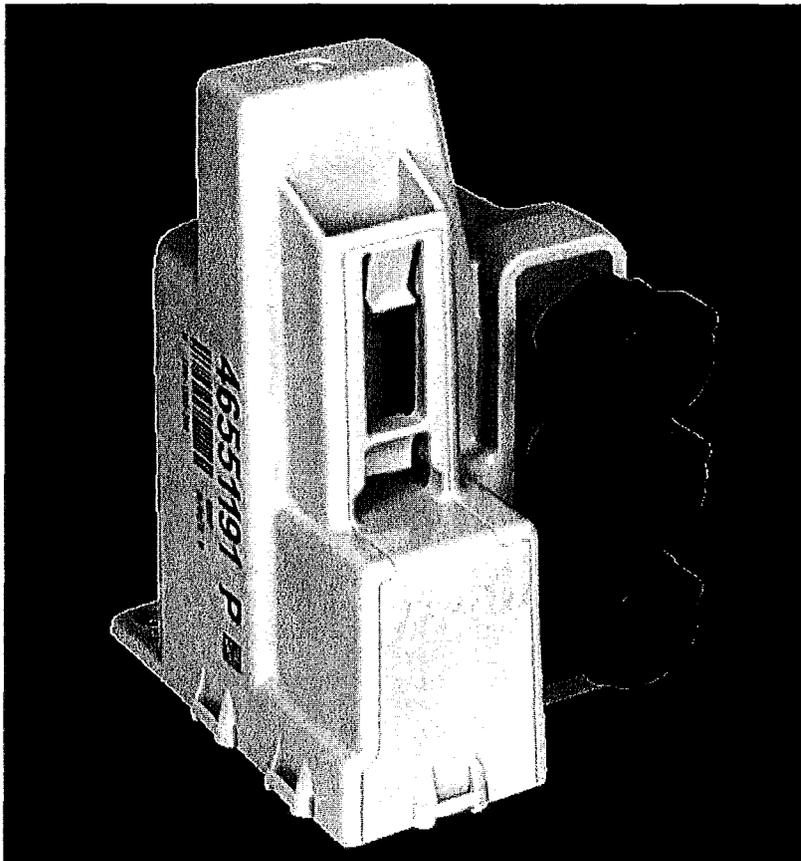
The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water.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

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

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

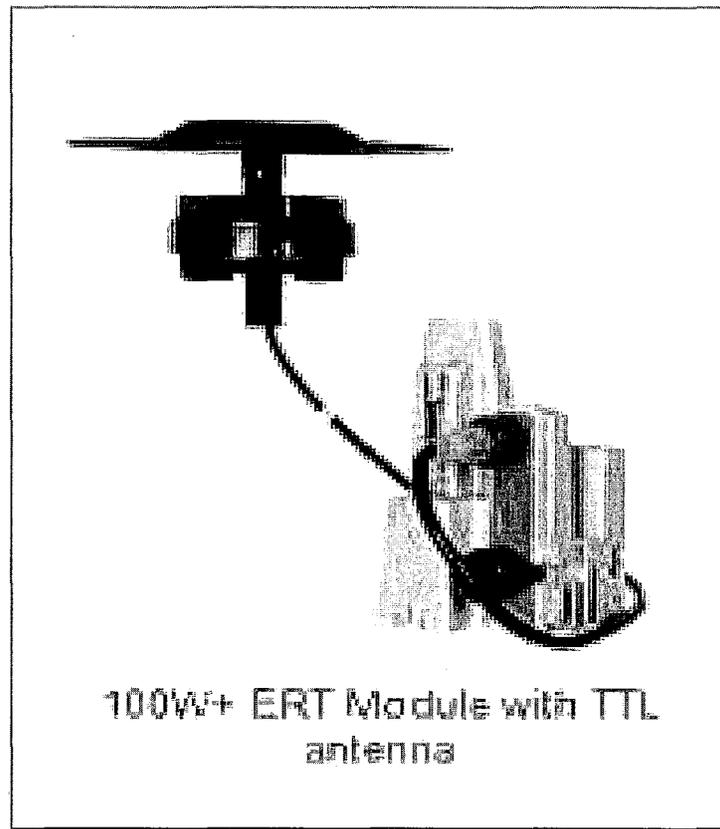
- A. Endpoints, see Photo 1:

Photo 1



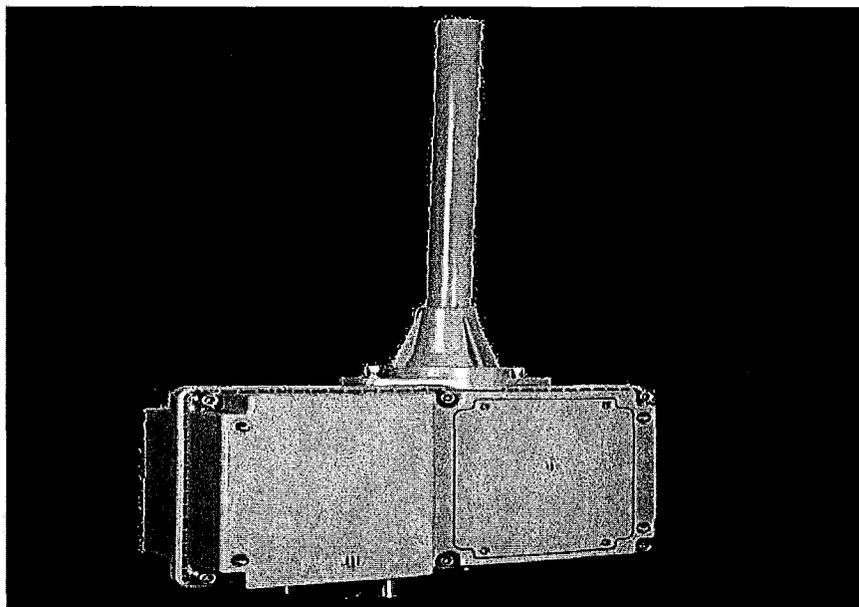
- B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:

Photo 2



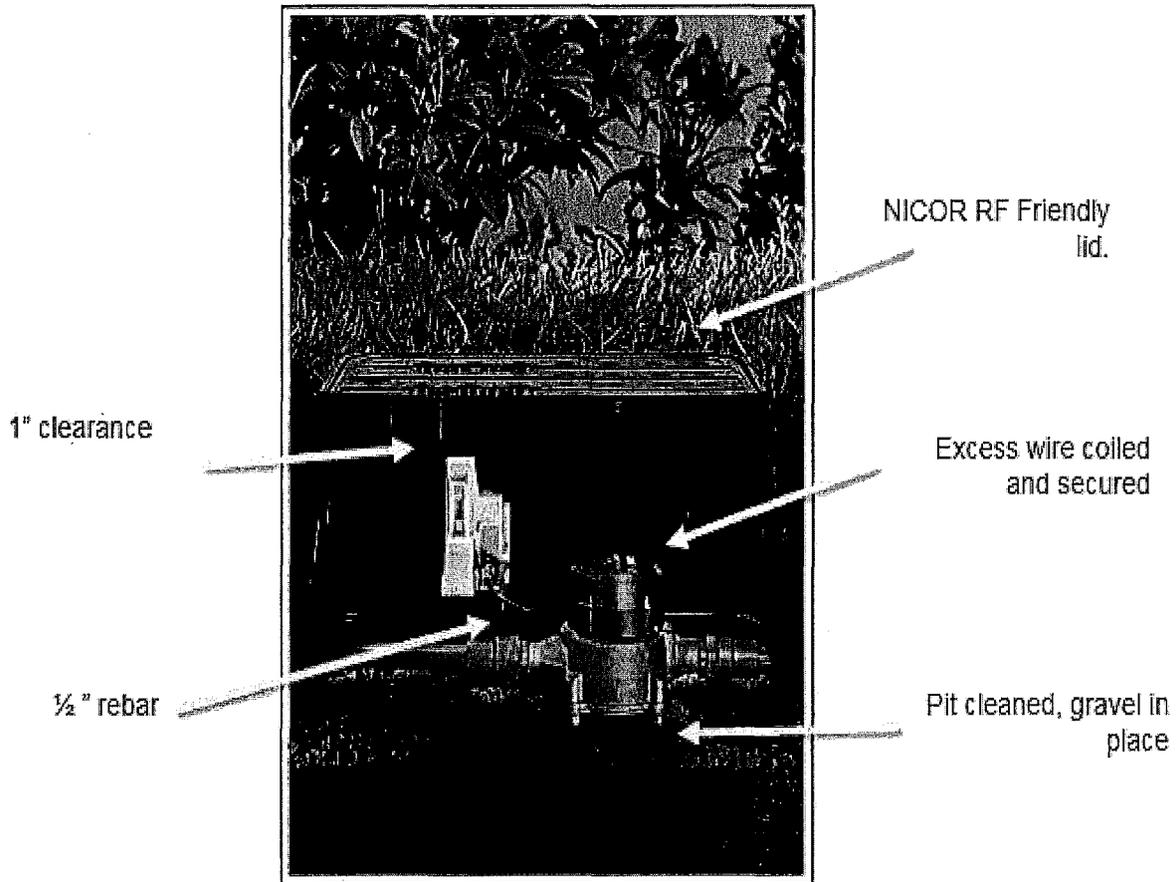
Network Devices, see Photo 3:

Photo 3



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

Photo 4



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

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

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

Photo 5

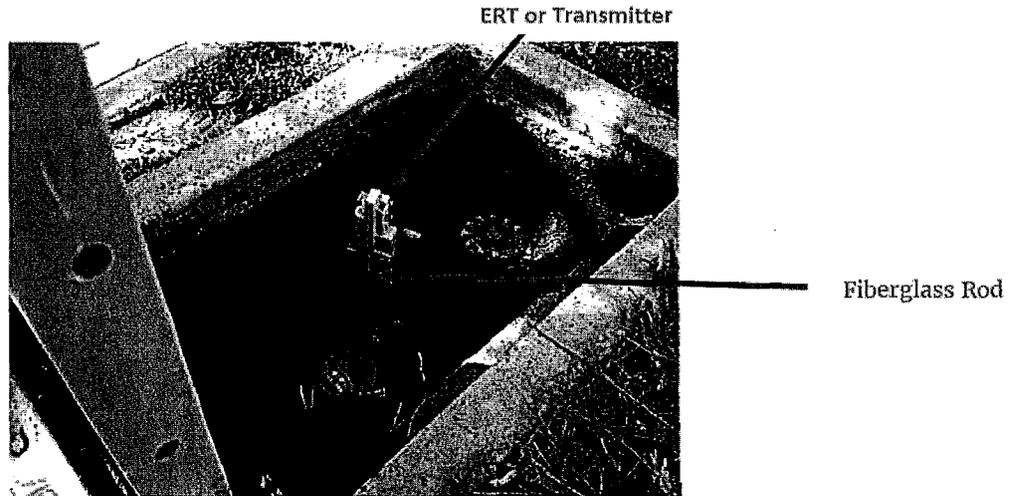
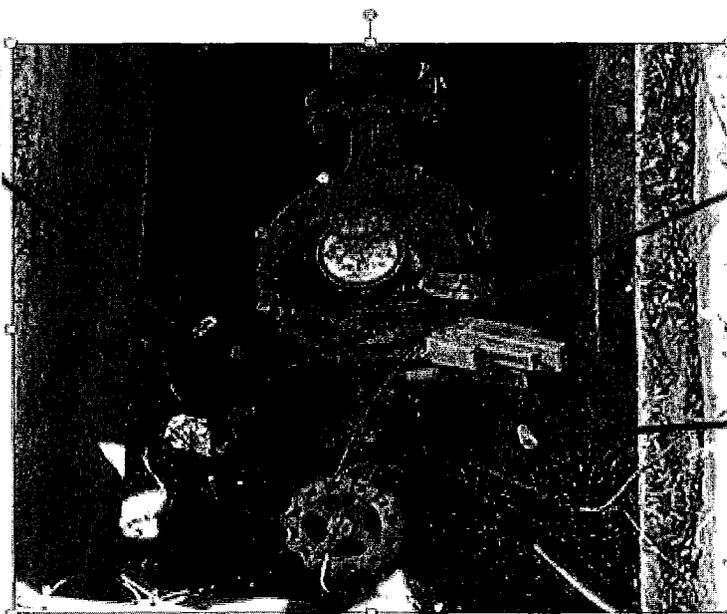


Photo 6 below is an example of disturbance that shall be avoided:

Photo 6

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



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

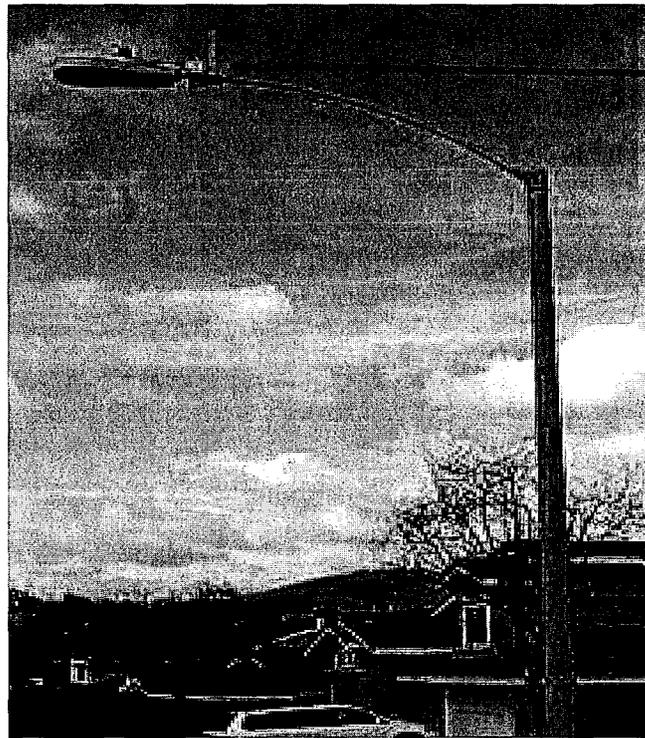
Photo 7



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

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

Photo 8



Network Device

Photo 9



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

ATTACHMENT F
INTENTIONALLY LEFT BLANK

ATTACHMENT G
CONTRACT AGREEMENT

CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Burtech Pipeline Incorporated**, herein called "Contractor" for construction of Remaining Small Diameter CI Water Phase 1; Bid No. K-17-1546-DBB-3; in the amount of **Two Million Three Hundred Twenty-Six Thousand Three Hundred Eighty-Six and Twenty-Nine Cents (\$2,326,386.29)**, which is comprised of the Base Bid plus Alternate A.

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

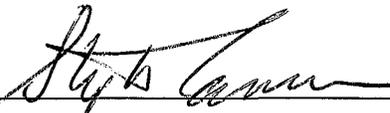
1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Instruction to Bidders and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled **Remaining Small Diameter CI Water Phase 1**, on file in the office of the Public Works Department as Document No. **B-15206**, 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 **Remaining Small Diameter CI Water Phase 1**, Bid No. **K-17-1546-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

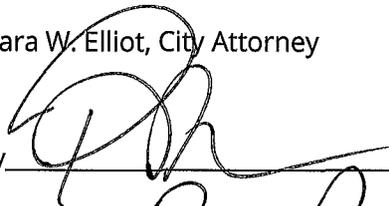
CONTRACT AGREEMENT (continued)

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 
Print Name: Stephen Samara
Principal Contract Specialist
Public Works Department
Date: 9-19-17

Mara W. Elliot, City Attorney
By 
Print Name: Ray Palomucci
Deputy City Attorney
Date: 9/19/17

CONTRACTOR
BURTECH PIPELINE INCORPORATED

By 
Print Name: DOMINIC J. BURTECH
Title: PRESIDENT & CEO
Date: AUGUST 31, 2017

City of San Diego License No.: B1996002066

State Contractor's License No.: 718202

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 100006324

CERTIFICATIONS AND FORMS

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

Bidder's General Information

To the City of San Diego:

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

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

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

State of California

County of San Diego

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

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 7-13.3, "Drug-Free Workplace", of the project specifications, and that;

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

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

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

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

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

I declare under penalty of perjury that I am authorized to make this certification on behalf of the company submitting this bid/proposal, that as Contractor, I am familiar with the requirements of City of San Diego Municipal Code § 22.3004 regarding Contractor Standards as outlined in the WHITEBOOK, Section 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

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

CONTRACTOR CERTIFICATION

Equal Benefits Ordinance Certification

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

AFFIDAVIT OF DISPOSAL

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

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

REMAINING SMALL DIAMETER CI WATER PHASE 1

(Name of Project)

as particularly described in said contract and identified as Bid No. **K-17-1546-DBB-3**; SAP No. (WBS/IO/CC) **B-15206-**; 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

LIST OF SUBCONTRACTORS

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

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

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

- ⓐ 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 | | |
- ⓑ As appropriate, Bidder shall indicate if Subcontractor is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | | |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

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

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

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

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

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

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

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

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

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

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

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

ADDITIVE/ DEDUCTIVE ALTERNATE	NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

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

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

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

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	State of California's Department of General Services	CADoGS
City of Los Angeles	LA	State of California	CA

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

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

ALTERNATE A

ADDITIVE/ DEDUCTIVE ALTERNATE	NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACT OR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____	NONE						
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

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

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

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

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

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

ELECTRONICALLY SUBMITTED FORMS

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

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

A. BID BOND – See Instructions to Bidders, Bidders Guarantee of Good Faith (Bid Security) for further instructions

B. CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

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

BID BOND

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

KNOW ALL MEN BY THESE PRESENTS,

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

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

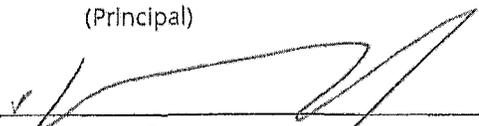
REMAINING SMALL DIAMETER CI WATER PHASE 1

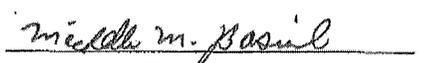
NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes 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 15TH day of MAY, 2017

BURTECH PIPELINE, INCORPORATED (SEAL)
(Principal)

NORTH AMERICAN
SPECIALTY INSURANCE COMPANY (SEAL)
(Surety)

By: 
(Signature)

By: 
(Signature)

DOMINIC J. BURTECH, JR., PRESIDENT

MICHELLE M. BASUIL, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

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

State of California }

County of San Diego }

On 6/5/17 before me, Arthur P. Arquilla, Notary Public
(Here insert name and title of the officer)

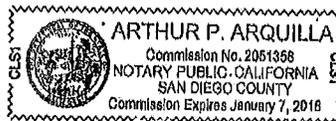
personally appeared Dominic Butech
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s)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

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

WITNESS my hand and official seal.

[Signature]
Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
 Corporate Officer

(Title)

- Partner(s)
 Attorney-in-Fact
 Trustee(s)
 Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ✦ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ✦ Indicate title or type of attached document, number of pages and date.
 - ✦ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

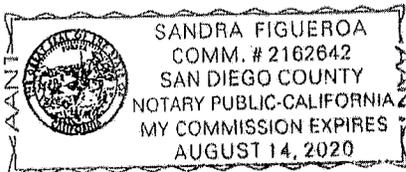
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of SAN DIEGO)
On 5/15/2017 before me, SANDRA FIGUEROA, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer
personally appeared MICHELLE M. BASUIL
Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature Sandra Figueroa
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

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

Capacity(ies) Claimed by Signer(s)

Signer's Name: MICHELLE M. BASUIL

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

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

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

and MARK D. IATAROLA

JOINTLY OR SEVERALLY

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

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

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

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

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



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



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

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

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

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



[Signature]
M. Kenny, Notary Public

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

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 15th day of MAY, 2017.

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

CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

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

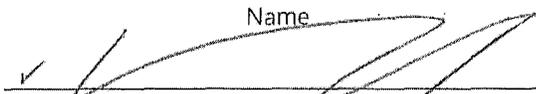
CHECK ONE BOX ONLY.

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

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN
	NONE				

Contractor Name: BURTECH PIPELINE INCORPORATED

Certified By DOMINIC J. BURTECH Title PRESIDENT & CEO

Name

 Signature

Date 6/5/2017

USE ADDITIONAL FORMS AS NECESSARY

City of San Diego

CONTRACTOR'S NAME: Burtech Pipeline Incorporated
ADDRESS: 102 Second Street Encinitas, CA 92024
TELEPHONE NO.: 760-634-2822 FAX NO.: _____
CITY CONTACT: Antoinette Sanfilippo - Contract Specialist, Email: ASanfilippo@sandiego.gov
Phone No. (619) 533-3439, Fax No. (619) 533-3633
A. Altes/J. Borja/Lad

ADDENDUM "A"



FOR

REMAINING SMALL DIAMETER CI WATER PHASE 1

BID NO.: K-17-1546-DBB-3
SAP NO. (WBS/IO/CC): B-15206
CLIENT DEPARTMENT: 2000
COUNCIL DISTRICT: 1, 2, 3, 4, 8, 9
PROJECT TYPE: KB

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

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

BID DUE DATE:

2:00 PM

JUNE 05, 2017

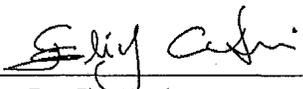
CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

**1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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



For City Engineer

5/23/2017
Date

Seal



A. CHANGES TO CONTRACT DOCUMENTS

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

THE SUBMITTAL DATE FOR THIS PROJECT HAS BEEN **EXTENDED AS STATED ON THE COVER PAGE.**

B. PLANS

To the drawing number 39092-01-D, through 39092-20-D, **DELETE** in their entirety and **REPLACE** with pages 4 through 23 of this addendum.

C. ADDITIONAL CHANGES

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

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

Section	Item Code	Description	Unit of Measure	Quantity	Payment Reference
<u>Main Bid</u>	<u>237110</u>	<u>Removal or Abandonment of Existing Water Facilities</u>	<u>LS</u>	<u>1</u>	<u>306-3.3.3</u>
<u>Main Bid</u>	<u>237110</u>	<u>Water Service (1 Inch)</u>	<u>EA</u>	<u>87</u>	<u>306-15.8</u>
<u>Main Bid</u>	<u>237110</u>	<u>Blow-Off Valve Assembly (2 Inch)</u>	<u>EA</u>	<u>1</u>	<u>306-15.8</u>

James Nagelvoort, Director
Public Works Department

Dated: *May 23, 2017*
San Diego, California

JN/JB/Lad

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 426.6 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INDUSTRY IDENTIFICATION NUMBER.
- NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES, (I.E., 69 KV & HIGHER)
- FOR COORDINATION OF THE SHUTDOWN OF TRANSMISSION MAINS 06 INCHES AND LARGER, CONTACT THE CITY'S SENIOR WATER DISTRIBUTION OPERATIONS SUPERVISOR AT (619) 527-7439. FOR COORDINATION OF THE SHUTDOWN OF DISTRIBUTION MAINS LESS THAN 06 INCHES, CONTACT THE CITY'S WATER OPERATIONS DISTRICT MANAGER AT (619) 527-3945.
- EXCAVATE AROUND WATER METER BOX CITY PROPERTY SIDE TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
- CITY FORCES, WHEN SPECIFIED, OR SHOWN ON THE PLANS, WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.
- KEEP EXISTING MAINS IN SERVICE IN LIEU OF HIGH-LINING, UNLESS OTHERWISE SPECIFIED SHOWN ON PLANS.
- THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 5-UTILITIES.
- EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.
- ALL ADVANCE METERING INFRASTRUCTURE (AMI) DEVICES ATTACHED TO THE WATER METER OR LOCATED IN OR NEAR WATER METER BOXES, COFFERS OR VALVES SHALL BE PROTECTED AT ALL TIMES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

CONSTRUCTION STORM WATER PROTECTION NOTES

- TOTAL SITE DISTURBANCE AREA (ACRES) = 0.5
HYDROLOGIC UNIT / WATERSHED = SEE TABLE
HYDROLOGIC SUBAREA NAMES & NOS. = SEE TABLE
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
 - NPDES
 - THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0002
 - SWPPP
 - THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0002 AND CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DW0 AS AMENDED BY ORDER 2010-0044-DW0 AND 2012-0006-DW0
 - TRADITIONAL RISK LEVEL 1 [] 2 [] 3 []
LUP: RISK TYPE 1 [] 2 [] 3 []
- CONSTRUCTION SITE PRIORITY
 - ASBS
 - HIGH
 - MEDIUM
 - BLOW

MONUMENTATION / SURVEY NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LICENSED LAND SURVEYOR OR LICENSED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA SHALL FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR ANY EARTHWORK, DEMOLITION OR SURFACE IMPROVEMENTS. IF DESTROYED, A LICENSED LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS WHEN SETTING SURVEY MONUMENTS USED FOR RE-ESTABLISHMENT OF THE DISTURBED CONTROLLING SURVEY MONUMENTS AS REQUIRED BY SECTIONS 6730.2 AND 8710 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA. A CORNER RECORD OR RECORD OF SURVEY AS APPROPRIATE SHALL BE FILLED WITH THE COUNTY SURVEYOR. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING AND VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.

ABBREVIATIONS

ASAND	ABANDON	EL ELEV	ELEVATION	DWD	OVER HEAD
ASAND/D	ABANDONED	ELEC	ELECTRIC	PVC	POLYVINYL CHLORIDE
AC	ASBESTOS CEMENT PIPE	EX_EXIST	EXISTING	PROP	PROPOSED
AND	AHEAD	E/O	EAST OF	RED	REDUCER
ASSY	ASSEMBLY	F	FLANGE	RT	RIGHT
BFV	BUTTERFLY VALVE	FH	FIRE HYDRANT	S	SURVEY LINE
BK	BACK	FS	FIRE SERVICE	SD8AE	SAN DIEGO & ARIZONA EASTERN RAILROAD
BTWN	BETWEEN	GV	GATE VALVE	SOTI	SAN DIEGO TROLLEY INC.
CATV	CABLE TV	HOPE	HIGH-DENSITY POLYETHYLENE	SO	STUB OUT
CI	CAST IRON PIPE	HP	HIGH PRESSURE	S/O	SOUTH OF
C	CENTER LINE	IE	INVERT ELEVATION	SWR	SEWER
COND	CONDUIT	LT	LEFT	TEL	TELEPHONE
CONT	CONTINUED	MJ	MECHANICAL JOINT	UNK	UNKNOWN
CONTR	CONTRACTOR	MIS	SAN DIEGO METROPOLITAN	VC	VITRIFIED CLAY PIPE
DB	DIRECT BURIED	MS	MULTIPLE TELEPHONE DUCT	WM	WATER METER
DI	DUCTILE IRON	N/O	NORTH OF	WTR	WATER
EB	ENCASED BURIED	N/O	NORTH OF	WTR	WEST OF

EXISTING STRUCTURES

EX WATER MAIN & VALVES	-----○-----	EX GROUND LINE (PROFILE)	=====
EX WATER METER	-----○-----	EX TRAFFIC SIGNAL	○XTS
EX FIRE HYDRANT	□-----○-----	EX STREET LIGHT	+ SL
EX SEWER MAIN & MANHOLES	-----○-----	GAS MAIN	-----○-----
EX DRAINS	=====	ELEC. CONDUIT, TEL. CONDUIT, CATV	-----○-----
EX PAVEMENT (PROFILE)	=====	RAILROAD, TROLLEY TRACKS	=====
		SURVEY MARKER	○

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	WARNING
				IF THIS BAR DOES NOT MEASURE IT THEN DRAWING IS NOT TO SCALE.

REMAINING SMALL DIAMETER CI WATER PH 1

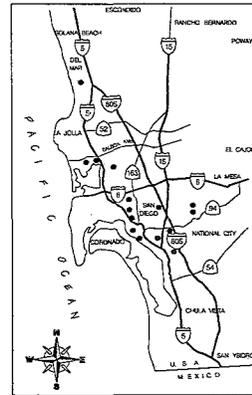
SHEET INDEX

SHEET NO.	DISCIPLINE CODE	TITLE	SIZE (IN)	NATURAL	LENGTH (FT)
1	C-1	COVER SHEET			
2	G-2	KEY MAP			
3	G-3	KEY MAP			
4	C-1	NORTH TORREY PINES RD, MYRTLE AVE	12, 8	PVC	28, 150
5	C-2	GARNET AVE, DAMON AVE, RAPPANANNOCK AVE	12, 8, 12	PVC	84, 280, 49
6	C-3	STERNE ST	8	PVC	333
7	C-4	FORT STOCKTON RD, W PENNSYLVANIA AVE	12	PVC	420
8	C-5	W JUNIPER ST	12	PVC	466
9	C-6	CLIVE ST	8	PVC	662
10	C-7	55TH ST	8	PVC	785
11	C-8	KETTNER BLVD	12	PVC	245
12	C-9	NOT IN CONTRACT	-	-	-
13	C-10	33RD ST	8	PVC	-
14	C-1	BROADWAY ST	8	PVC	604
15	C-2	STREET RESURFACING			
16	C-13	STREET RESURFACING			
17	C-14	CURB RAMP LOCATION			
18	C-15	WORK BY CITY FORCES			
19	C-16	WORK BY CITY FORCES			
20	C-17	MISC DETAILS			
21	T-1	TRAFFIC PLANS			

TOTAL WATER = 4,106 FT

DISCIPLINE CODE

- G GENERAL
- C CIVIL
- T TRAFFIC CONTROL



• JOB SITE LOCATIONS

VICINITY MAP

NOT TO SCALE

SHEET NO.	DISCIPLINE CODE	TITLE	HYDROLOGIC UNIT/WATERSHED	HYDROLOGIC SUBAREA
4	C-1	NORTH TORREY PINES RD	PENASQUITOS	SCRIPPS 906.3
4	C-1	MYRTLE AVE	PUEBLO SAN DIEGO	CHOLLAS 908.22
5	C-2	GARNET AVE, DAMON AVE, RAPPANANNOCK AVE	PENASQUITOS	WIRAMAR 906.4
6	C-3	STERNE ST	PUEBLO SAN DIEGO	POINT LOMA 908.J
7	C-4	FORT STOCKTON RD	PUEBLO SAN DIEGO	LINDBERGH 908.21
7	C-4	W PENNSYLVANIA AVE	PUEBLO SAN DIEGO	LINDBERGH 908.21
8	C-5	W JUNIPER ST	PUEBLO SAN DIEGO	LINDBERGH 908.21
9,10	C-6, C-7	CLIVE ST, 55TH ST	PUEBLO SAN DIEGO	CHOLLAS 908.22
11	C-8	KETTNER BLVD	PUEBLO SAN DIEGO	LINDBERGH 908.21
12	C-9	NOT IN CONTRACT	-	-
13	C-10	33RD ST	PUEBLO SAN DIEGO	CHOLLAS 908.22
14	C-1	BROADWAY ST	PUEBLO SAN DIEGO	CHOLLAS 908.22

LEGEND

IMPROVEMENTS	REFERENCE	SYMBOL
TRENCH RESURFACING	SDG-107, SDG-108	E-----
CUTTING AND PLUGGING ABANDONED WATER MAIN	WP-03	△
SURVEY MONUMENT	M-10, M-10A, M-10B	○
WATER MAIN & APPURTENANCES	SDW-105, SDW-102, SDW-104, SDW-105, SDW-106	○
VALVES WITH CAPS AND WELLS	SDW-109, SDW-102, SDW-103, WY-05	○
FIRE SERVICE CONNECTION & ASSEMBLY	SDW-105, SDW-109, SDW-108, SDW-102, SDW-103	○
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT	SDW-105, SDW-104, SDW-109, SDW-102, SDW-103	○
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED	SDW-105, SDW-107, SDW-104, SDW-105, SDW-106, SDW-107, SDW-108, SDW-149, SDW-150, WS-03	○
WATER SERVICE TRANSFER	SDW-149, SDW-150	○
BLOW-OFF ASSEMBLY	SDW-105, SDW-106, SDW-143, SDW-144, SDW-145, SDW-146, WS-05	○
AIR & VACUUM VALVE	SDW-105, SDW-107, SDW-108, SDW-109, SDW-150	○
HIGHLINING BY CONTRACTOR	SDW-170, SDW-171, SDW-172, SDW-173	IF APPLICABLE

WORK TO BE DONE
CONSTRUCTION CONSISTS OF THE INSTALLATION, REPLACE-IN-PLACE OF EXISTING CAST IRON WATER MAINS WITH NEW 8-INCH AND 12-INCH PVC PIPES. ASSOCIATED IMPROVEMENTS WILL INCLUDE CURB RAMPS, STREET RESURFACING AND OTHER WORK AND APPURTENANCES IN ACCORDANCE WITH THESE SPECIFICATIONS AND SOICMATE DRAWINGS.

FIELD DATA
DATUM: MEAN SEA LEVEL
STREETS REQUIRING 12" TRENCH CAP:
• TORREY PINES SCENIC DRIVE
• GARNET AVENUE
• ROSECRANS STREET

PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
INFORMATION IS NOT DRAWN TO SCALE.
UTILITY MARKOUTS DURING CONSTRUCTION WILL DEFINE REPLACEMENT LOCATION.

PLANS FOR THE CONSTRUCTION OF REMAINING SMALL DIAMETER CI WATER PH 1 COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 1 OF 20 SHEETS		WATER PROJ. NO. BIS206 SEWER NO.
FOR APPROVAL BY THE CITY ENGINEER	DATE 3/18/17	PROJECT MANAGER ALICE ALTES
PRINT DATE NAME ELF CELTN	DATE 3/18/17	PROJECT LEADER CHRISTINA AWAD
DESCRIPTION	BY	APPROVED
ORIGINAL	CAK/CE	
DATE STARTED		DATE COMPLETED
CONTRACTOR		INSPECTOR
DATE STARTED		DATE COMPLETED

AS-BUILT INFORMATION

MATERIALS	MANUFACTURER
PIPE CL 235 (WATER)	-
PIPE SDR 35 (SEWER)	-
GATE VALVES	-
FIRE HYDRANTS	-
SEWER MANHOLES	-
REHABILITATE SEWER MANHOLES	-
REHABILITATE SEWER MAIN	-



REMAINING SMALL DIAMETER CI WATER PH 1

G-1



LEGEND

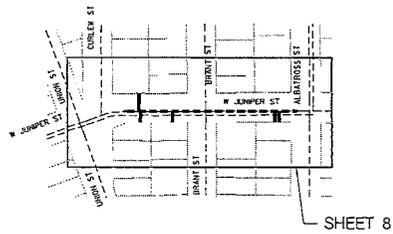
- EX WATER
- WATER ABANDONMENT
- PROPOSED WATER



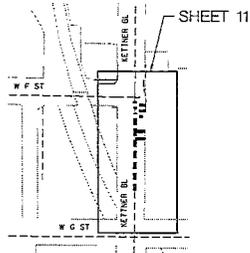
**PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
KEY MAP**

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 2 OF 20 SHEETS		WATER PH 1 BIS206 SEWER PH 1
SHEET NO. 378017 DATE 06/20/20 PREPARED BY ELP CETIN CHECKED BY DATE		PROJECT MANAGER ALICE ALTES PROJECT ENGINEER CHRISTINA AWAD
DESCRIPTION ORIGINAL	BY CA/AC	APPROVED DATE FILED SEE SHEETS SEE SHEETS SEE SHEETS 39082-02-D
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	

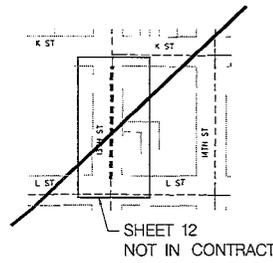




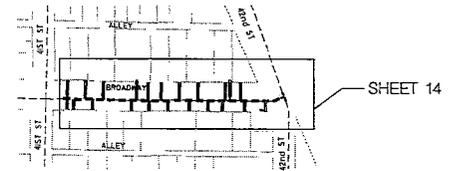
SHEET 8



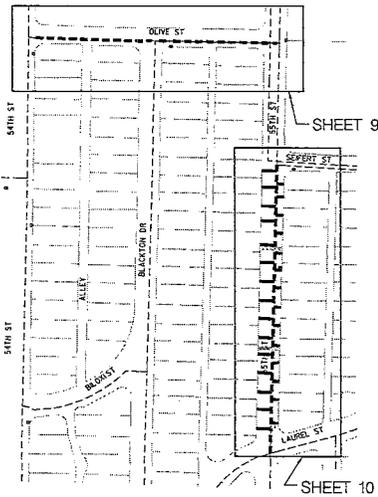
SHEET 11



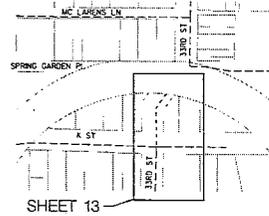
SHEET 12
NOT IN CONTRACT



SHEET 14



SHEET 9



SHEET 13

LEGEND

- EX WATER
- - - WATER ABANDONMENT
- - - PROPOSED WATER



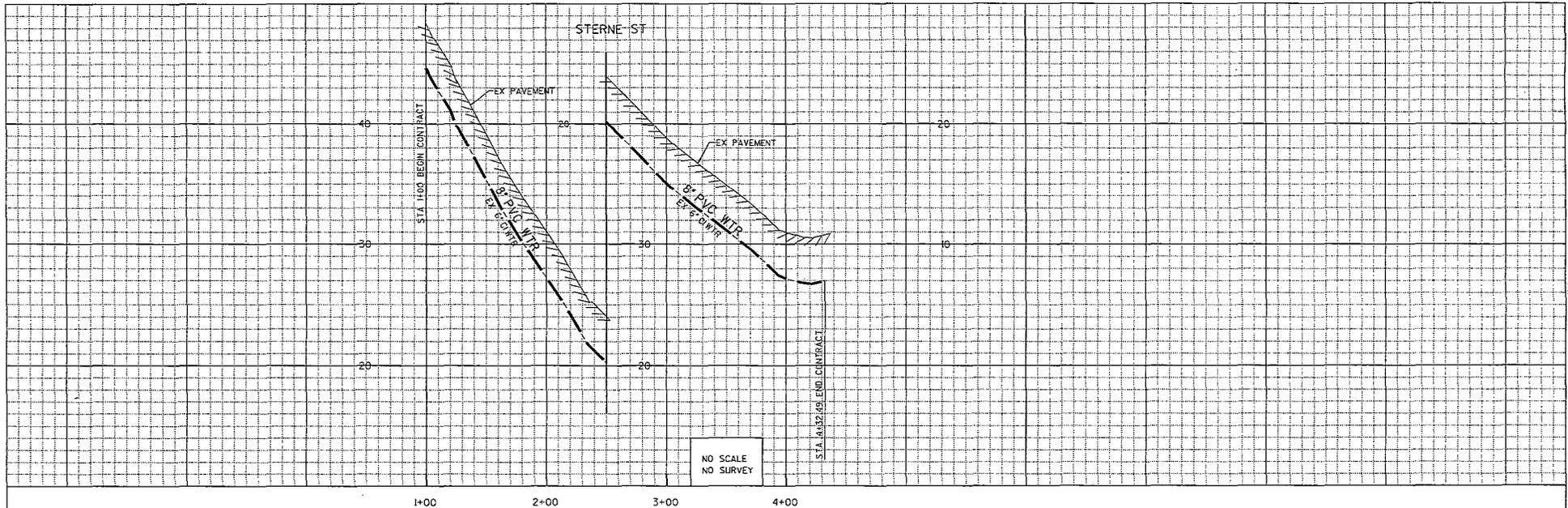
G-3

**PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
KEY MAP**

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 3 OF 20 SHEETS		WATER PH 1	BIS206
DESIGNED BY ALICE ALTES	CHECKED BY CHRISTINA AWAD	DATE 03/03/17	PROJECT NUMBER 39092-03-D
DESCRIPTION ORIGINAL	BY CA/BC	APPROVED DATE FILMED	SEE SHEETS SEE SHEETS COORDINATE



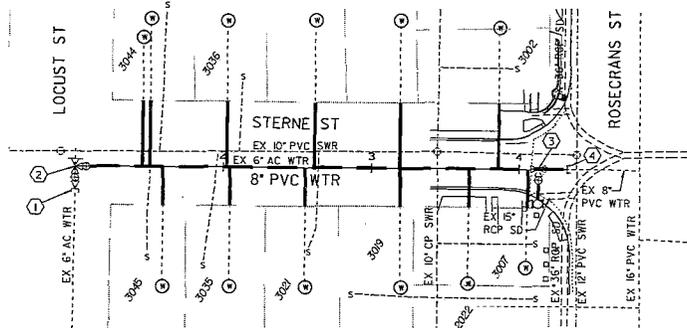
KEY MAP



NO SCALE
NO SURVEY

- ①
BY CITY FORCES
AHD OF CONTRACTOR
STA 1+00, 10' RT
CUT AND PLUG EX 6" AC WTR RT
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED
- ②
BY CONTRACTOR
FURNISH AND INSTALL
STA 1+00
1- 8" TEE
1- 8"x6" RED, RT
1- 8" GV (F, M) AHD
1- 8" GV (F), RT
1- BLIND FLANGE, LT
- ③
BY CONTRACTOR
FURNISH AND INSTALL
STA 4+32.36
1- 8"x6" TEE (M, J, F)
1- 6" FH ASSY & MARKER
- ④
BY CITY FORCES
AHD OF CONTRACTOR
STA 4+32.49
CUT AND PLUG EX 8" PVC WTR
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED

NOTE: CITY FORCES TO HIGHLINE STA 1+00 TO STA 4+33



PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT
WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
INFORMATION IS NOT DRAWN TO SCALE.
UTILITY MARKOUTS DURING CONSTRUCTION WILL
DEFINE REPLACEMENT LOCATION.

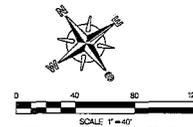
REFERENCE:
WATER: 14433-1-D, 15485-3-D, 15485-2-D, 3963-H-W
1759-W, 27580-4-D
SEWER: 26290-14-D, 27592-26-D
27580-16-D, 3971-3-D
STORM DRAIN: 15875-7-L
GAS:
ELECTRIC: 15720-18820
CABLE TV:
TELEPHONE: BLM1979 & BLM1978, BLM1963
IMPROVEMENTS:
100' SCALE FIELD BOOK: D205
THOMAS BROS.: I288IC
HGL: 559, 390

RETIREMENTS:
6" - AC WTR - 333' - 1957
F SERVICE - UNK - 12' - 1957

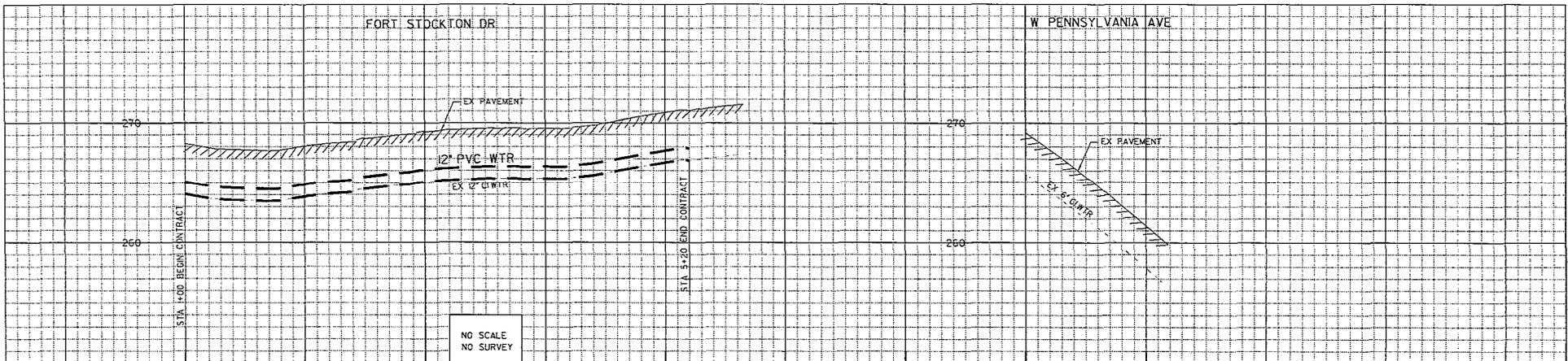
C-3

PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
STERNE ST

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 6 OF 20 SHEETS		WATER PH 1	BH5206
DESIGNED BY ALICE ALTES PROJECT MANAGER		SEWER PH 1	
CHECKED BY ELIP CETIN DATE 03/20/17		PROJECT ENGINEER CHRISTINA AWAD	
DESCRIPTION	BY	APPROVED	DATE FILMED
ORIGINAL	CAJAC		
CONTRACTOR			DATE STARTED
INSPECTOR			DATE COMPLETED
			39092-06-D



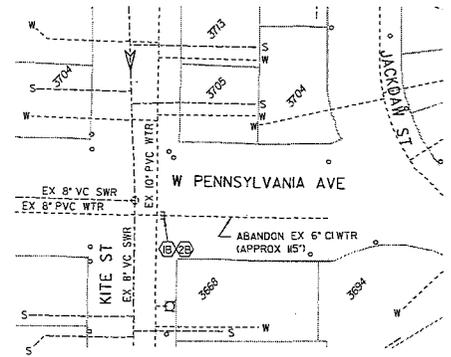
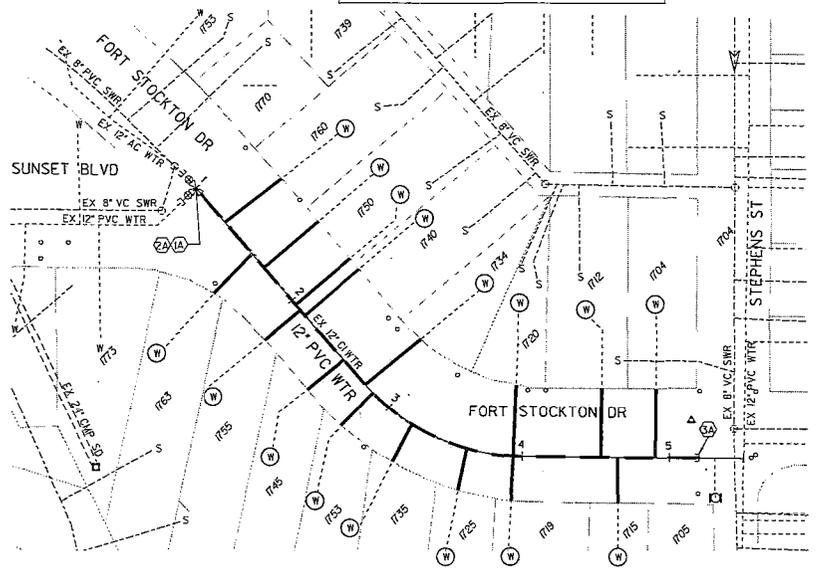
STERNE ST



NO SCALE
NO SURVEY

- (1A) BY CITY FORCES
AND OF CONTRACTOR
STA 1+00.00
CUT AND PLUG EX 12" AC WTR
10" BK AND 12" PVC WTR 10" RT
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.
- (2A) BY CONTRACTOR
FURNISH AND INSTALL
STA 1+00.00
1- 12" X 12" TEE (F)
2- 12" GV (F, M, D)
- (3A) BY CITY FORCES
AND OF CONTRACTOR
STA 5+20.00
CUT AND PLUG EX 12" CI WTR
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.
- (5E) BY CITY FORCES
AND OF CONTRACTOR
ISOLATE STA 1+00 TO STA 2+15
OPEN VALVES AFTER CONTRACTOR
- (2B) BY CONTRACTOR
FURNISH AND INSTALL
STA 1+00.00
1- CUT AND PLUG W/ BLIND FLANGE

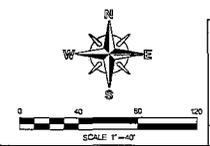
NOTE: CITY FORCES TO HIGHLINE STA 1+00 TO STA 5+20



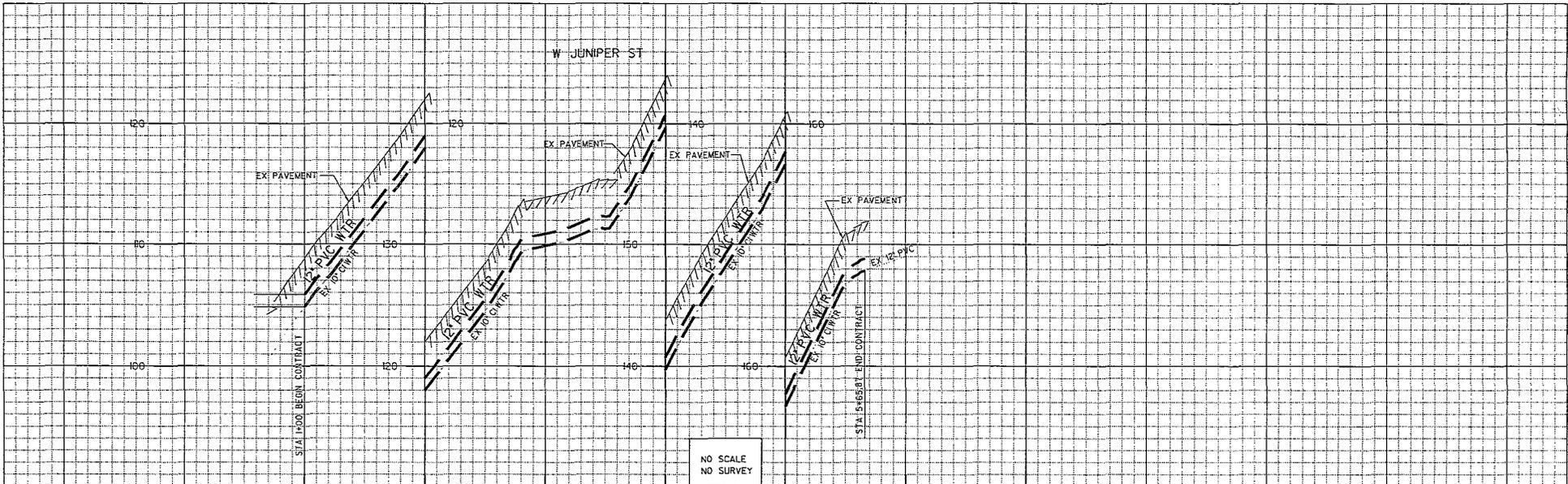
REFERENCE:
 WATER: 35522-8&9-D, 20655-9-D, 28899-19-D, 2571-0-L
 SEWER: 23915-2-D, 13686-5-D, 25858-3-D
 STORM DRAIN:
 CAS: 15855-18885
 ELECTRIC: 15847-18885
 CABLE TV:
 TELEPHONE: BLT1975
IMPROVEMENTS:
 100' SCALE/FIELD BOOK: F19S, F19S
 THOMAS BROS.: 1268 SH, 1268 6J
 HGL: 536, 536

RETIREMENTS:
 12" CI WTR - 432' - 1962 (FORT STOCKTON DR)
 1" SERVICE - 16 - UNK - 1962
 6" CI WTR - 115' - 1928

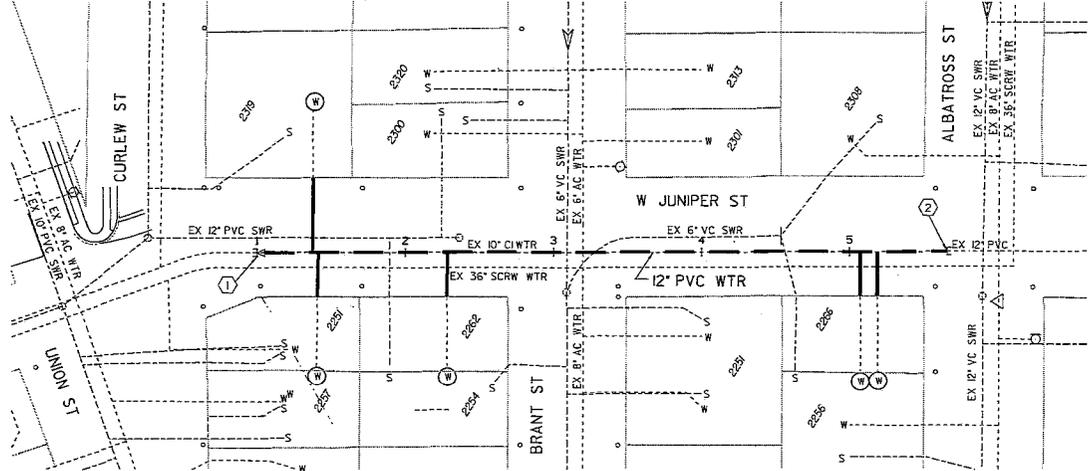
PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT
 WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
 NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
 INFORMATION IS NOT DRAWN TO SCALE.
 UTILITY MARKOUTS DURING CONSTRUCTION WILL
 DEFINE REPLACEMENT LOCATION.



PLANS FOR THE CONSTRUCTION OF REMAINING SMALL DIAMETER CI WATER PH 1 FORT STOCKTON RD, W PENNSYLVANIA AVE			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 7 OF 20 SHEETS		WATER PH 1 SEWER PH 1 BIS206	
DESIGNED BY ELP CETIN	DATE 3/16/17	CHECKED BY ALICE ALTES	PROJECT NO. 080880
DESCRIPTION ORIGINAL	BY CAL/JC	DATE 1/22	FILED PROJECT ENGINEER
		212-1713 CISST COORDINATOR	
		1852444-6274407 ISSUE TRACKING	
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED	
		39092-07-D	



NOTE: CITY FORCES TO HIGHLINE STA 1+00 TO STA 5+66

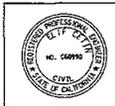
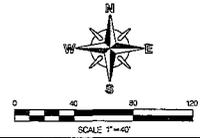


- ①
BY CITY FORCES
AHD OF CONTRACTOR
STA 1+00
CUT AND PLUG EX 10" CI WTR
RECONNECT NEW 12" PVC TO EX 10" CI WTR
WITH 12" x 10" RED AFTER NEW MAIN
HAS BEEN ACCEPTED.
- ②
BY CITY FORCES
AHD OF CONTRACTOR
STA 5+65.87
CUT AND PLUG
EX 12" PVC WTR AHD
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.

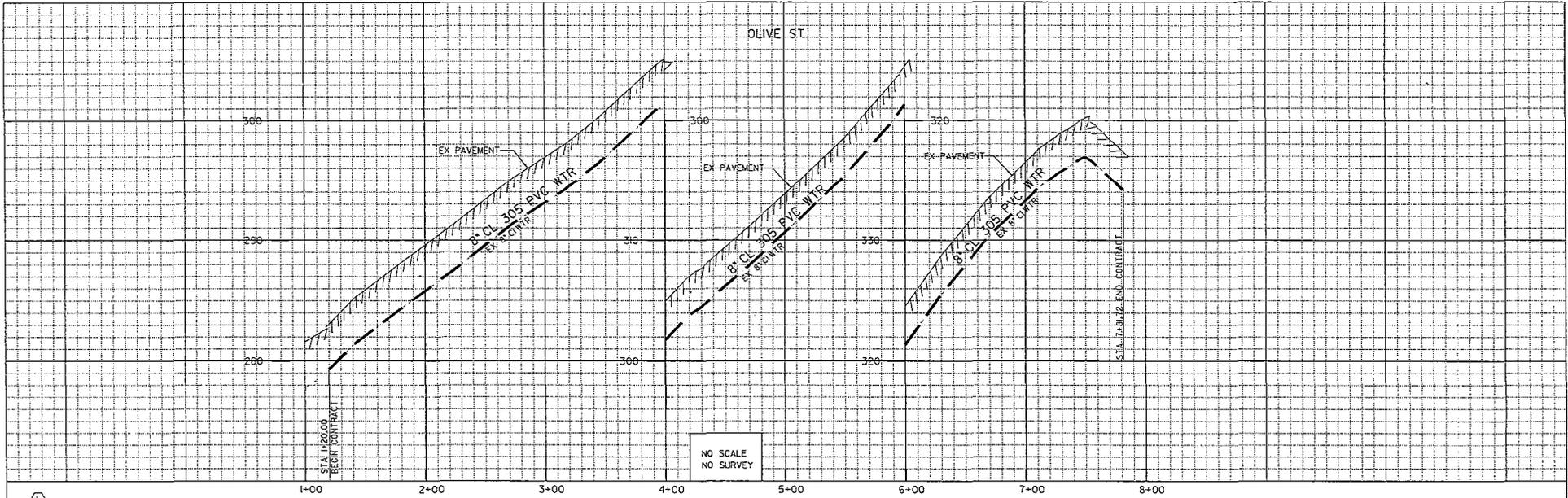
REFERENCE:
WATER: 18044-2-D, 15529-18-D, 20548-3-D, 19702-4-D
SEWER: 31095-7-D, 34329-6-D
STORM DRAIN: 31095-7-D, 34329-6-D
GAS:
ELECTRIC: 15885-18805
CABLE TV:
TELEPHONE: BLX1978
IMPROVEMENTS:
100' SCALE/FIELD BOOK: F215
THOMAS BROS.: 1289 1A
HGL: 590

RETIREMENTS:
10" - CI WATER - 466' - 1905
1" SERVICE - 5 - UNK - 1905

PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT
WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
INFORMATION IS NOT DRAWN TO SCALE.
UTILITY MARKOUTS DURING CONSTRUCTION WILL
DEFINE REPLACEMENT LOCATION.



CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 8 OF 20 SHEETS				WATER MSB: B15206
PROJECT NO. 184444-6277407 FOR CONSTRUCTION SHEET NO. 8 DATE: 03/20/20				DESIGNED BY: ALICE ALTES
DESCRIPTION: REMAINING SMALL DIAMETER CI WATER PH 1 W JUNIPER RD				DRAWN BY: CHRISTINA AWAD
DATE: 03/20/20	BY: [Signature]	APPROVED: [Signature]	DATE FILMED:	PROJECT LOCATION: 204-1716
CONTRACTOR: [Blank]				CITY OF SAN DIEGO
DATE STARTED: [Blank]				184444-6277407
DATE COMPLETED: [Blank]				39092-08-D



NO SCALE
NO SURVEY

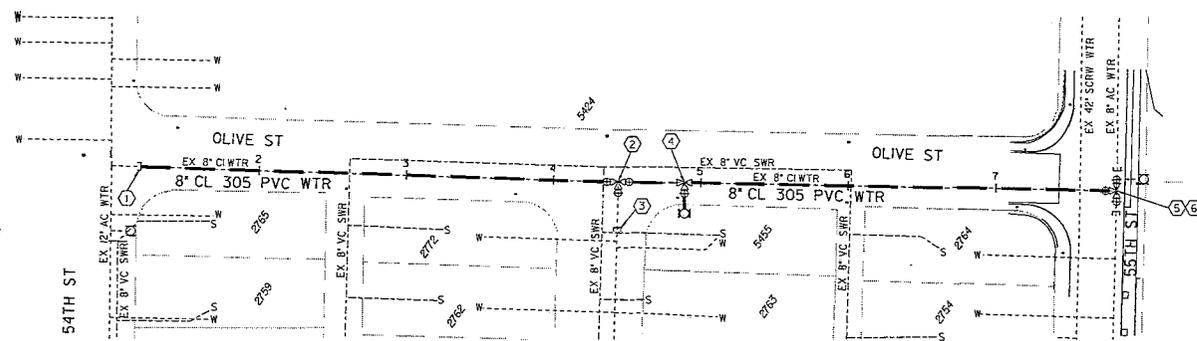
①
BY CITY FORCES
AND OF CONTRACTOR
STA 1+20.00
CUT AND PLUG EX 8" CI WTR
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.

②
BY CONTRACTOR
FURNISH AND INSTALL
STA 4+43.68
1 - 8" TEE (F)
3 - 8" GV (F, M, J)

③
BY CITY FORCES
AND OF CONTRACTOR
STA 4+43.68
CUT AND PLUG EX 8" PVC WTR RT
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.

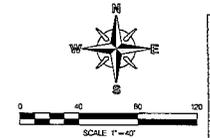
④
BY CONTRACTOR
FURNISH AND INSTALL
STA 4+88.69
1 - 8" X 6" TEE (M, J, F)
1 - 6" FH ASSY AND MARKER

⑤
BY CITY FORCES
AND OF CONTRACTOR
STA 7+81.72
CUT AND PLUG EX 8" AC WTR, LT
AND EX 8" PVC WTR, RT
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED.



⑥
BY CONTRACTOR
FURNISH AND INSTALL
STA 7+81.72
1 - 8" TEE (F)
3 - 8" GV (F, M, J)

PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT
WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
INFORMATION IS NOT DRAWN TO SCALE.
UTILITY MARKOUTS DURING CONSTRUCTION WILL
DEFINE REPLACEMENT LOCATION.



REFERENCE:
WATER: 1027-L, 10722-L, 36755-2-D, 36755-3-D
SEWER: 10721-0-L, 10722-0-L
STORM DRAIN
GAS: 1655-18025, 16162-18825
ELECTRIC: 16165-
CABLE TV:
TELEPHONE: BLW2003 & BLW2002
IMPROVEMENTS:
100' SCALE/FIELD BOOK: K205
THOMAS BROS.: 1270 7B
HGL: 536

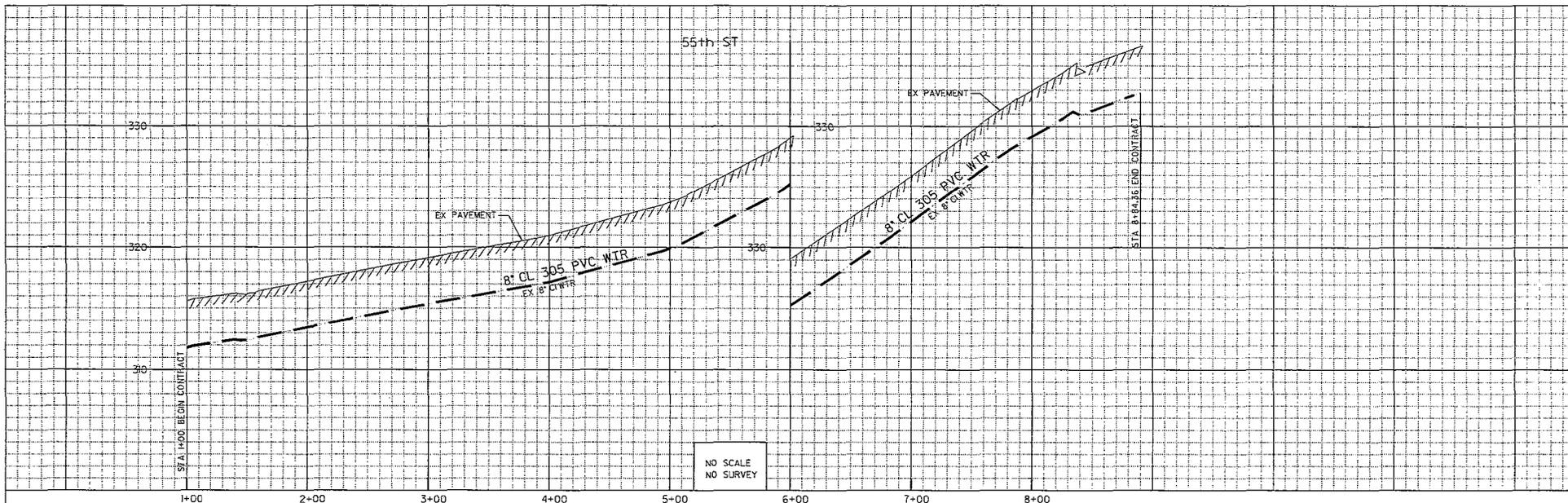
RETIREMENTS:
8" - CI WATER - 662' - 1954
FH (2-PORT) - 1 - 1954

PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
OLIVE ST

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 9 OF 20 SHEETS		WATER NO. B15206
DATE: 3/18/17	BY: [Signature]	PROJECT MANAGER: ALICE ALTES
PROJECT NO. 17-00000	DATE: 03/20/17	PROJECT ENGINEER: CHRISTINA AWAD
DESCRIPTION: ORIGINAL	BY: CA/JDC	206-1743
CONTRACTOR: [Signature]		1846444-6304407
DATE STARTED: [Blank]		39092-09-D
DATE COMPLETED: [Blank]		

OLIVE ST

C-6

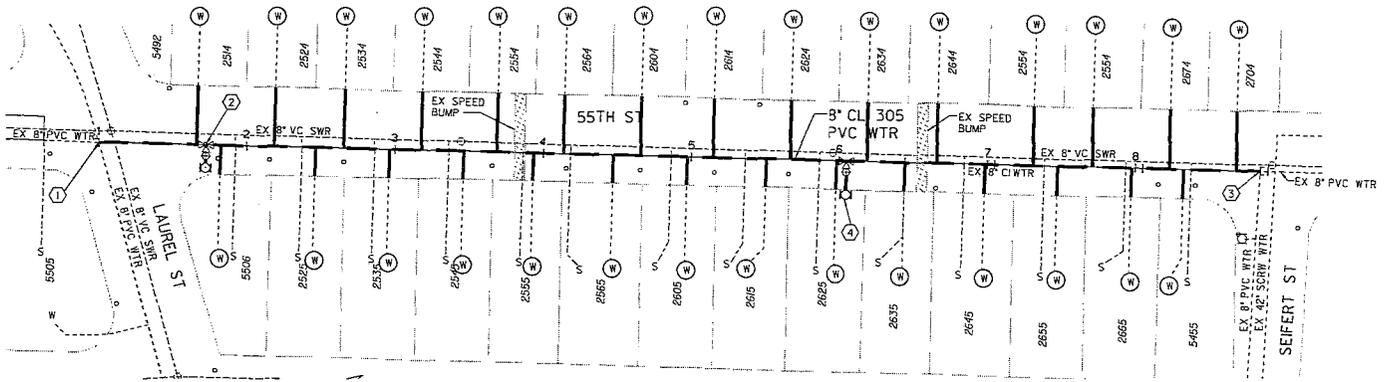


NO SCALE
NO SURVEY

NOTE: CITY FORCES TO HIGHLINE STA 1+00 TO STA 8+85

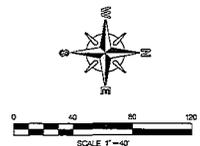
REFERENCE:
 WATER: 10271-L, 10722-L, 36755-2-D, 36755-3-D
 SEWER: 10721-D-L, 10722-D-L
 STORM DRAIN:
 GAS: 16162-18820, 16162-18830, 16162-18885
 ELECTRIC: 16162-1820, 16162-18625, 16161-1815
 CABLE TV:
 TELEPHONE: BLW2003 & BLX2003
 IMPROVEMENTS:
 100' SCALE FIELD BOOK: K20S
 THOMAS BROS.: I270 7B
 HGL: 556

RETIREMENTS:
 8" - CI WATER - 760' - 1954
 1" SERVICE - 29 - LINK - 1954



- ① BY CITY FORCES AND OF CONTRACTOR
STA 1+00.00
CUT AND PLUG EX 8" CI WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 1+72.51
1- 8" X 6" TEE (M.L.M.F.)
1- 6" FH ASSY AND MARKER
- ③ BY CITY FORCES AND OF CONTRACTOR
STA 8+84.36
CUT AND PLUG EX 8" CI WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA 6+05.00
1- 8" X 6" TEE (M.L.M.F.)
1- 6" FH ASSY AND MARKER

PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
 NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
 INFORMATION IS NOT DRAWN TO SCALE.
 UTILITY MARKOUTS DURING CONSTRUCTION WILL DEFINE REPLACEMENT LOCATION.

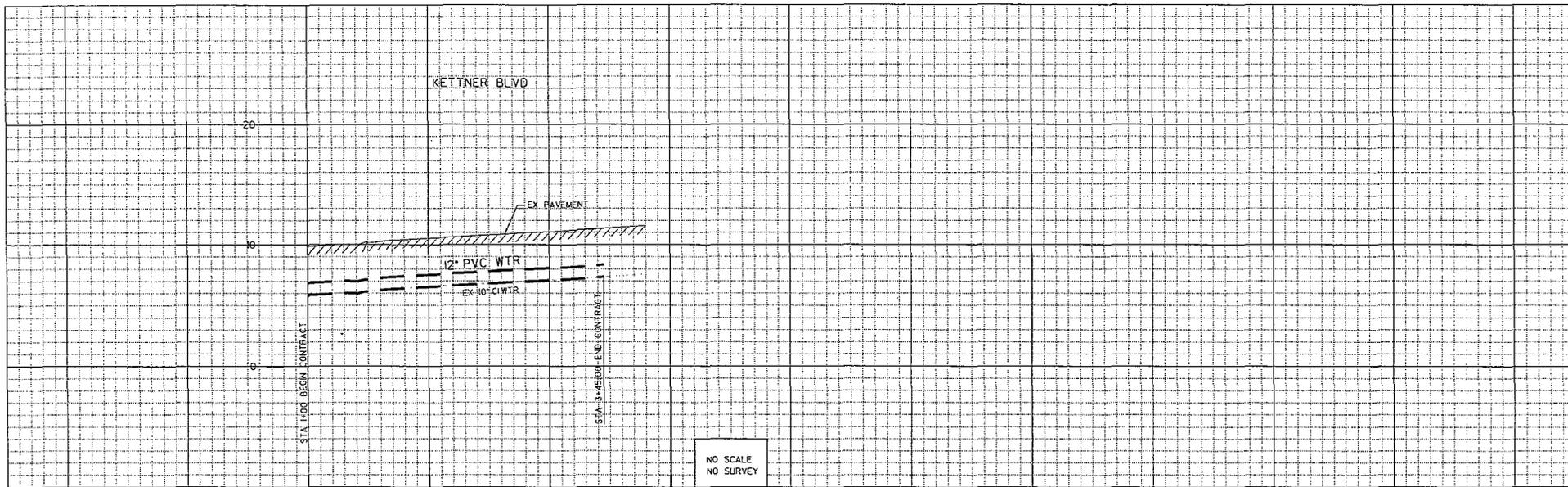


PLANS FOR THE CONSTRUCTION OF
 REMAINING SMALL DIAMETER
 CI WATER PH 1
 55th ST

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 10 OF 20 SHEETS		WATER PH 1 SEWER PH 1
PROJECT NO. 1517	DATE 02/18/17	DESIGNED BY ALICE ALTES
PROJECT ENGINEER CHRISTINA AWAD	DATE 06/09/20	PROJECT ENGINEER ALICE ALTES
DESCRIPTION ORIGINAL	BY CA/MJC	DATE 2016-17-43
CONTRACTOR		DATE STARTED
INSPECTOR		DATE COMPLETED
		1846444-6304407
		39092-10-D

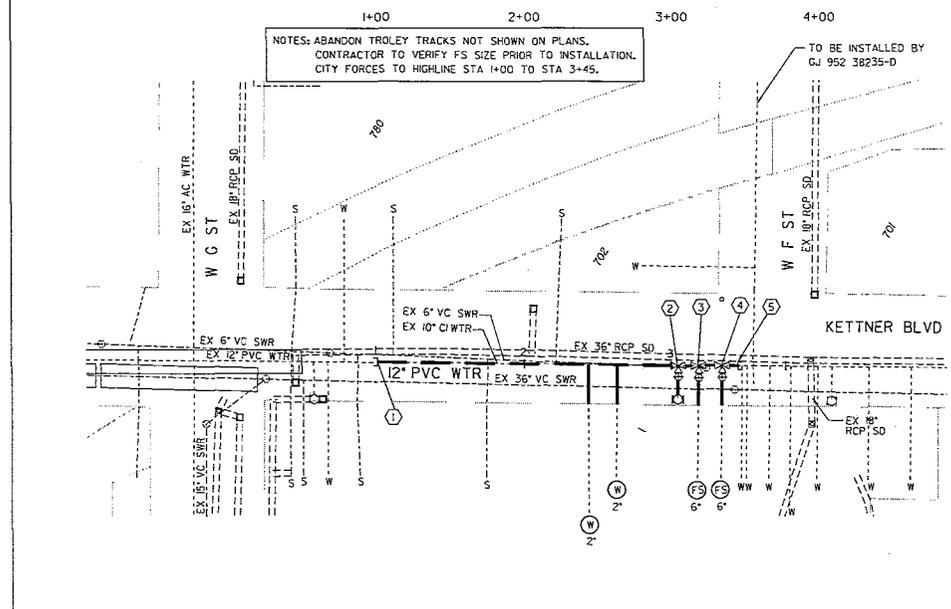
55th ST

C-7



NO SCALE
NO SURVEY

NOTES: ABANDON TROLEY TRACKS NOT SHOWN ON PLANS.
CONTRACTOR TO VERIFY FS SIZE PRIOR TO INSTALLATION.
CITY FORCES TO HIGHLINE STA 1+00 TO STA 3+45.

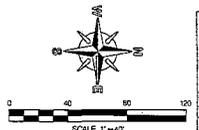


- ① BY CITY FORCES AND OF CONTRACTOR
STA 1+00.00
CUT AND PLUG EX 10" CI WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 3+04.44
1- 12" X 6" TEE (M.J. M.J. F)
1- 6" FH ASSY AND MARKER (3 PORT)
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 3+18.17
1- 12" X 6" TEE (M.J. M.J. F)
1- 6" FS ASSY
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA 3+29.87
1- 12" X 6" TEE (M.J. M.J. F)
1- 6" FS ASSY
- ⑤ BY CITY FORCES AND OF CONTRACTOR
STA 3+45.00
CUT AND PLUG EX 10" CI WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED.

REFERENCE:
WATER: H835-2-D, 30004-23-D, 38235-17-D
SEWER: H534-5-D, H554-5-D
STORM DRAIN: I5865-10-D
GAS: I5877-88745, I5877-88750
ELECTRIC
CABLE TV:
TELEPHONE: BMA1978
IMPROVEMENTS:
100' SCALE/FIELD BOOK: F225
THOMAS BROS.: I288 3J
HGL: Z31

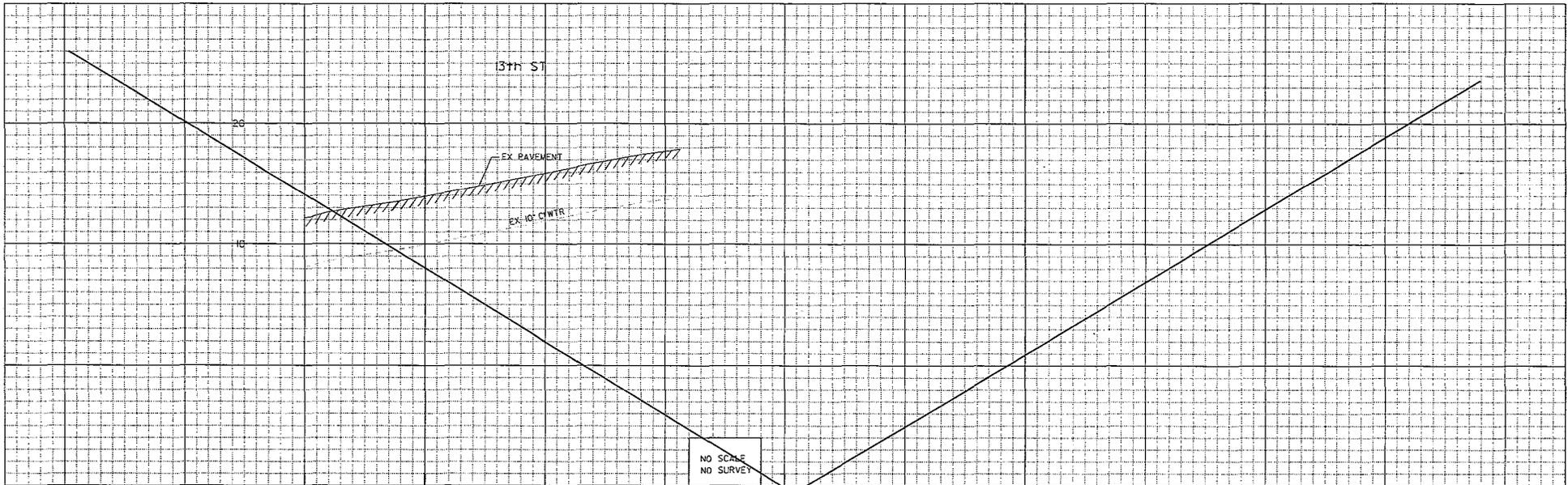
RETIREMENTS:
10" - CI WATER - 245' - UNK
FH (3-PORT) - 1
2" SERVICE - 2 - UNK - UNK
6" FIRE SERVICE - 1 - UNK - UNK

PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
INFORMATION IS NOT DRAWN TO SCALE.
UTILITY MARKOUTS DURING CONSTRUCTION WILL DEFINE REPLACEMENT LOCATION.



PLANS FOR THE CONSTRUCTION OF REMAINING SMALL DIAMETER CI WATER PH 1 KETTNER BLVD

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 11 OF 20 SHEETS		WATER PH 1 SEWER PH 1 BIS206
DESIGNED BY ELIF CETIN	DATE 3/16/17	CHECKED BY ALICE ALTES
FOR APPROVAL ELIF CETIN	DATE 3/16/17	PROJECT ENGINEER CHRISTINA AWAD
DESCRIPTION ORIGINAL	BY C.A.C.	DATE 1/8-17
APPROVED [Signature]	DATE 1/8-17	PROJECT ENGINEER CHRISTINA AWAD
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
		1838444-6277407 39092-11-D



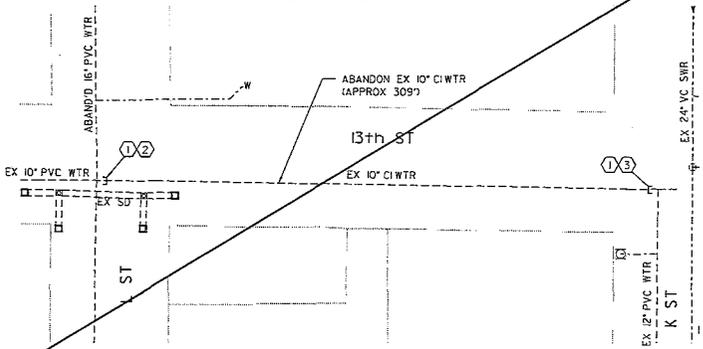
NO SCALE
NO SURVEY

NOTE: CONTRACTOR TO POTHOLE AND VERIFY IF MAIN IS ALREADY ABANDONED.

REFERENCE:
 WATER: 9-0-L, 24602-12-D, 31485-7-D
 SEWER:
 STORM DRAIN: 3622-D, 3623-D
 GAS: 15930-18725, 15930-18730
 ELECTRIC: 15930-18730
 CABLE TV:
 TELEPHONE: 6M91982
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: G225, G235
 THOMAS BROS.: 1289 45
 HGL: 231

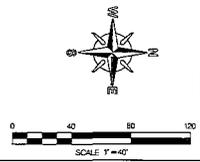
RETIREMENTS:
 10" - CI WATER - 309' - 1958

- ① BY CITY FORCES
AHD OF CONTRACTOR
ISOLATE PIPE
OPEN VALVES AFTER CONTRACTOR
- ② BY CONTRACTOR
FURNISH AND INSTALL
STA 1+00
CUT AND PLUG EX 10" CI WTR
- ③ BY CONTRACTOR
FURNISH AND INSTALL
STA 4+09
CUT AND PLUG EX 10" CI WTR
1" BLIND FLANGE 10N EX 12" TEE



NOT IN CONTRACT

PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
 NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
 INFORMATION IS NOT DRAWN TO SCALE.
 UTILITY MARKOUTS DURING CONSTRUCTION WILL DEFINE REPLACEMENT LOCATION.

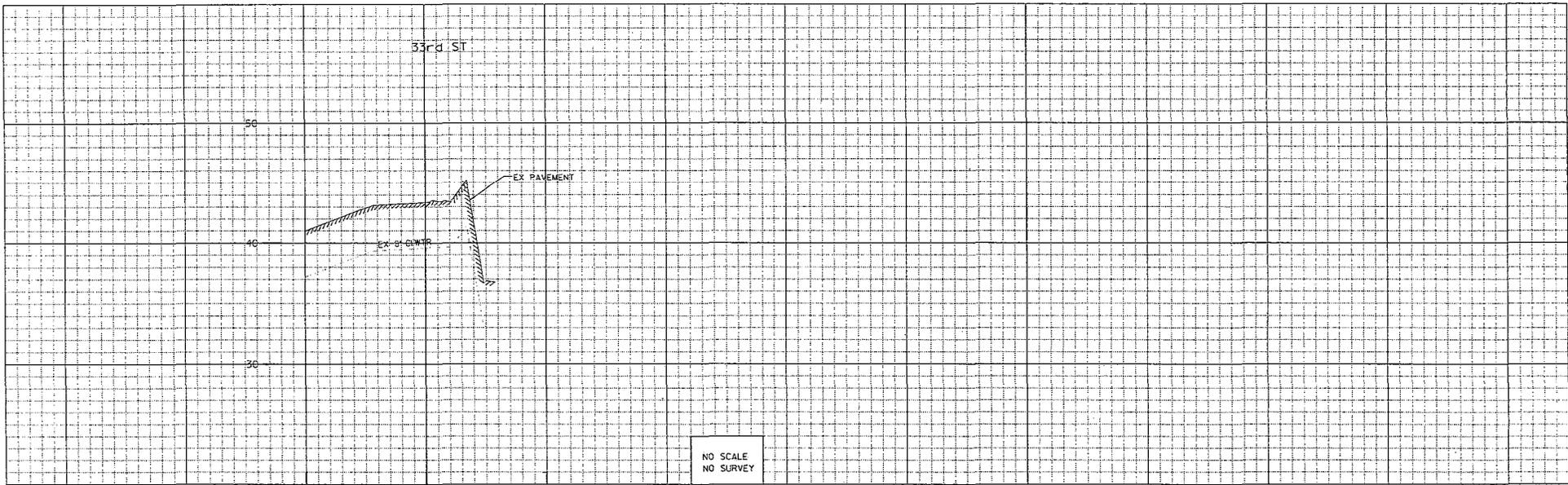


C-9

**PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
13th ST**

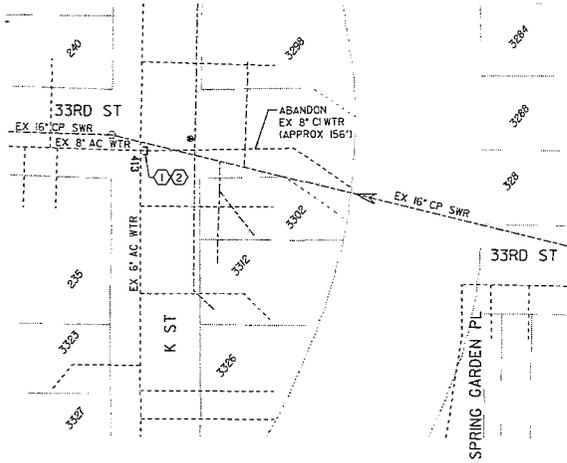
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 12 OF 20 SHEETS		WATER MS: B15206 SEWER MS:
DESIGNED BY ALICE ALTES 3/18/17	DATE	PROJECT NUMBER 198-1722
FOR APPROVAL ELIF CETIN 03/28/17	DATE	PROJECT ENGINEER CHRISTINA AWAD
DESCRIPTION ORIGINAL	BY C.A.A.C.	DATE 02/27/2017
APPROVED ALICE ALTES	DATE 3/18/17	PROJECT NUMBER 198-1722
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
		39092-12-D

13th ST



NO SCALE
NO SURVEY

- ① BY CITY FORCES
AND OF CONTRACTOR
ISOLATE PIPE
OPEN VALVES AFTER CONTRACTOR
- ② BY CONTRACTOR
FURNISH AND INSTALL
CUT AND PLUG:
EX 8" CI WTR



PROPOSED WATER MAIN REPLACEMENT ON THIS PROJECT
WILL REPLACE-IN-PLACE THE EXISTING WATER MAIN.
NO SURVEY WAS USED TO CONSTRUCT THESE DRAWINGS.
INFORMATION IS NOT DRAWN TO SCALE.
UTILITY MARKOUTS DURING CONSTRUCTION WILL
DEFINE REPLACEMENT LOCATION.

REFERENCE:
WATER: 2198-19-D, 10579-L, 2198-0-D,
1015-L, 14405-L, 14406-L, 32834-28-D, 36347-15-D
SEWER: 32711-16-D, 32834-18-D, 32834-19-D
STORM DRAIN:
GAS:
ELECTRIC:
CABLE TV:
TELEPHONE: BMB1990 & BMB1991
IMPROVEMENTS:
100' SCALE/FIELD BOOK: I225
THOMAS BROS.: I289 4F
HGL: 350

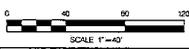
RETIREMENTS:
8" - CI WATER - 156" - 1954

C-10

PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
33rd ST

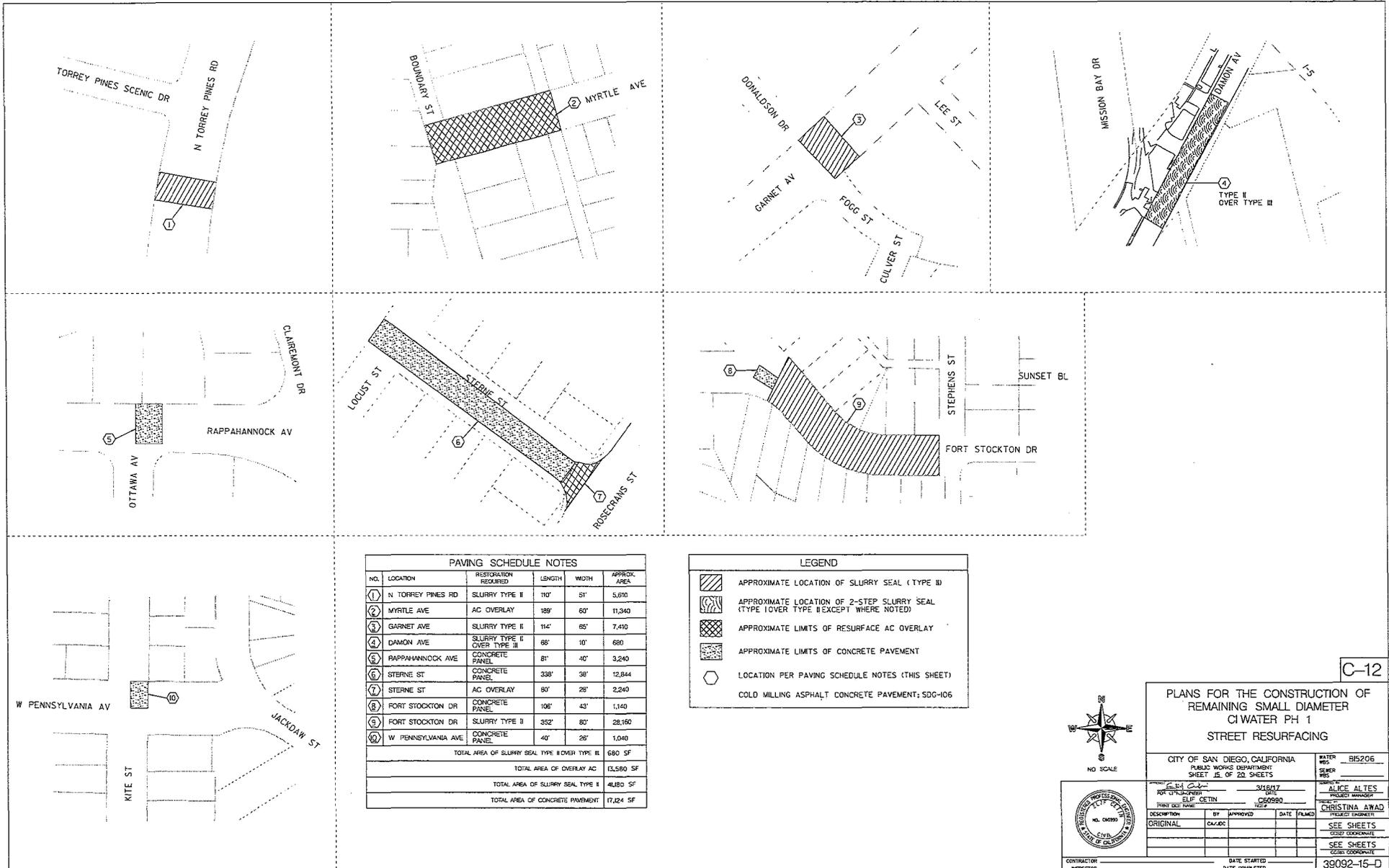
CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 13 OF 20 SHEETS

WATER PH 1
SEWER PH 1
BIS206



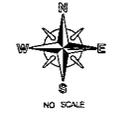
DESIGNER	DATE	APPROVED	DATE	FILED
ORIGINAL		CAJ/CC		
PROJECT ENGINEER: CHRISTINA AWAD PROJECT NO: 1538-44-0292-407 1538-44-0292-407 1538-44-0292-407				
CONTRACTOR		DATE STARTED		39092-13-D
INSPECTOR		DATE COMPLETED		

33rd ST



PAVING SCHEDULE NOTES					
NO.	LOCATION	RESTORATION REQUIRED	LENGTH	WIDTH	APPROX. AREA
①	N TORREY PINES RD	SLURRY TYPE II	110'	51'	5,610
②	MYRTLE AVE	AC OVERLAY	189'	60'	11,340
③	GARNET AVE	SLURRY TYPE II	114'	65'	7,410
④	DAMON AVE	SLURRY TYPE II OVER TYPE III	88'	10'	680
⑤	RAPPAHANNOCK AVE	CONCRETE PANEL	81'	40'	3,240
⑥	STERNE ST	CONCRETE PANEL	338'	36'	12,844
⑦	STERNE ST	AC OVERLAY	80'	28'	2,240
⑧	FORT STOCKTON DR	CONCRETE PANEL	108'	43'	1,140
⑨	FORT STOCKTON DR	SLURRY TYPE II	352'	80'	28,160
⑩	W PENNSYLVANIA AVE	CONCRETE PANEL	40'	26'	1,040
			TOTAL AREA OF SLURRY SEAL TYPE II OVER TYPE III		580 SF
			TOTAL AREA OF OVERLAY AC		13,580 SF
			TOTAL AREA OF SLURRY SEAL TYPE II		41,830 SF
			TOTAL AREA OF CONCRETE PAVEMENT		17,224 SF

LEGEND	
	APPROXIMATE LOCATION OF SLURRY SEAL (TYPE II)
	APPROXIMATE LOCATION OF 2-STEP SLURRY SEAL (TYPE I OVER TYPE II EXCEPT WHERE NOTED)
	APPROXIMATE LIMITS OF RESURFACE AC OVERLAY
	APPROXIMATE LIMITS OF CONCRETE PAVEMENT
	LOCATION PER PAVING SCHEDULE NOTES (THIS SHEET)
	COLD MILLING ASPHALT CONCRETE PAVEMENT; SDG-105

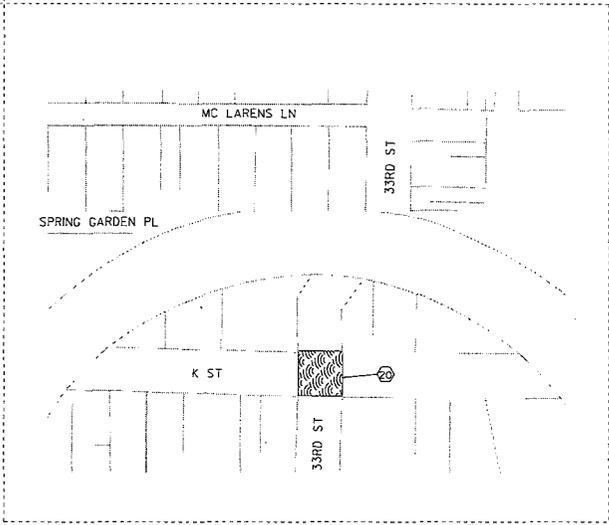
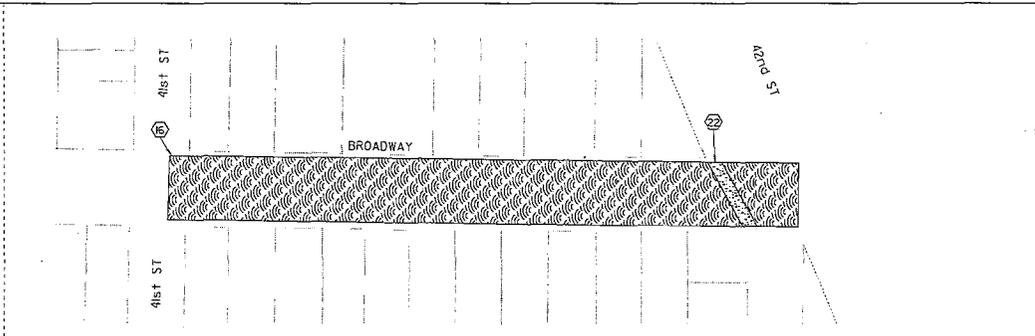
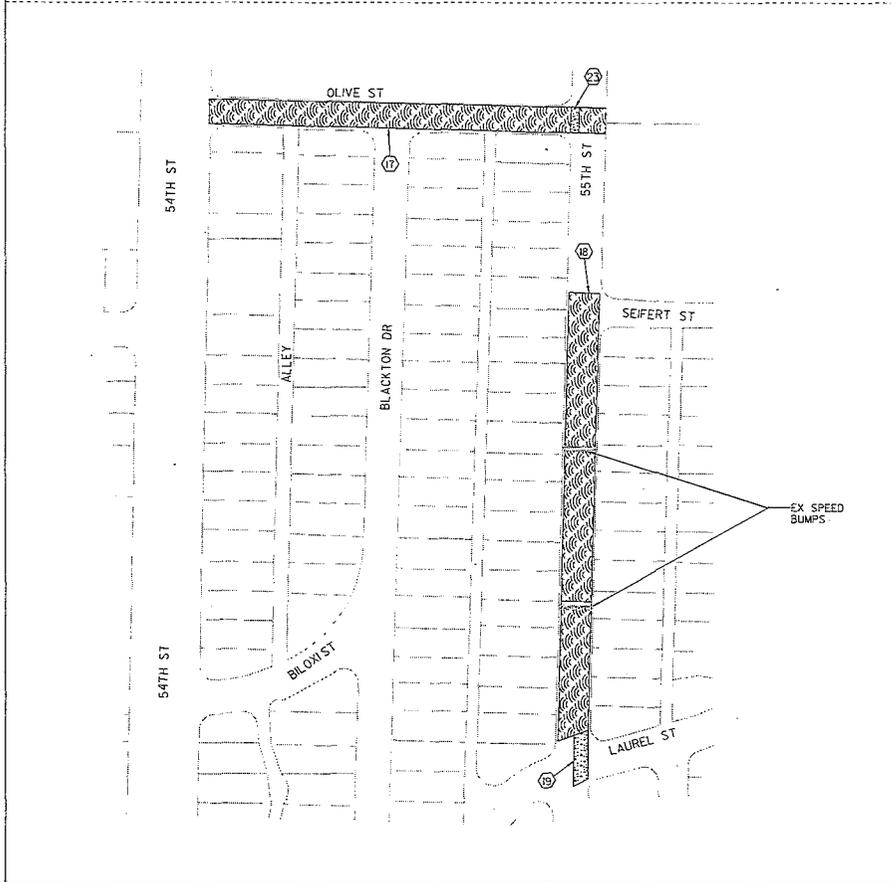
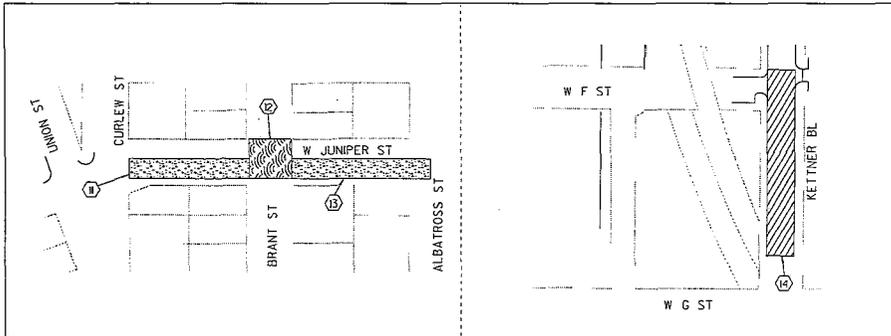


C-12

**PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
STREET RESURFACING**

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 15 OF 20 SHEETS		WATER NO. B15206 SEWER NO.
DESIGNED BY G. H. GUNDEL	CHECKED BY G. H. GUNDEL	DATE 05/05/00
PROJECT ENGINEER CHRISTINA AWAD	PROJECT ENGINEER CHRISTINA AWAD	
CONTRACTOR PEPPER	DATE STARTED	DATE COMPLETED

39092-15-D



PAVING SCHEDULE NOTES					
NO.	LOCATION	RESTORATION REQUIRED	LENGTH	WIDTH	APPROX AREA
11	W JUNIPER ST	CONCRETE PANEL	208'	35'	7,315
12	W JUNIPER ST	SLURRY TYPE I OVER TYPE II	73'	70'	5,110
13	W JUNIPER ST	CONCRETE PANEL	240'	35'	8,400
14	KETTNER BLVD	SLURRY TYPE II	126'	19'	2,368
15	NOT USED	-	-	-	-
16	BROADWAY AVE	SLURRY TYPE I OVER TYPE II	671'	68'	44,354
17	OLIVE ST	SLURRY TYPE I OVER TYPE II	894'	43'	29,498
18	55th ST	SLURRY TYPE I OVER TYPE II	753'	53'	39,909
19	55th ST	CONCRETE PANEL	85'	29'	2,465
20	33rd ST	SLURRY TYPE I OVER TYPE II	61'	60'	3,660
21	NOT USED	-	-	-	-
22	BROADWAY AVE	CONCRETE CROSS GUTTER	14'	91'	1,274
23	OLIVE ST	CONCRETE CROSS GUTTER	8'	43'	344
TOTAL AREA OF SLURRY SEAL TYPE I OVER TYPE II					122,531 SF
TOTAL AREA OF SLURRY SEAL TYPE II					2,268 SF
TOTAL AREA OF CONCRETE PAVEMENT					18,880 SF
TOTAL AREA OF CONCRETE PAVEMENT					1,618 SF

LEGEND

- APPROXIMATE LOCATION OF SLURRY SEAL (TYPE II)
- APPROXIMATE LOCATION OF 2-STEP SLURRY SEAL
- APPROXIMATE LIMITS OF RESURFACE AC OVERLAY
- APPROXIMATE LIMITS OF CONCRETE PAVEMENT
- LOCATION PER PAVING SCHEDULE NOTES (THIS SHEET)
- COLD MILLING ASPHALT CONCRETE PAVEMENT; SDG-106



C-13

PLANS FOR THE CONSTRUCTION OF REMAINING SMALL DIAMETER CI WATER PH 1 STREET RESURFACING

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 16 OF 20 SHEETS

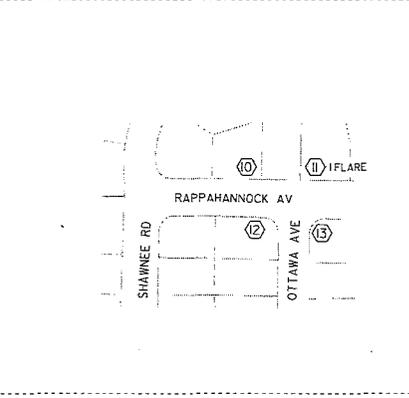
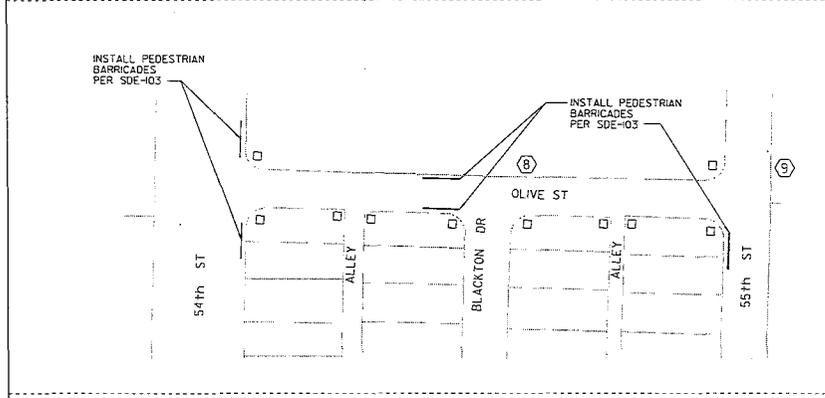
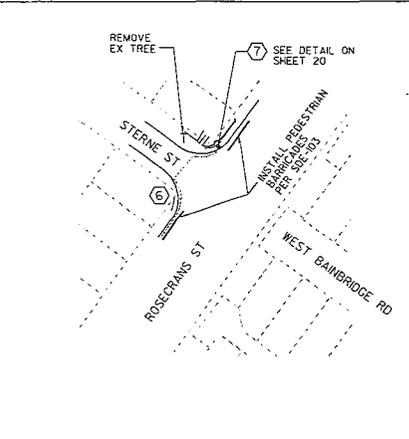
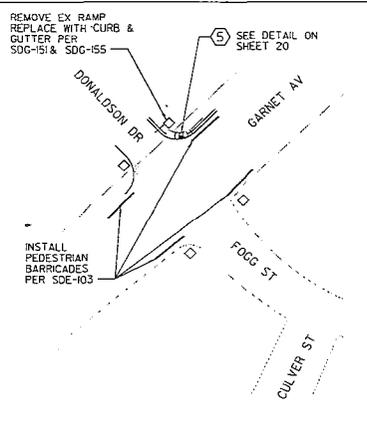
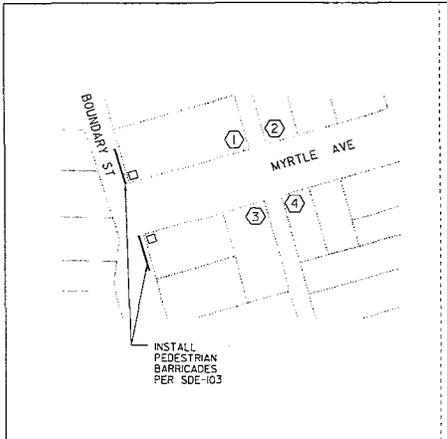
PROJECT NO.	39092	DATE	02/07/17
PROJECT NAME	SLURRY SEAL	DATE	02/07/17
DESCRIPTION	CONCRETE	DATE	02/07/17
ORIGINAL	BY	APPROVED	DATE

WATER PH 1 B15206
SEWER PH 1

PROJECT MANAGER: ALICE ALTES
PROJECT ENGINEER: CHRISTINA AWAD
PROJECT COORDINATOR: [Name]

CONTRACTOR INSPECTOR: [Name] DATE STARTED: [Date] DATE COMPLETED: [Date]

39092-16-D



CURB RAMP NOTES TABLE									
LOCATION (6)	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMPS	DETECTABLE WARNING TILES		CONSTRAINTS	COMMENTS / MODIFICATIONS	
					* STAINLESS STEEL	* OTHER			
1	D	X							
2	D	X							
3	D	X							
4	D	X							
5	A	X			I			HISTORIC MAP "MM 2-50"	
6	CI		X						
7	CI		X						
8	B	X							
9	B	X							
10	B	X							
11	B	X							
12	A	X			2			HISTORIC MAP "1953 ON BOTH SIDES OF SIDEWALK"	
13	A	X			2			HISTORIC MAP "1953 ON BOTH SIDES OF SIDEWALK"	

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

GENERAL CURB RAMP NOTES

- A. CONTRACTOR MAY USE NON STAINLESS STEEL MATERIAL PER CITY'S AML IF THE DWT HAS TO BE TRIMMED TO CONFORM TO THE CURB RAMP CONFIGURATION.
- B. THE DESIGN OF THE CURB RAMP SHALL NOT EFFECT THE DRAINAGE PATTERN OF THE STREET.
- C. CONTRACTOR TO REPLACE LIFTED, DAMAGE OR MISSING SIDEWALK PANELS WITHIN THE ENTIRE CURB RETURN AND ALONG THE IMMEDIATE SIDEWALK AREAS LEADING TO THE CURB RETURN.
- D. CONTRACTOR TO NOTIFY THE RESIDENT ENGINEER OF ANY OTHER DAMAGE AND LIFTED SIDEWALK PANELS THAT ARE OUTSIDE THE SCOPE OF WORK BUT WITHIN THE PROJECT AREA AND LEADING TO THE CORNERS THAT WILL BE IMPROVED BY THE PROJECT. RESIDENT ENGINEER SHALL CONTACT THE CITY'S STREET DIVISION TO REQUEST FOR AN IMMEDIATE REPAIR OF THE DAMAGE AND/OR LIFTED SIDEWALK PANELS.
- E. COUNTER SLOPES (CURB RAMP SLOPE PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13% WITH THE EXCEPTION OF A TYPE C2 AND CI. ADJUST THE SLOPE OF THE MAIN RAMP AND/OR STREET IF THE COUNTER SLOPE EXCEED 5.0%.
- F. CONTRACTOR TO PROTECT ANY EXISTING WALLS BEHIND THE SIDEWALK DURING DEMOLITION AND CONSTRUCTIONS.
- G. CONTRACTORS TO ENSURE THERE ARE SIGNS ON BOTH SIDES OF THE STANDARD PEDESTRIAN BARRICADE AND THAT THE ARROWS ON THE SIGNS POINT TO THE NEAREST CROSSING AREA.
- H. PROVIDE A RETAINING CURB BEHIND THE CURB RAMP IF THE ADJACENT GRADE IS HIGHER OR LOWER THAN THE SIDEWALK OR CURB RAMP LANDING SURFACE. THE HEIGHT OF THE RETAINING CURB SHALL BE 2" HIGHER THAN THE ADJACENT GRADE. IF THE GRADE IS LOWER, A 6" HIGH CONCRETE CURB SHALL BE USED. IF THE GRADE IS LOWER THAN 24", A PROTECTIVE RAILING SHALL BE PROVIDED.

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

EXISTING RAMPS AND PROPOSED RAMPS BY OTHERS					
SHEET NO.	LOCATION/STREET NAME	INTERSECTING STREET	EX RAMPS WITH DWT	RAMP INSTALLATION BY OTHERS	COMMENTS
C-4	FORT STOCKTON DR	SUNSET BLVD	2	4	RAMPS BY MISSION HILLS HISTORIC ST LIGHTING PROJECT (S8008)
C-4	FORT STOCKTON DR	STEPHENS ST	4	-	
C-4	W. PENNSYLVANIA AVE	KITE ST	4	-	
C-5	W. JUNIPER STREET	UNION ST/CURLEW ST	4	1	RAMPS AND PIPING BY REMAINING CI PHASE 2 (B-16023)
C-5	W. JUNIPER STREET	BRANT ST	4	-	
C-5	W. JUNIPER STREET	ALBATROSS ST	4	-	
C-7	55th STREET	SEIFERT ST	3	-	
C-7	55th STREET	LAUREL ST	4	-	
C-8	KETTNER BLVD	F ST	-	3	RAMPS AND PIPING BY WC952 (B-10481)
C-10	33rd STREET	K ST	3	-	
C-11	BROADWAY	41st ST	3	-	

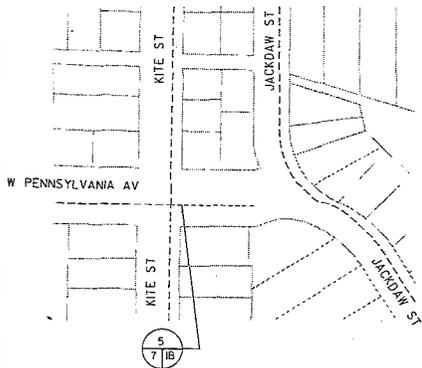
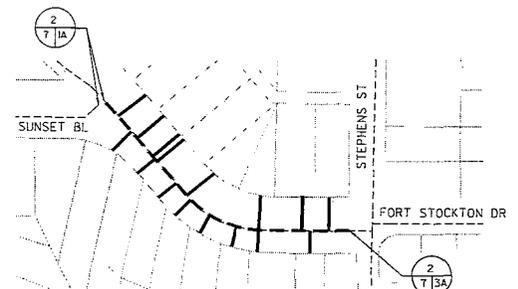
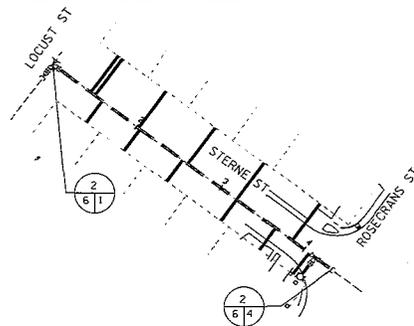
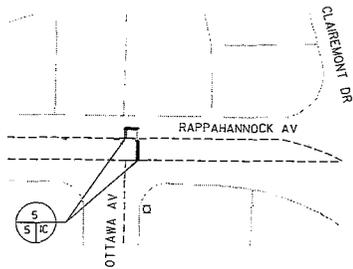
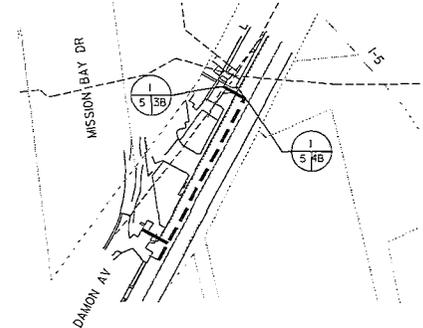
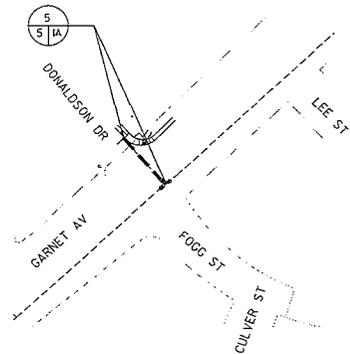
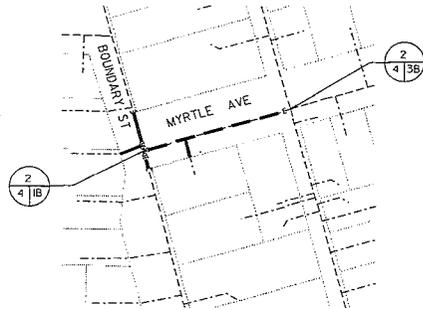
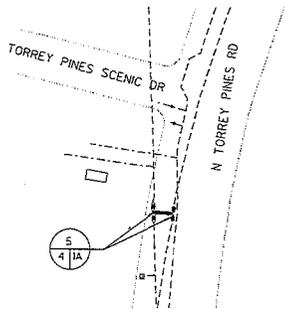


LEGEND	
(6) CURB RAMP NO'S	T EX TREE
EX UTILITY POLE	EX STREET SIGN
EX FIRE HYDRANT	EX CURB RAMP
EX STREET LIGHT	

PLANS FOR THE CONSTRUCTION OF REMAINING SMALL DIAMETER CI WATER PH 1 CURB RAMP LOCATIONS

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 11 OF 20 SHEETS	MATER NO. B15206 SEWER NO. 301
PROJECT NO. 31817 FOR THE PROJECT OF THE CITY OF SAN DIEGO PROJECT ENGINEER DATE FILED	APPROVED DATE FILED
DESCRIPTION ORIGINAL	DATE FILED
DATE STARTED	DATE COMPLETED
CONTRACTOR	INSPECTOR
39052-17-D	

CURB RAMP LOCATIONS



LEGEND

- EXISTING WATER MAIN
- ===== PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN

- FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- FIRE HYDRANT TO BE REPLACED

-  CITY FORCES NOTE NUMBER (THIS SHEET)
-  CITY FORCES NOTE NUMBER (PLAN & PROFILE SHT.)
-  PLAN & PROFILE 'D' SHEET NUMBER

- BC --- BEFORE CONTRACTOR
- AC --- AFTER CONTRACTOR

WORK BY CITY FORCES

-  AC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT, OPEN VALVE(S)
-  BC - CUT & PLUG
AC - RECONNECT
-  BC - CUT AND ABANDON
-  AC - WET TAP
-  BC - ISOLATE MAINS
AC - OPEN EX. VALVE



C-15

PLANS FOR THE CONSTRUCTION OF REMAINING SMALL DIAMETER CI WATER PH 1 WORK BY CITY FORCES

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 18 OF 20 SHEETS

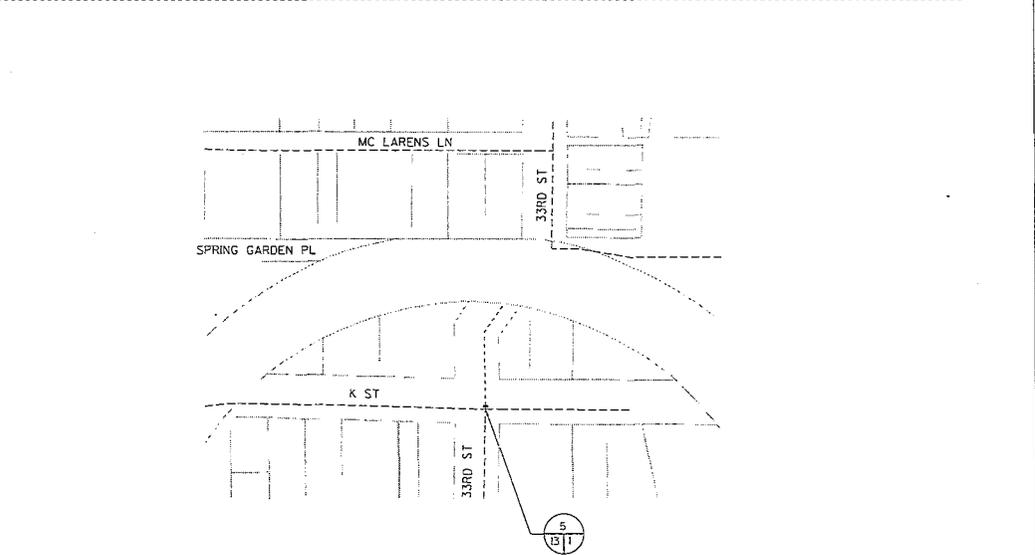
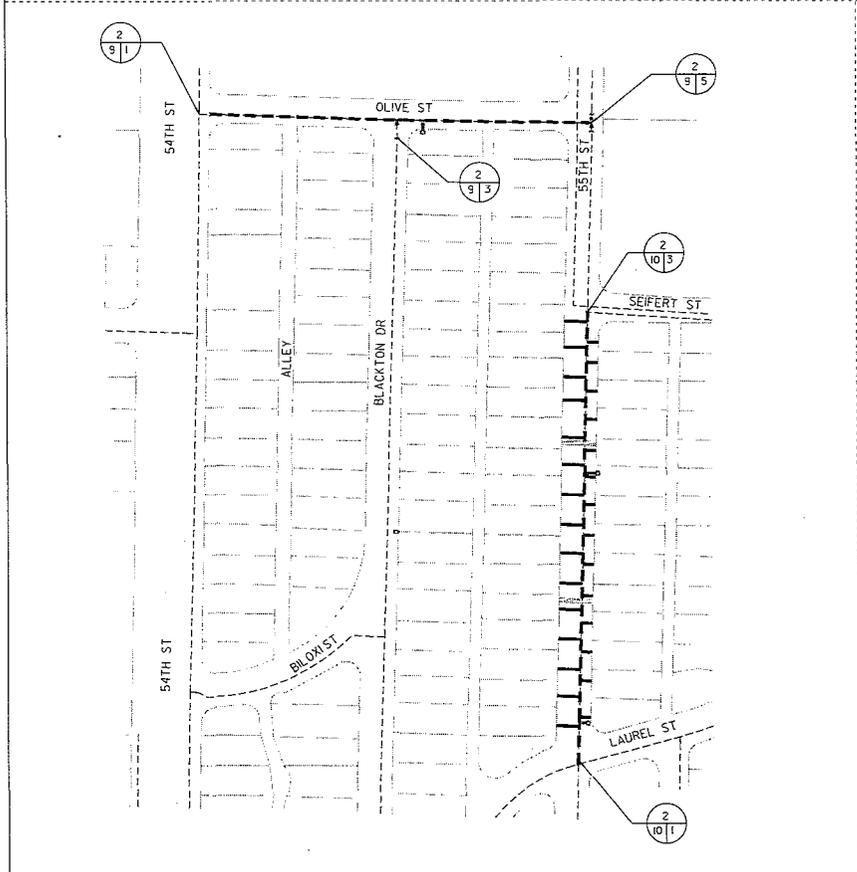
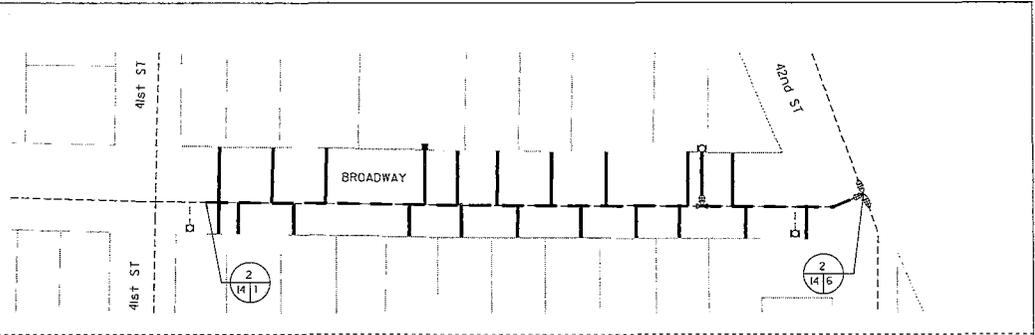
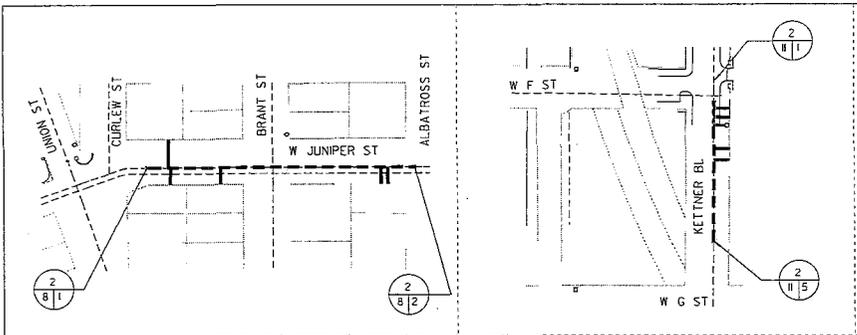
WATER PH 1
SEWER PH 1
BIS206

DESIGNED BY	DATE	SCALE
FOR APPROVAL BY	DATE	SCALE
PROJECT NO.	PROJECT NAME	PROJECT LOCATION
DESCRIPTION	BY	APPROVED
ORIGINAL	DATE	DATE
	DATE	DATE
	DATE	DATE



CONTRACTOR: _____ DATE STARTED: _____
INSPECTOR: _____ DATE COMPLETED: _____

39092-18-D



C-16

PLANS FOR THE CONSTRUCTION OF
REMAINING SMALL DIAMETER
CI WATER PH 1
WORK BY CITY FORCES



CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 22 OF 23 SHEETS		WATER PH 1 EB5206
DESIGNED BY ALICE ALTES	CHECKED BY ALICE ALTES	PROJECT MANAGER ALICE ALTES
PROJECT ENGINEER CHRISTINA AWAD	DATE 02/20/20	PROJECT ENGINEER CHRISTINA AWAD
DESCRIPTION	BY	APPROVED
ORIGINAL	CAWOC	
DATE	FILED	
DATE STARTED	DATE COMPLETED	

Bid Results

Bidder Details

Vendor Name Burtech Pipeline Incorporated
Address 102 Second Street
 Encinitas, CA 92024
 United States
Respondee BUDDY AQUINO
Respondee Title CHIEF ESTIMATOR
Phone 760-634-2822 Ext.
Email buddy@burtechpipeline.com
Vendor Type PQUAL,CADIR,Local
License # 718202
CADIR 1000006324

Bid Detail

Bid Format Electronic
Submitted June 5, 2017 1:17:01 PM (Pacific)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 107562
Ranking 0

Respondee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
Bid Bond	Bid Bond.pdf	Bid Bond
Contractor's Certification of Pending Actions	Contractor's Certification of Pending Actions.pdf	Contractors Certification of Pending Actions
Subcontractors Additive_Deductive Alternate	Subcontractors Additive_Deductive Alternate Form .pdf	Subcontractor's Additive Deductive Alternate Form
Bid Bond	Bid Bond.pdf	Bid Bond

Line Items

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
	Main Bid					
1	Bonds (Payment and Performance)					
	524126	LS	1	\$19,500.00	\$19,500.00	
2	Suspension of Work - Resources					
	541690	DAYS	5	\$100.00	\$500.00	
3	WPCP Development					
	541330	LS	1	\$650.00	\$650.00	
4	WPCP Implementation					
	237990	LS	1	\$2,500.00	\$2,500.00	

Remaining Small Diameter CI Water Phase1 (K-17-1546-DBB-3), bidding on June 5, 2017 2:00 PM (Pacific)

Printed 06/05/2017

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
5	Discharge Fees (EOCP Type - I)					
	237110	AL	1	\$20,000.00	\$20,000.00	
6	Video Recording of Existing Conditions					
	238990	LS	1	\$3,000.00	\$3,000.00	
7	Exclusive Community Liaison Services					
	541820	LS	1	\$35,000.00	\$35,000.00	
8	Mobilization					
	237110	LS	1	\$50,000.00	\$50,000.00	
9	Field Orders (EOC Type II)					
		AL	1	\$100,000.00	\$100,000.00	
10	Additional Pavement Removal and Disposal (Beyond 12 Inches Thick)					
	237310	CY	2070	\$1.00	\$2,070.00	
11	Removal and Disposal of Railroad Tracks					
	238910	LF	245	\$20.00	\$4,900.00	
12	Miscellaneous Landscape Replacement					
	238910	LS	1	\$2,500.00	\$2,500.00	
13	Tree Removal					
	238910	EA	1	\$1,000.00	\$1,000.00	
14	Adjust Existing Manhole Frame and Cover to Grade					
	237310	EA	2	\$1,000.00	\$2,000.00	
15	Adjust Existing Gate Valve Frame and Cover to Grade					
	237310	EA	7	\$400.00	\$2,800.00	
16	Adjust Survey Monument to Grade					
	237310	EA	2	\$350.00	\$700.00	
17	Cold Mill AC Pavement (1½ Inch)					
	237310	SF	7284	\$1.10	\$8,012.40	
18	Asphalt Pavement Repair					
	237310	TON	1	\$1,200.00	\$1,200.00	
19	Rubber Polymer Modified Slurry (RPMS) Type II					
	237310	SF	46100	\$0.54	\$24,894.00	
20	Rubber Polymer Modified Slurry (RPMS) Type II Over Type III					
	237311	SF	680	\$6.52	\$4,433.60	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
21	Rubber Polymer Modified Slurry (RPMS) Type I Over Type II 237310	SF	124149	\$0.59	\$73,247.91	
22	Pavement Restoration Adjacent to Trench 237310	SF	618	\$10.00	\$6,180.00	
23	Asphalt Concrete Overlay and Striping (1½ Inch) 237310	TON	245	\$176.00	\$43,120.00	
24	Road Hump Replacement 237310	LF	64	\$109.25	\$6,992.00	
25	Concrete Pavement (7 Inch thick) 238910	SF	33064	\$9.50	\$314,108.00	
26	Pavement Fabric 237310	SY	372	\$6.90	\$2,566.80	
27	Curb Inlet (Type A) 237110	EA	1	\$10,000.00	\$10,000.00	
28	Contractor Date Stamps and Impressions 237310	EA	5	\$300.00	\$1,500.00	
29	Cross Gutter 237310	SF	1618	\$16.50	\$26,697.00	
30	Curb Ramp (Type A) with Detectable Warning Tiles 237310	EA	3	\$3,350.00	\$10,050.00	
31	Curb Ramp (Type B) with Detectable Warning Tiles 237310	EA	4	\$3,350.00	\$13,400.00	
32	Curb Ramp (Type C1) with Detectable Warning Tiles 237310	EA	2	\$3,550.00	\$7,100.00	
33	Curb Ramp (Type D) with Detectable Warning Tiles 237310	EA	4	\$2,800.00	\$11,200.00	
34	Removal or Abandonment of Existing Water Facilities 237110	LS	1	\$2,500.00	\$2,500.00	
35	Handling and Disposal of Non-friable Asbestos Material 237110	LF	793	\$10.00	\$7,930.00	
36	Additional Bedding 237110	CY	114	\$1.00	\$114.00	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
37	Water Main (8 Inch)					
	237110	LF	1368	\$120.00	\$164,160.00	
38	Water Main CL305 DR14 (8 Inch)					
	237110	LF	1467	\$121.00	\$177,507.00	
39	Water Main (12 Inch)					
	237110	LF	1352	\$151.74	\$205,152.48	
40	Trench Shoring					
	237110	LS	1	\$5,000.00	\$5,000.00	
41	Butterfly Valve (16 Inch, Class 150B)					
	237110	EA	4	\$4,800.00	\$19,200.00	
42	Gate Valve (8 Inch)					
	237110	EA	14	\$1,795.00	\$25,130.00	
43	Gate Valve (12 Inch)					
	237110	EA	13	\$3,300.00	\$42,900.00	
44	Fire Hydrant Assembly and Marker (6 Inch - 2 port)					
	237110	EA	4	\$8,900.00	\$35,600.00	
45	Fire Hydrant Assembly and Marker (6 Inch - 3 port)					
	237110	EA	1	\$8,900.00	\$8,900.00	
46	Fire Service Connection and Assembly (6 Inch)					
	237110	EA	2	\$5,900.00	\$11,800.00	
47	Water Service (1 Inch)					
	237110	EA	87	\$3,561.00	\$309,807.00	
48	Water Service (2 Inch)					
	237110	EA	2	\$4,500.00	\$9,000.00	
49	Blow-Off Valve Assembly (2 Inch)					
	237110	EA	1	\$5,800.00	\$5,800.00	
50	Blow-Off Valve Assembly (4 Inch)					
	237110	EA	1	\$6,000.00	\$6,000.00	
51	Air and Vacuum (Air Release) Valve Assembly (1 Inch, CL150)					
	237110	EA	1	\$6,800.00	\$6,800.00	
52	Temporary Resurfacing					
	237310	TON	220	\$120.00	\$26,400.00	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
53	Thrust Blocks and Anchor Blocks for 16 Inch and Larger Water Mains					
	237110	EA	2	\$1,000.00	\$2,000.00	
54	Imported Backfill For Trench					
	237110	TON	90	\$10.00	\$900.00	
55	Thermoplastic Traffic Striping					
	237310	LF	1278	\$3.45	\$4,409.10	
56	Thermoplastic Pavement Markings					
	237310	LS	1	\$18,500.00	\$18,500.00	
57	Pedestrian Barricade					
	237310	EA	8	\$750.00	\$6,000.00	
58	Contractor Furnished Materials for the City Forces High-line Work					
	237110	LF	6650	\$2.70	\$17,955.00	
59	Contractor Furnished Materials for City Forces Connection, Cut and Plug, and Cut-in Work for Mains 16-Inch and Larger.					
	237110	LS	1	\$5,000.00	\$5,000.00	
60	Cut-in Tee by Contractor (8 Inch through 12 Inch)					
	237110	EA	3	\$13,000.00	\$39,000.00	
61	Cut-in Tee by Contractor (16 Inch)					
	237110	EA	2	\$13,800.00	\$27,600.00	
62	Connections to The Existing System by Contractor (8 Inch through 12 Inch)					
	237110	EA	1	\$5,500.00	\$5,500.00	
63	Connections to The Existing System by Contractor (16 Inch and Larger)					
	237110	EA	1	\$6,500.00	\$6,500.00	
64	Permanent Cut and Plug by Contractor					
	237110	EA	2	\$7,000.00	\$14,000.00	
65	Pavement Restoration for Final Connection					
	237110	SF	2100	\$15.00	\$31,500.00	
				Subtotal	\$2,060,386.29	
	Alternate Items					
66	Connections to The Existing System by Contractor (8 Inch through 12 Inch)					
	237110	EA	21	\$4,500.00	\$94,500.00	
67	Connections to The Existing System by Contractor (16 Inch and Larger)					
	237110	EA	1	\$6,000.00	\$6,000.00	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
68	Cut and Plug by Contractor 237110	EA	22	\$4,500.00	\$99,000.00	
69	High-lining Installation by the Contractor 237110	LF	6650	\$8.00	\$53,200.00	
70	High-lining Removed by the Contractor 237110	LF	6650	\$2.00	\$13,300.00	
Subtotal					\$266,000.00	
Total					\$2,326,386.29	

Subcontractors

Name & Address	Description	License Num	CADIR	Amount	Type
McGrath Consulting PO BOX 2488 El Cajon, CA 92021 United States	Bid Item 3 - WPCP Development	11MH0281	1000037165	\$550.00	ELBE,SDB
Payco Specialties Inc. 120 North Second Ave Chula Vista, CA 91910 United States	Bid Items 23, 55-57 for Striping, Pavement Markings and Pedestrian Barricade	298637	1000003515	\$26,546.00	CAU,FEM,PQUAL,S LBE,MBE,SDB,WBE,WOSB
Vic Salazar Communications 5205 Kearny Villa Road Suite 107 San Diego, CA 92130 United States	Bid Item 7 - Exclusive Community Liaison Services	00000	1000047130	\$35,000.00	DBE,ELBE,LAT,MAL E,MBE
American Asphalt South, Inc. PO Box 310036 14436 Santa Ana Ave Fontana, CA 92331 United States	Bid Items 19,20&21 for RPMS Scopes	784969	1000000645	\$88,838.59	CAU,MALE,PQUAL,CADIR
RPG 1672 Main St. Ste. E-318 Ramona, CA 92065 United States	Coldmilling, Asphalt Repair Works, Grind & Paving	*1007412	1000005436	\$154,462.00	PQUAL,CADIR,WO SB
Rectrucking inc 1128 2nd ave Chula vista, CA 91911 United States	Trucking Services	N/A	1000040647	\$30,000.00	LAT,MALE,ELBE
YBS CONCRETE INC. PO BOX 1197 CHULA VISTA, CA 91911 United States	Bid Items 25, 28-33 for Concrete & Curb Ramps	885270	1000005182	\$347,091.00	LAT,MALE,SLBE,CA DIR