

City of San Diego

CONTRACTOR'S NAME: KTA Construction, Inc.

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Phone No. (619) 533-3435, Fax No. (619) 533-3633

JSoriano/RW Bustamante/egz

CONTRACT DOCUMENTS



FOR ORIGINAL

WATER GROUP 942

VOLUME 1 OF 2

BID NO.: K-15-1334-DBB-3

SAP NO. (WBS/IO/CC): B-11038

CLIENT DEPARTMENT: 2013

COUNCIL DISTRICT: 6

PROJECT TYPE: KA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

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

BID DUE DATE:

2:00 PM

JULY 15, 2015

CITY OF SAN DIEGO

PUBLIC WORKS CONTRACTS

1010 SECOND AVENUE, 14th FLOOR, MS 614C

SAN DIEGO, CA 92101

ORIGINAL

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

06/8/15

Date

Seal



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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracts at the location, time, and date shown on the cover of these specifications for performing work on **Water Group 942** (Project).
2. **SUMMARY OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described in ATTACHMENT A.
3. **BIDS ARE PUBLIC RECORDS:** Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.
4. **SUBCONTRACTING PARTICIPATION PERCENTAGES:**
 - 4.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	6.7%
2. ELBE participation	15.6%
3. Total mandatory participation	22.3%
 - 4.2. The Bidders are strongly encouraged to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract. See the City's document titled "SLBE Program, Instructions For Bidders Completing The Good Faith Effort Submittal" available at: <http://www.sandiego.gov/eoc/>
 - 4.3. The Bid will be declared **non-responsive** if the Bidder fails the following mandatory conditions:
 - 4.3.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR
 - 4.3.2. Bidder's submission of Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good

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

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

5. PRE-BID MEETING:

5.1. There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracts Conference Room, at 1010 Second Avenue 14th Floor, San Diego, CA 92101 at **10:00 AM, on June 24, 2015.**

5.2. All potential bidders are encouraged to attend.

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

6. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

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

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

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

8.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less

than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

8.1.1. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

8.1.2. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

8.2. Penalties for Violations. Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

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

8.3.1. For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

8.4. Apprentices. Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

- 8.5. Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.6. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.7. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”
- 8.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego’s Equal Opportunity Contracting Department at 619-236-6000.
- 8.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.
- 8.9.1.** A Contractor’s inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

9. INSURANCE REQUIREMENTS:

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

10. PREQUALIFICATION OF CONTRACTORS:

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

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

- 10.2. The completed application must be submitted online to the Public Works Contracts, Prequalification Program 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.
- 10.3. As a result of the City’s fiduciary requirement to safeguard vendor data, City staff will not be able to provide information regarding contractors’ prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids™](#).

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

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”)	2012	PITS070112-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)*	2012	PITS070112-02
City of San Diego Standard Drawings*	2012	PITS070112-03
Caltrans Standard Specifications	2010	PITS070112-04
Caltrans Standard Plans	2010	PITS070112-05
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use (when specified)*	Varies	Varies

Title	Edition	Document Number
Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84	1984	769023
NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml		

12. **CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.
13. **CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.
14. **CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2.
15. **SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.
16. **AWARD PROCESS:**
- 16.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
- 16.2. Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.
- 16.3. This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.
17. **SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.

18. **AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.
19. **SUBMISSION OF QUESTIONS:**
- 19.1. The Director (or designee), of the Public Works Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:
- Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: [Contract Specialist listed on the front cover hereof]
- OR:
- Email address of the Contract Specialist listed on the front cover hereof.
- 19.2. Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 19.3. Clarifications deemed by the City to be material shall be issued by Addenda and uploaded to the City's online bidding service.
- 19.4. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
20. **ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
21. **SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms with the Notice Inviting Bids and Contract forms.
22. **PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.

- 22.1. Bidder shall complete and submit all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Bid. The entire specifications for the bid package do not need to be submitted with the bid.
- 22.2. The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.
- 22.3. Bids and certain other forms and documents as specified in the Volume 2 of 2 of the Contract Documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.
- 22.4. Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.

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

- 23.1. Bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% of the total bid amount.
- 23.2. This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.
- 23.3. The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.
- 23.4. A Bid received without the specified bid security may be rejected as **non-responsive**.

24. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 24.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 24.2. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules will be rejected as being non-responsive.
- 24.3. The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 24.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of

written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.

- 24.5. A bidder who is not selected for contract award may protest the award of a contract to another bidder by submitting a written protest in accordance with section 22.3017 of the San Diego Municipal Code.
- 24.6. The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 24.7. Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 24.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of any proposed alternates, additive items or options, at its discretion that will be disclosed in the Volume 2 of 2.

25. BID RESULTS:

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

26. THE CONTRACT:

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

reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.

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

Regulation 90.63.

29. PRE-AWARD ACTIVITIES:

- 29.1. The selected contractor by the City to execute a contract for this Work shall provide the information required within the time specified in "Required Documents," of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.
- 29.2. If the Bid is rejected as non-responsive, the selected contractor by the City to execute a contract for this Work shall forfeit the required Bid. The decision that the selected contractor by the City to execute a contract for this Work is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

30. PHASED FUNDING:

For additional Phased Funding Provisions, see Attachment B.

31. ADDITIVE/DEDUCTIVE ALTERNATES:

- 31.1. 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 decision 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 the Base Bid plus any combination of Additive and Deductive Alternate(s).
- 31.2. 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.

32. REQUIRED DOCUMENT SCHEDULE:

- 32.1. The Bidder's attention is directed to the City's Municipal Code §22.0807(e), (3)-(5) for important information regarding grounds for debarment for failure to submit required documentation.
- 32.2. The specified Equal Opportunity Contracting Program (EOCP) forms are available for download from the City's web site at:

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

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA45 - Subcontractors Additive/Deductive Alternate
9.	WITHIN 3 WORKING DAYS OF BID OPENING	ALL BIDDERS	SLBE Good Faith Efforts Documentation
10.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Form AA60 – List of Work Made Available
11.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.
12.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Phased Funding Schedule Agreement (when required)
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Pre-Award Schedule (Phased Funded Contracts Only)
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
20.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
21.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
22.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

**CONTRACT FORMS
AGREEMENT**

CONTRACT FORMS (continued)

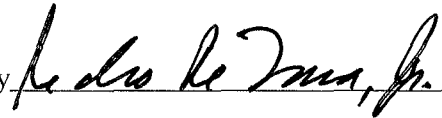
IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code §22.3102 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Jan I. Goldsmith, City Attorney

By 

By 

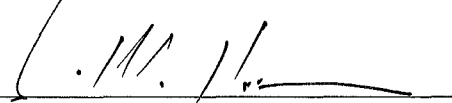
Print Name: Stephen Samara
Principal Contract Specialist

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

Date: 9-14-15

Date: 9/14/15

CONTRACTOR

By 

Print Name: Paul M. Hausman

Title: President

Date: 8-5-15

City of San Diego License No.: B 1995007394

State Contractor's License No.: 398234

**CONTRACT FORMS
ATTACHMENTS**

CONTRACT FORMS ATTACHMENTS
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

KTA CONSTRUCTION, INC., a corporation, as principal, and
The Guarantee Company of North America USA, a corporation authorized to do
business in the State of California, as Surety, hereby obligate themselves, their successors and
assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of
THREE MILLION FOUR HUNDRED NINETY SIX THOUSAND EIGHT HUNDRED NINETY
FOUR DOLLARS 28/100 (\$3,496,894.28), for the faithful performance of the annexed contract, and
in the sum of THREE MILLION FOUR HUNDRED NINETY SIX THOUSAND EIGHT
HUNDRED NINETY FOUR DOLLARS 28/100 (\$3,496,894.28), for the benefit of laborers and
materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract **Water Group 942**,
Bid Number **K-15-1334-DBB-3**, San Diego, California then the obligation herein with respect to a
faithful performance shall be void; otherwise it shall remain in full force.

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

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

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

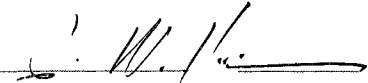
CONTRACT FORMS ATTACHMENTS (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

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

Dated 4th August 2015

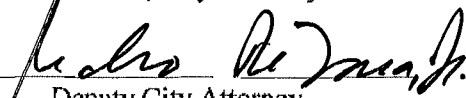
Approved as to Form

KTA Construction, Inc.
Principal

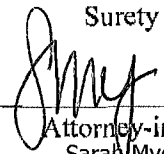
By 

Paul M. Hansen
Printed Name of Person Signing for Principal

Jan I. Goldsmith, City Attorney

By 
Deputy City Attorney

The Guarantee Company of North America USA
Surety

By 
Attorney-in-fact
Sarah Myers

Approved:

By: 
Stephen Samara
Principal Contract Specialist
Public Works Contracting Group

1800 Sutter Street, Suite 880
Local Address of Surety

Concord, CA 94520
Local Address (City, State) of Surety

(925) 566-6040
Local Telephone No. of Surety

Premium \$ 28,978.00
Premium is for contract term and subject to adjustment based on final contract price.

Bond No. 12109255

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 AUG 04 2015 before me, Maria Guise, Notary Public,
Date Insert Name of Notary exactly as it appears on the official seal

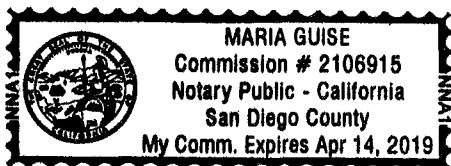
personally appeared Sarah Myers
Name(s) of Signer(s)

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 [Signature]
Signature of Notary Public Maria Guise



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another 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: _____

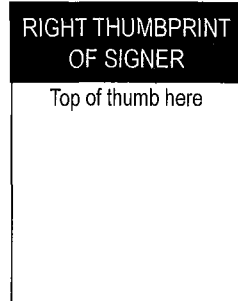
- Individual
- Corporate Officer — Title(s): _____
- Partner Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer is Representing:
Surety Company

Signer's Name: _____

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



Signer is Representing:



The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS: That **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Lawrence F. McMahon, Maria Vhanneza Guise, Sarah Myers, Charlotte Aquino, James D. Castle, Jennifer L. Clampert, Janice Martin
Alliant Insurance Services, Inc.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon **THE GUARANTEE COMPANY OF NORTH AMERICA USA** as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of **THE GUARANTEE COMPANY OF NORTH AMERICA USA** at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner – Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.



IN WITNESS WHEREOF, **THE GUARANTEE COMPANY OF NORTH AMERICA USA** has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 23rd day of February, 2012.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, Vice President

Randall Musselman, Secretary

STATE OF MICHIGAN
County of Oakland

On this 23rd day of February, 2012 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of



Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 27, 2018
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

I, Randall Musselman, Secretary of **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 4th day of August, 2015

Randall Musselman, Secretary

CALIFORNIA ALL PURPOSE 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 August 5, 2015 before me, Brin Ragsdale Notary Public,

Date (here insert name and title of the officer)

personally appeared Paul M. Henderson

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: Brin Ragsdale (Seal)

OPTIONAL

Description of Attached Document

Title or Type of Document: _____ Number of Pages: _____

Document Date: _____ Other: _____

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

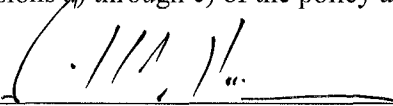
PROJECT TITLE: Water Group 942

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;

KTA CONSTRUCTION INC.

(Name under which business is conducted)

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

Signed 

Printed Name Paul M. Hansen

Title President

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Water Group 942

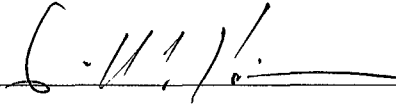
I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American With Disabilities Act", of the project specifications, and that;

KTA CONSTRUCTION INC.

(Name under which business is conducted)

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

Signed



Printed Name

Paul M. Hansen

Title

President

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: Water Group 942

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

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

Dated this 5th Day of August, 2015.

Signed [Signature]

Printed Name PAUL M. HARRISON

Title PRESIDENT

AFFIDAVIT OF DISPOSAL

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

Water Group 942

(Name of Project)

as particularly described in said contract and identified as **K-15-1334-DBB-3**; SAP No. (WBS/IO/CC) **B-11038**; and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

NOW, THEREFORE, in consideration of the final payment by the City of San Diego to said Contractor under the terms of said contract, the undersigned Contractor, does hereby affirm that all surplus materials as described in said contract have been disposed of at the following location(s)

and that they have been disposed of according to all applicable laws and regulations.

Dated this _____ DAY OF _____, _____.

Contractor
by

ATTEST:

State of _____
County of _____

On this _____ DAY OF _____, 2____, before the undersigned, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared _____ known to me to be the _____ Contractor named in the foregoing Release, and whose name is subscribed thereto, and acknowledged to me that said Contractor executed the said Release.

Notary Public in and for said County and State

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** Construction of Water Group 942 consists of the replacement of existing CI and AC water main with approximately 8,885 linear feet of 16-inch PVC water mains and water services. This includes curb ramps and pavement resurfacing.
 - 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids and Plans numbered **37467-01-D** through **37467-23-D** and Traffic Control Plans **37467-T1-D** through **37467-T6-D**, inclusive.
2. **CONSTRUCTION COST:** The City's estimated construction cost for this contract is **\$3,620,000**.
3. **LOCATION OF WORK:** The location of the Work is as follows:

Kearny Villa Road from Tech Way to Chesapeake Drive and Kearny Mesa Road from Buckhorn Street to Ronson Road.
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **190 Working Days**.
5. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

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

Option	Classifications
1	CLASS A
2	CLASS C34

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

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PHASED FUNDING:

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

PHASED FUNDING SCHEDULE AGREEMENT

Check one:

- First Phased Funding Schedule Agreement
 Final Phased Funding Schedule Agreement

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

BID NUMBER: _____

CONTRACT OR TASK TITLE: _____

CONTRACTOR: _____

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

Notes:

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

CITY OF SAN DIEGO

CONTRACTOR

By: _____

By: _____

Name: _____

Name: _____

Project Manager

Department Name: _____

Title: _____

Date: _____

Date: _____

-END OF PHASED FUNDING SCHEDULE AGREEMENT-

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM REQUIREMENTS

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

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

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

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

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

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

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

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

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

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

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

ATTACHMENT D
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ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

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

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

1-2 TERMS AND DEFINITIONS.

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

The Normal Working Hours are 9:00 PM to 5:00 AM for work area locations indicated in 37467-T6-D. For all other areas, the normal working hours shall be 8:30 AM to 3:30 PM.

SECTION 2 - SCOPE AND CONTROL OF WORK

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

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

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

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

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

The Product Submittal Form is available for download at:

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

2-5.3.2 Working Drawings. TABLE 2-5.3.2(A), ADD the following:

Item	Section No.	Title	Subject
17	306-1.6	Water Valve Bypass for Mainlines 16" and Larger	SDW-154*

*Note: The distance dimensions shown between the bypass pipes and between bypass pipes and the mainlines are subject to change to field conditions.

2-9.1 Permanent Survey Markers. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

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

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

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

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

SECTION 4 - CONTROL OF MATERIALS

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

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

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

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

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

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

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

5. For Water projects where shutdowns of 16 inch and larger pipes are required, there is a shutdown moratorium from May until October. Contractor shall plan and schedule work accordingly. No additional payment or working days will be granted for delays due to this moratorium.
6. 30 Working days for full depth asphalt final mill and resurfacing work required per SDG-107.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

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

7-3.1 **Policies and Procedures.**

1. You must procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You must maintain this insurance for the duration of this contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this contract. Your liabilities under the Contract, e.g., your

indemnity obligations, is not deemed limited to the insurance coverage required by this contract.

4. Payment for insurance is included in the various items of Work as bid by you, and except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any work under this contract until you have provided and the City has approved all required insurance.
5. Policies of insurance must provide that the City is entitled to 30 days (10 days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

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

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

7-3.2.2 Commercial Automobile Liability Insurance.

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

2. All costs of defense must be outside the limits of the policy.

7-3.2.3

Contractors Pollution Liability Insurance.

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

7-3.2.4

Contractors Hazardous Transporters Pollution Liability Insurance.

1. You must provide at your expense or require 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 must be outside the limits of the policy. The deductible must not exceed \$25,000 per claim. Any such insurance provided by a subcontractor instead of you must 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 must include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There must be no endorsement or modification of the coverage limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. Occurrence based policies must be procured before the Work commences and must be maintained for the duration of this contract. Claims Made policies must be procured before the Work commences, must be maintained for the duration of this contract, and must include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies must continue to be maintained for 12 months after the completion of the Work under this contract without advancing the retroactive date.
5. Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 days prior written notice (10 days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance.

7-3.5.1.1 Additional Insured.

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

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

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

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

7-3.5.2 Commercial Automobile Liability Insurance.

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

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

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

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

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

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

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

7-3.5.4 Contractors Hazardous Transporters Pollution Liability Insurance Endorsements.

7-3.5.4.1 Additional Insured.

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

of California Insurance Code §11580.04, the insurer's obligation to the City and its respective elected officials, officers, employees, agents, and representatives must be limited to obligations permitted by California Insurance Code §11580.04.

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

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

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

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

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

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

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

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

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

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

Bodily Injury by Disease \$1,000,000 policy limit

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

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

7-8.6 Water Pollution Control. ADD the following:

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

7-10.5.3 Steel Plate Covers. Table 7-10.5.3(A), REVISE the plate thickness for 5'-3" trench width to read 1 ¾".

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

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

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

ADD:

7-16 COMMUNITY OUTREACH.

7-16.1 General.

1. To ensure consistency with the City's community outreach plan for the project, the City will work with the Contractor to inform the public (which includes, but is not limited to, property owners, renters, homeowners, business owners, recreational users, and other community members and stakeholders) of construction impacts. Efforts by the Contractor to mitigate construction impacts by communicating with the public require close coordination and cooperation with the City.
2. The Contractor will perform the community outreach activities required throughout the Contract Time.

3. The Contractor shall closely coordinate the Work with the businesses, institutions, residents and property owners impacted by the Project. Example duties of the Contractor include notification to the businesses, institutions and residents of the commencement of construction activities not less than 5 days in advance, coordination of access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project, reporting of Contractor activities at all Project progress meetings scheduled by the Engineer, attendance to the Project Pre-construction Meeting, attendance at 2 community meetings, response to community questions and complaints related to Contractor activities, and written documentation including logging in all inquiries and complaints received into the City's Public Contact Log located on the City's SDSShare site:

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

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

5. Electronic Communication.

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

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

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

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

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

7-16.1.1 Quality Assurance.

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

- c. Have the interpersonal skills to effectively, professionally, and tactfully represent the project, Contractor, and City to the public.

7-16.1.2 Submittals.

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

7-16.2 Community Outreach Services.

7-16.2.1 Public Notice by Contractor.

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

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

7-16.2.2 Communications with the Public.

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

7-16.2.3 Communications with Media.

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

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

7-16.3

Exclusive Community Liaison Services. If directed to conduct Exclusive Community Liaison Services, the Contractor shall retain an Exclusive Community Liaison for the Project whose sole responsibilities will be to implement 7-16.2, "Community Outreach Services" and as follows:

1. Develop a contact list of community, tenants, property owners, and agencies with a stake in the project.
2. Prepare and present of materials in coordination with the Resident Engineer.
3. Respond to community questions and complaints related to Contractor activities.
4. Write, edit, update, or produce brochures, pamphlets and news releases.
5. Provide standard telephone inquiries and e-mail responses:
 - a) Respond to telephone calls and e-mails from the public.
 - b) Record calls and e-mails on the City's SDSShare site.
6. Provide a monthly summary report of all inquiries and complaints, including the name of the person, source of inquiry (via information line or email), phone number, address, date, and time of inquiry, who responded, and a summary of resolutions or pending resolutions to the Resident Engineer.
7. Report Exclusive Community Liaison activities at all progress meetings scheduled by the Resident Engineer.
8. Attendance at pre-construction, community and stakeholders meetings.

7-16.3.1

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

7-16.4 **Payment.** The Payment for the Community Outreach Service is included in the various Bid items. The payment for exclusive community liaison is in the bid item for "Exclusive Community Liaison Services."

7-20 **ELECTRONIC COMMUNICATION.** ADD the following:

Virtual Project Manager will be used on this contract.

SECTION 9 - MEASUREMENT AND PAYMENT

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

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

ADD:

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

SECTION 203 – BITUMINOUS MATERIALS

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

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

ADD the following:

RPMS shall be used on this contract.

SECTION 207 – PIPE

207-9.2.3 **Fittings.** To the City Supplement, ADD the following:

- 8. Flange gaskets shall be 3.2mm (1/8") thick acrylic or aramid fibers bound with nitrile for all sizes of pipe. Gaskets shall be full-face type with pre-

punched holes free of asbestos material. All insulating flange kits require full face gaskets.

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

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

207-26.4 Butterfly Valves. To the City Supplement, Paragraph (2), DELETE the last sentence.

To the City Supplement, Paragraph (3), DELETE in its entirety and SUBSTITUTE with the following:

3. The operator shall be manual with a 2" (50 mm) square operating nut, and shall open the valve when turned counterclockwise.

SECTION 300 – EARTHWORK

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

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

SECTION 302 – ROADWAY SURFACING

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

302-3 PREPARATORY REPAIR WORK.

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

3” for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.

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

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

302-3.1 Asphalt Patching.

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

302-3.2 Payment.

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

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

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

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

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

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

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

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

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.7.3.6	Private Pump Installation	306-1.9.2.6
306-1.7.3.7	Payment	306-1.9.2.7

306-1.1.1 General. ADD the following:

Build the Project in accordance with the water high-lining phasing shown on the Plans and in phases as follows:

1. Phase I: Kearny Villa Road from Kearny Villa Way to Chesapeake Drive.
2. Phase II: Kearny Mesa Road from Buckhorn Street to Ronson Road and Kearny Villa Road from Tech Way to Kearny Villa Way plus private road on sheet 14 of plans. Shutdown of 36" main to cut-in cross and proposed bypass.
3. Shutdown of 36" To Cut-In Cross and Proposed Bypass.

When installing pipelines within the City's streets, for the following streets, the total time allowed for the completion of Work may not exceed 10 Working Days per 500' of pipeline installation:

1. Intersection of Kearny Villa Road and Clairemont Mesa Boulevard.

306-1.4.5 Water Pressure Test. To the City Supplement, Paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

2. Pressure testing of pipe and fittings at the lowest elevation shall be performed at 150% of the specified test pressure and no less than 100% of the specified test pressure at the highest elevation.

Specified test pressure for Class 235 pipe will be 150 psi

Specified test pressure for Class 305 pipe will be 200 psi

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

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

ADD:

306-1.9.3 Water Service and Fire Services With Private Replumbing.

Where water service and/or fire services with private replumbing are shown on the plans, the Contractor shall install a new service from the mainline and connect to the private plumbing at a location closely represented in the drawings. Existing water service meters shall be relocated within new meter boxes as per the Standard Drawings as referenced in the plans. Existing fire service backflow assemblies shall

be removed and disposed of in its entirety. New fire service with backflow assemblies shall be constructed per the Standard Drawings as referenced in the plans and reconnected to the private plumbing at the location closely represented in the drawings. The work shall be performed by a qualified licensed contractor in accordance with current building and plumbing codes.

ADD:

306-1.9.3.1 Location.

- a) The location and details of replumbing work shown on the Plans are approximate. The Contractor shall locate the proposed Water and Fire services. The alignment for each new connection shall be selected such that the required length of pipe and disturbance to private property are minimized.
- b) Prior to any water and fire service replumbing activity, the Contractor shall coordinate with the property owner and arrange for video recording existing conditions of the property in accordance with 7-9.1, "VIDEO RECORDING OF EXISTING CONDITIONS."

ADD:

306-1.9.3.2 Permits.

Refer to section 306-1.9.2.2

ADD:

306-1.9.3.3 Submittals.

Prior to any water or fire service replumbing construction activity, the Contractor shall submit a separate Working Drawing of the new connection for each property to the Engineer. Working Drawings shall include a Plan and profile showing existing size and type of material to be used and point of connection to the existing property plumbing. Each Working Drawing submittal shall include a written approval by the property owner including an acknowledgement that the property owner has been provided a copy of the Working Drawings by the Contractor including any as-built conditions.

ADD:

306-1.9.3.4 Payment.

The Bid unit price for the "1-Inch Water Service with Private Replumbing", "4-Inch Fire Service with Private Replumbing" and "6-Inch Fire Service with Private Replumbing" shall include installation of new pipe and appurtenances connecting each existing property plumbing to the new water main, locating and capping or plugging the existing water/fire service piping. It shall also include all work to tie new water/fire service into the new proposed main, including but not limited to relocation of existing water meters, installation of new water meter boxes, installation and assembly of new fire service backflow prevention system and appurtenances, removal and disposal of existing fire service backflow prevention systems and appurtenances, restoration of private property irrigation, landscaping, ground cover, excavation, backfill and

compaction, coordination with private property owner and/or representatives, acquiring permits necessary to install the new water and fire service system, in place, and to restore private improvements to pre-bid condition.

SECTION 701 – WATER POLLUTION CONTROL

701-11 POST-CONSTRUCTION REQUIREMENTS. To the City Supplement, second paragraph, ADD the following:

Comply with the following post-construction requirements:

Curb Inlet Markers

SECTION 703 – ENCOUNTERING OR RELEASING HAZARDOUS SUBSTANCES

703-20 PAYMENT. To the City Supplement, Item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Payment for waste management shall be included in the applicable Bid items as follows:
 - a) Preparation of Hazardous Waste Management Plan and Reporting (LS).
 - b) Monitoring, Testing, Sampling, Site Storage, and Handling of Soils Containing RCRA Hazardous Waste (TON).
 - c) Loading, Transportation, and Disposal of soils containing RCRA Hazardous Waste (TON).
 - d) Monitoring of Petroleum Contaminated Soil (HR).
 - e) Testing, Sampling, Site Storage and Handling of Petroleum Contaminated Soil (TON).
 - f) Loading, Transportation, and Disposal of Petroleum Contaminated Soil (TON).
 - g) Monitoring, Testing, Sampling Site Storage and Handling of Soils Containing Non-RCRA Hazardous Waste (TON).
 - h) Loading, Transportation, and Disposal of Soils Containing Non-RCRA Hazardous Waste (TON).
 - i) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of Containerized RCRA Hazardous Waste (55 Gal DRUMS).
 - j) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of Containerized Non-RCRA Hazardous Waste (55 Gal DRUMS).

- k) Testing, Sampling, Site Storage, Handling, Transportation and Recycling/Disposal of Universal Waste (EACH).
- l) Testing, Sampling, Site Storage, Handling, Transportation and Recycling/Disposal of Regulated Waste (TON).
- m) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of RCRA Hazardous Waste contamination from the treatment of contaminated ground water (GAL).
- n) Testing, Sampling, Site Storage, Handling, Transportation, and Disposal of Non-RCRA Hazardous Waste contamination from the treatment of contaminated ground water (GAL).

SECTION 705 – WATER DISCHARGES

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

SECTION 707 – RESOURCE DISCOVERIES

ADD:

- 707-1.1** **Environmental Document.** The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption** for **Water Group 942**, as referenced in the Contract Appendix. You must comply with all requirements of the **Notice of Exemption** as set forth in the Contract Appendix A.

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

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

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

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

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

PROJECT NO.: WBS #. B-11038.02.06

PROJECT TITLE: Water Group 942

PROJECT LOCATION-SPECIFIC: The project is located in the Kearny Mesa community in San Diego (Council District 6). Construction will occur along portions of Kearny Villa Road from Tech Way to Chesapeake Drive and Kearny Mesa Blvd from Buckhorn Street to Ronson Road.

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

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT: The project will replace in place (5,891 LF), realign (2,864 LF), and abandon (2,975 LF) existing 12, 16 and 20-inch water main pipe within the Kearny Mesa community (Council District 6). The new pipe will include 12 and 16-inch pipe, and the trench width is expected to be three feet wide at depths between three and seven feet deep utilizing the open trench method of construction. Related work includes roadway resurfacing, new curb ramps per ADA standards, replacement of water services and restoration of disturbed areas to their original condition. All work would occur within the street right-of-way.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego, Public Works
Contact: Mahyar Navizi
600 B Street, Suite (MS 908A)
San Diego, CA 92101
(619) 235-1978

EXEMPT STATUS:

- () MINISTERIAL (SEC. 21080(b)(1); 15268);
() DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
() EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
(X) CATEGORICAL EXEMPTION: 15302(c) [REPLACEMENT OR RECONSTRUCTION]
() STATUTORY EXEMPTION:

REASONS WHY PROJECT IS EXEMPT: The City of San Diego has determined the project meets the categorical exemption criteria set forth in the CEQA State Guidelines, Section 15302(c) [Replacement or Reconstruction], which allows for the replacement of existing structures and facilities where the new structure will be located on the same site as the structure replaced, and will have substantially the same purpose and capacity as the structure replaced including replacement of existing utility systems and/or facilities involving negligible or no expansion of capacity; and where the exceptions listed in Section 15300.2 would not apply.

LEAD AGENCY CONTACT PERSON: ANNA L. MCPHERSON, AICP

TELEPHONE: 619-446-5276

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

Signature of Anna L. McPherson / SENIOR PLANNER

July 26, 2013
DATE

CHECK ONE:

APPENDIX B
FIRE HYDRANT METER PROGRAM

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

1. **PURPOSE**

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

2. **AUTHORITY**

- 2.1 All authorities and references shall be current versions and revisions.
- 2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15
- 2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986
- 2.4 California Code of Regulations, Titles 17 and 22
- 2.5 California State Penal Code, Section 498B.0
- 2.6 State of California Water Code, Section 110, 500-6, and 520-23
- 2.7 Water Department Director

Reference

- 2.8 State of California Guidance Manual for Cross Connection Programs
- 2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention
- 2.10 American Water Works Association Standards for Water Meters
- 2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

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

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 2 OF 10	EFFECTIVE DATE October 15, 2002
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3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.

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

4. **POLICY**

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

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

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

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

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

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

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2. The meter must be properly identifiable with a clearly labeled serial number on the body of the fire hydrant meter. The serial number shall be plainly stamped on the register lid and the main casing. Serial numbers shall be visible from the top of the meter casing and the numbers shall be stamped on the top of the inlet casing flange.
3. All meters shall be locked to the fire hydrant by the Water Department, Meter Section (see Section 4.7).
4. All meters shall be read by the Water Department, Meter Section (see Section 4.7).
5. All meters shall be relocated by the Water Department, Meter Section (see Section 4.7).
6. These meters shall be tested on the anniversary of the original test date and proof of testing will be submitted to the Water Department, Meter Shop, on a yearly basis. If not tested, the meter will not be allowed for use in the City of San Diego.
7. All private fire hydrant meters shall have backflow devices attached when installed.
8. The customer must maintain and repair their own private meters and private backflows.
9. The customer must provide current test and calibration results to the Water Department, Meter Shop after any repairs.
10. When private meters are damaged beyond repair, these private meters will be replaced by City owned fire hydrant meters.

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11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
13. The outlet shall have a 2 ½ “National Standards Tested (NST) fire hydrant male coupling.
14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).

4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.

4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.

4.6 Conditions and Processes for Issuance of a Fire Hydrant Meter

Process for Issuance

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

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

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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

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

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

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

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

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7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

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

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

Water Department Director

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

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

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

APPENDIX E
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 0.1 (mg/l) level; and effluent has been maintained between 6 and 9 (pH) 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	Is Discharge Within Limits?		Comment/Action Taken
							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 F
CALTRANS PERMIT

ENCROACHMENT PERMIT RIDER

TR-0122 (REV. 6/99)

Collected By SM	Permit No. 11-13-NTK-0679
Rider Fee Paid \$ EXEMPT	Dist/Co/Rte/PM 11-SD-163/8.65-8.81
Date MARCH 3, 2015	Rider Number 11-15-NRT-0128

TO:
 CITY OF SAN DIEGO
 525 B STREET, 7TH FLOOR MS 908A
 SAN DIEGO, CA 92101

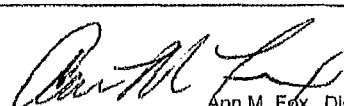
ATTN: CORSON SMITH
 PHONE: (619) 533-5230

, PERMITTEE

In compliance with your request of FEBRUARY 26, 2015, we are hereby amending the above numbered encroachment permit as follows:

Date of completion extended to: **JULY 31, 2016**

TIME EXTENSION ONLY.

Except as amended, all other terms and provisions of the original permit shall remain in effect.	
SM:sm cc: Permits BStinnett, Reg. Mgr. RYnzon, Inspector Permittee Contractor	APPROVED: <div style="text-align: right;">Laurie Berman, District Director</div>
	BY:  Ann M. Fox, District Permit Engineer

In compliance with (Check one):

- Your application of DECEMBER 2, 2013
- Utility Notice No. _____ of _____
- Agreement No. _____ of _____
- R/W Contract No. _____ of _____

Permit No. 11-13-NTK-0679	
Dist/Co/Rte/PM 11-SD-163/8.65-8.81	
Date JANUARY 13, 2014	
Fee Paid \$ EXEMPT	Deposit \$ EXEMPT
Performance Bond Amount (1) \$ N/A	Payment Bond Amount (2) \$ N/A
Bond Company N/A	
Bond Number (1) N/A	Bond Number (2) N/A

TO: CITY OF SAN DIEGO
 525 B STREET, 7TH FLOOR MS 908A
 SAN DIEGO, CA 92101

ATTN: CORSON SMITH
 PHONE: (619) 533-5230

PERMITTEE

And subject to the following, PERMISSION IS HEREBY GRANTED to:

enter upon State Highway right of way in San Diego County, City of San Diego, on Route 163 post mile 8.65-8.81, to place temporary traffic control to facilitate work outside of the right of way, as shown on the attached plans, in accordance with the requirements and conditions contained herein, and as further directed or approved by the State's Inspector, Ralph Yanzon, telephone number (619) 718-7894, cell number (858) 688-1458.

The State's Inspector shall be notified seven working days prior to starting work.

Working hours shall be 9:00 p.m. to 5:00 a.m., Sunday through Thursday, or as directed or approved by the State's Inspector.

No vehicles or equipment shall be parked within the highway right of way at any time, except for those vehicles or that equipment actually engaged in the work, during the working hours specified herein.

(CONTINUED)

THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER

The following attachments are also included as part of this permit (Check applicable):

- Yes No General Provisions
- Yes No Utility Maintenance Provisions
- Yes No Special Provisions
- Yes No A Cal-OSHA permit, if required; Permit No. _____
- Yes No As-Built Plans Submittal Route Sllp for Locally Advertised Projects
- Yes No Water Pollution Control Plan

In addition to fee, the permittee will be billed actual costs for:

- Yes No Review
- Yes No Inspection
- Yes No Field Work

(If any Caltrans effort expended)

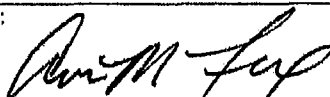
Yes No The information in the environmental documentation has been reviewed and is considered prior to approval of this permit.

This permit is void unless the work is complete before **MARCH 31, 2015.**

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized. No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

WMD:wmd
 cc: Permits
 BStInnett, Reg. Mgr.
 RYanzon, Inspector
 Permittee
 Contractor

APPROVED:

 Laurie Berman, District Director
 BY: 
 Ann M. Fox, District Permit Engineer

**CITY OF SAN DIEGO
11-13-NTK-0679
JANUARY 13, 2014
PAGE TWO**

Permittee's Contractor is responsible for the actual cost of inspection, which may be more or less than the deposit. A bill or refund shall be sent upon satisfactory completion of the work. Payment of any bill is a condition of the permit.

Notwithstanding General Provision No. 4, your contractor is required to apply for and obtain an encroachment permit prior to starting work. A permit inspection deposit fee of \$902.00 will be required upon submittal of the application to perform the work.

The State of California, Department of Transportation, makes no assurance or expressed warranty that the plans are complete or that the planned construction fits field conditions. Should additional work or modifications of the work be required in order to meet established Department Standards or in order to fit field conditions, the work shall be performed by Permittee as directed by the State's Inspector at no cost to the State.

All work shall be coordinated with the State highway contractor's operations and under no circumstances shall the work granted herein interfere. All standards of construction shall be identical to similar work performed under adjacent highway contract.

Traffic control when permitted or directed by the State's Inspector, shall consist of closing traffic lanes and shoulders in accordance with Part 6 of the January, 2012 edition of the California Manual on Uniform Traffic Control Devices (California MUTCD), the provisions of Section 12, "Temporary Traffic Control," of the Standard Specifications, and these special provisions, including the attached TRAFFIC CONTROL SYSTEM, RSP T9, RSP T10, RSP T11 and the attached TRAFFIC CONTROL PLANS.

If any component in the traffic control system is displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Permittee shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

The provisions in this section will not relieve the Permittee from his responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.04, of the Standard Specifications.

Upon completion of the work, the attached card shall be completed and returned.

The following District Standard Special Provisions are generalizations of the Department Standard Specifications and are included only as a Permittee convenience. Permittee's attention is directed to the current Department Standard Specifications for complete, unabridged, specification requirements.

Once begun, that portion of the work within the State Highway right of way shall be prosecuted to completion as rapidly as possible.

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11-13-NTK-0679
JANUARY 13, 2014
PAGE THREE

All personnel on foot within the State Highway right of way shall wear personal protective equipment, including safety glasses, hard hats and American National Standards Institute (ANSI) compliant Class II vests. In addition, all personnel working at night, on foot within the State Highway right of way shall wear ANSI Class III warning garments.

The Permittee is responsible for locating and protecting all utilities both underground and aerial. Any costs incurred for locating and protecting and/or relocating any utilities shall be borne by the Permittee.

STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION
ENCROACHMENT PERMIT GENERAL PROVISIONS
TR-0045 (REV. 05/2007)

1. **AUTHORITY:** The Department's authority to issue encroachment permits is provided under, Div. 1, Chpt. 3, Art. 1, Sect. 660 to 734 of the Streets and Highways Code.
2. **REVOCATION:** Encroachment permits are revocable on five days notice unless otherwise stated on the permit and except as provided by law for public corporations, franchise holders, and utilities. These General Provisions and the Encroachment Permit Utility Provisions are subject to modification or abrogation at any time. Permittees' joint use agreements, franchise rights, reserved rights or any other agreements for operating purposes in State highway right of way are exceptions to this revocation.
3. **DENIAL FOR NONPAYMENT OF FEES:** Failure to pay permit fees when due can result in rejection of future applications and denial of permits.
4. **ASSIGNMENT:** No party other than the permittee or permittee's authorized agent is allowed to work under this permit.
5. **ACCEPTANCE OF PROVISIONS:** Permittee understands and agrees to accept these General Provisions and all attachments to this permit, for any work to be performed under this permit.
6. **BEGINNING OF WORK:** When traffic is not impacted (see Number 35), the permittee shall notify the Department's representative, two (2) days before the intent to start permitted work. Permittee shall notify the Department's Representative if the work is to be interrupted for a period of five (5) days or more, unless otherwise agreed upon. All work shall be performed on weekdays during regular work hours, excluding holidays, unless otherwise specified in this permit.
7. **STANDARDS OF CONSTRUCTION:** All work performed within highway right of way shall conform to recognized construction standards and current Department Standard Specifications, Department Standard Plans High and Low Risk Facility Specifications, and Utility Special Provisions. Where reference is made to "Contractor and Engineer," these are amended to be read as "Permittee and Department representative."
8. **PLAN CHANGES:** Changes to plans, specifications, and permit provisions are not allowed without prior approval from the State representative.
9. **INSPECTION AND APPROVAL:** All work is subject to monitoring and inspection. Upon completion of work, permittee shall request a final inspection for acceptance and approval by the Department. The local agency permittee shall not give final construction approval to its contractor until final acceptance and approval by the Department is obtained.
10. **PERMIT AT WORKSITE:** Permittee shall keep the permit package or a copy thereof, at the work site and show it upon request to any Department representative or law enforcement officer. If the permit package is not kept and made available at the work site, the work shall be suspended.
11. **CONFLICTING ENCROACHMENTS:** Permittee shall yield start of work to ongoing, prior authorized, work adjacent to or within the limits of the project site. When existing encroachments conflict with new work, the permittee shall bear all cost for rearrangements, (e.g., relocation, alteration, removal, etc.).
12. **PERMITS FROM OTHER AGENCIES:** This permit is invalidated if the permittee has not obtained all permits necessary and required by law, from the Public Utilities Commission of the State of California (PUC), California Occupational Safety and Health Administration (Cal-OSHA), or any other public agency having jurisdiction.
13. **PEDESTRIAN AND BICYCLIST SAFETY:** A safe minimum passageway of 4' shall be maintained through the work area at existing pedestrian or bicycle facilities. At no time shall pedestrians be diverted onto a portion of the street used for vehicular traffic. At locations where safe alternate passageways cannot be provided, appropriate signs and barricades shall be installed at the limits of construction and in advance of the limits of construction at the nearest crosswalk or intersection to detour pedestrians to facilities across the street. Attention is directed to Section 7-1.09 Public Safety of the Department Standard Specifications.
14. **PUBLIC TRAFFIC CONTROL:** As required by law, the permittee shall provide traffic control protection warning signs, lights, safety devices, etc., and take all other measures necessary for traveling public's safety. While providing traffic control, the needs and control of all road users [motorists, bicyclists and pedestrians, including persons with disabilities in accordance with the Americans with Disabilities Act of 1990 (ADA)] shall be an essential part of the work activity.

Day and night time lane closures shall comply with the California Manual on Uniform Traffic Control Devices (Part 6, Temporary Traffic Control), Standard Plans, and Standard Specifications for traffic control systems. These General Provisions are not intended to impose upon the permittee, by third parties, any duty or standard of care, greater than or different from, as required by law.
15. **MINIMUM INTERFERENCE WITH TRAFFIC:** Permittee shall plan and conduct work so as to create the least possible inconvenience to the traveling public; traffic shall not be unreasonably delayed. On conventional highways, permittee shall place properly attired flagger(s) to stop or warn the traveling public in compliance with the California Manual on Uniform Traffic Control Devices (Chapter 6E, Flagger Control).
16. **STORAGE OF EQUIPMENT AND MATERIALS:** The storage of equipment or materials is not allowed within State highway right-of-way, unless specified within the Special Provisions of this specific encroachment permit. If Encroachment Permit Special Provisions allow for the storage of equipment or materials within the State right of way, the equipment and material storage shall comply with Standard Specifications, Standard Plans, Special Provisions, and the Highway Design Manual. The clear recovery zone widths must be followed and are the minimum desirable for the type of facility indicated below: freeways and expressways - 30', conventional highways (no curbs) - 20', conventional highways (with curbs) - 15'. If a fixed object cannot be eliminated, moved outside the clear recovery zone, or modified to be made yielding, it should be shielded by a guardrail or a crash cushion.
17. **CARE OF DRAINAGE:** Permittee shall provide alternate drainage for any work interfering with an existing drainage facility in compliance with the Standard Specifications, Standard Plans and/or as directed by the Department's representative.
18. **RESTORATION AND REPAIRS IN RIGHT OF WAY:** Permittee is responsible for restoration and repair of State highway right of way resulting from permitted work (State Streets and Highways Code, Sections 670 et. seq.).

19. **RIGHT OF WAY CLEAN UP:** Upon completion of work, permittee shall remove and dispose of all scraps, brush, timber, materials, etc, off the right of way. The aesthetics of the highway shall be as it was before work started.
20. **COST OF WORK:** Unless stated in the permit, or a separate written agreement, the permittee shall bear all costs incurred for work within the State right of way and waives all claims for indemnification or contribution from the State.
21. **ACTUAL COST BILLING:** When specified in the permit, the Department will bill the permittee actual costs at the currently set hourly rate for encroachment permits.
22. **AS-BUILT PLANS:** When required, permittee shall submit one (1) set of folded as-built plans within thirty (30) days after completion and approval of work in compliance with requirements listed as follows:
1. Upon completion of the work provided herein, the permittee shall send one vellum or paper set of As-Built plans, to the State representative. Mylar or paper sepipla plans are not acceptable.
 2. All changes in the work will be shown on the plans, as issued with the permit, including changes approved by Encroachment Permit Rider.
 3. The plans are to be stamped or otherwise noted AS-BUILT by the permittee's representative who was responsible for overseeing the work. Any original plan that was approved with a State stamp, or Caltrans representative signature, shall be used for producing the As-Built plans.
 4. If As-Built plans include signing or striping, the dates of signing or striping removal, relocation, or installation shall be shown on the plans when required as a condition of the permit. When the construction plans show signing and striping for staged construction on separate sheets, the sheet for each stage shall show the removal, relocation or installation dates of the appropriate staged striping and signing.
 5. As-Built plans shall contain the Permit Number, County, Route, and Post Mile on each sheet.
 6. Disclaimer statement of any kind that differ from the obligations and protections provided by Sections 6735 through 6735.6 of the California Business and Professions Code, shall not be included on the As-Built plans. Such statements constitute non-compliance with Encroachment Permit requirements, and may result in the Department of Transportation retaining Performance Bonds or deposits until proper plans are submitted. Failure to comply may also result in denial of future permits, or a provision requiring a public agency to supply additional bonding.
23. **PERMITS FOR RECORD PURPOSES ONLY:** When work in the right of way is within an area under a Joint Use Agreement (JUA) or a Consent to Common Use Agreement (CCUA), a fee exempt permit is issued to the permittee for the purpose of providing a notice and record of work. The Permittee's prior rights shall be preserved without the intention of creating new or different rights or obligations. "Notice and Record Purposes Only" shall be stamped across the face of the permit.
24. **BONDING:** The permittee shall file bond(s), in advance, in the amount set by the Department. Failure to maintain bond(s) in full force and effect will result in the Department stopping of all work and revoking permit(s). Bonds are not required of public corporations or privately owned utilities, unless permittee failed to comply with the provision and conditions under a prior permit. The surety company is responsible for any latent defects as provided in California Code of Civil Procedures, Section 337.15. Local agency permittee shall comply with requirements established as follows: In recognition that project construction work done on State property will not be directly funded and paid by State, for the purpose of protecting stop notice claimants and the interests of State relative to successful project completion, the local agency permittee agrees to require the construction contractor furnish both a payment and performance bond in the local agency's name with both bonds complying with the requirements set forth in Section 3-1.02 of State's current Standard Specifications before performing any project construction work. The local agency permittee shall defend, indemnify, and hold harmless the State, its officers and employees from all project construction related claims by contractors and all stop notice or mechanic's lien claimants. The local agency also agrees to remedy, in a timely manner and to State's satisfaction, any latent defects occurring as a result of the project construction work.
25. **FUTURE MOVING OF INSTALLATIONS:** Permittee understands and agrees to relocate a permitted installation upon notice by the Department. Unless under prior property right or agreement, the permittee shall comply with said notice at his sole expense.
26. **ARCHAEOLOGICAL/HISTORICAL:** If any archaeological or historical resources are revealed in the work vicinity, the permittee shall immediately stop work, notify the Department's representative, retain a qualified archaeologist who shall evaluate the site, and make recommendations to the Department representative regarding the continuance of work.
27. **PREVAILING WAGES:** Work performed by or under a permit may require permittee's contractors and subcontractors to pay appropriate prevailing wages as set by the Department of Industrial Relations. Inquiries or requests for interpretations relative to enforcement of prevailing wage requirements are directed to State of California Department of Industrial Relations, 525 Golden Gate Avenue, San Francisco, California 94102.
28. **RESPONSIBILITY FOR DAMAGE:** The State of California and all officers and employees thereof, including but not limited to the Director of Transportation and the Deputy Director, shall not be answerable or accountable in any manner for injury to or death of any person, including but not limited to the permittee, persons employed by the permittee, persons acting in behalf of the permittee, or for damage to property from any cause. The permittee shall be responsible for any liability imposed by law and for injuries to or death of any person, including but not limited to the permittee, persons employed by the permittee, persons acting in behalf of the permittee, or for damage to property arising out of work, or other activity permitted and done by the permittee under a permit, or arising out of the failure on the permittee's part to perform his obligations under any permit in respect to maintenance or any other obligations, or resulting from defects or obstructions, or from any cause whatsoever during the progress of the work, or other activity or at any subsequent time, work or other activity is being performed under the obligations provided by and contemplated by the permit.
- The permittee shall indemnify and save harmless the State of California, all officers, employees, and State's contractors, thereof, including but not limited to the Director of Transportation and the Deputy Director, from all claims, suits or actions of every name, kind and description brought for or on account of injuries to or death of any person, including but not limited to the permittee, persons employed by the permittee, persons acting in behalf of the permittee and the public, or damage to property resulting from the performance of work or other activity under the permit, or arising out of the failure on the permittee's part to perform his obligations under any permit in respect to maintenance or any other obligations, or resulting from defects or obstructions, or from any cause whatsoever during the progress of the work, or other activity or at any subsequent time, work or other activity is being performed under the obligations provided by and contemplated by the permit, except as otherwise provided by statute.

The duty of the permittee to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code. The permittee waives any and all rights to any type of expressed or implied indemnity against the State, its officers, employees, and State contractors. It is the intent of the parties that the permittee will indemnify and hold harmless the State, its officers, employees, and State's contractors, from any and all claims, suits or actions as set forth above regardless of the existence or degree of fault or negligence, whether active or passive, primary or secondary, on the part of the State, the permittee, persons employed by the permittee, or acting on behalf of the permittee.

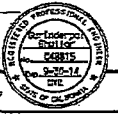
For the purpose of this section, "State's contractors" shall include contractors and their subcontractors under contract to the State of California performing work within the limits of this permit.

29. **NO PRECEDENT ESTABLISHED:** This permit is issued with the understanding that it does not establish a precedent.
30. **FEDERAL CIVIL RIGHTS REQUIREMENTS FOR PUBLIC ACCOMMODATION:**
A. The permittee, for himself, his personal representative, successors in interest, and assigns as part of the consideration hereof, does hereby covenant and agree that:
1. No person on the grounds of race, color, or national origin shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
2. That in connection with the construction of any improvements on said lands and the furnishings of services thereon, no discrimination shall be practiced in the selection and retention of first-tier subcontractors in the selection of second-tier subcontractors.
3. That such discrimination shall not be practiced against the public in their access to and use of the facilities and services provided for public accommodations (such as eating, sleeping, rest, recreation), and operation on, over, or under the space of the right of way.
4. That the permittee shall use the premises in compliance with all other requirements imposed pursuant to Title 15, Code of Federal Regulations, Commerce and Foreign Trade, Subtitle A, Office of the Secretary of Commerce, Part 8 (15 C.F.R. Part 8) and as said Regulations may be amended.
5. That in the event of breach of any of the above nondiscrimination covenants, the State shall have the right to terminate the permit and to re-enter and repossess said land and the land and the facilities thereon, and hold the same as if said permit had never been made or issued.
31. **MAINTENANCE OF HIGHWAYS:** The permittee agrees, by acceptance of a permit, to properly maintain any encroachment. This assurance requires the permittee to provide inspection and repair any damage, at permittee's expense, to State facilities resulting from the encroachment.
32. **SPECIAL EVENTS:** In accordance with subdivision (a) of Streets and Highways Code Section 682.5, the Department of Transportation shall not be responsible for the conduct or operation of the permitted activity, and the applicant agrees to defend, indemnify, and hold harmless the State and the city or county against any and all claims arising out of any activity for which the permit is issued.
- The permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act of 1990 in the conduct of the event, and further agrees to indemnify and save harmless the State of California, all officers and employees thereof, including but not limited to the Director of Transportation, from any claims or liability arising out of or by virtue of said Act.
33. **PRIVATE USE OF RIGHT OF WAY:** Highway right of way shall not be used for private purposes without compensation to the State.

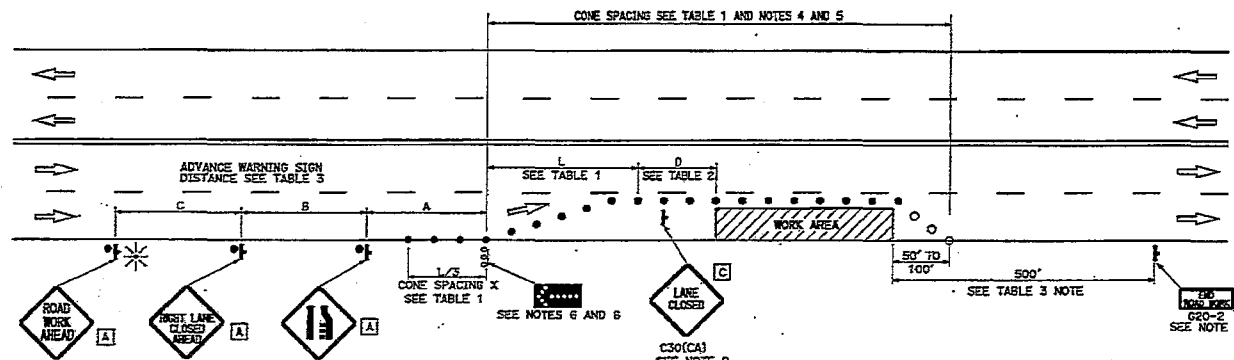
The gifting of public property use and therefore public funds is prohibited under the California Constitution, Article 16.

34. **FIELD WORK REIMBURSEMENT:** Permittee shall reimburse State for field work performed on permittee's behalf to correct or remedy hazards or damaged facilities, or clear debris not attended to by the permittee.
35. **NOTIFICATION OF DEPARTMENT AND TMC:** The permittee shall notify the Department's representative and the Transportation Management Center (TMC) at least 7 days before initiating a lane closure or conducting an activity that may cause a traffic impact. A confirmation notification should occur 3 days before closure or other potential traffic impacts. In emergency situations when the corrective work or the emergency itself may affect traffic, TMC and the Department's representative shall be notified as soon as possible.
36. **SUSPENSION OF TRAFFIC CONTROL OPERATION:** The permittee, upon notification by the Department's representative, shall immediately suspend all lane closure operations and any operation that impedes the flow of traffic. All costs associated with this suspension shall be borne by the permittee.
37. **UNDERGROUND SERVICE ALERT (USA) NOTIFICATION:** Any excavation requires compliance with the provisions of Government Code Section 4216 et. seq., including, but not limited to notice to a regional notification center, such as Underground Service Alert (USA). The permittee shall provide notification at least 48 hours before performing any excavation work within the right of way.

STATE	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS



 REGISTERED CIVIL ENGINEER
 April 19, 2013
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF DRAWN COPIES OF THIS PLAN SHEET.



TYPICAL LANE CLOSURE




NOTES:

- Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A G20-2 "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious, or ends within a larger project's limits.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT" MILES, use a C20(CA) sign for the first advance warning sign.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
- Flashing arrow sign shall be either Type I or Type II.
- For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure on Freeways And Expressways" plan for lane closure details and requirements.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curves or on a horizontal curve.
- Place a C30(CA) sign every 2000' throughout length of lane closure.
- Median lane closures shall conform to the details as shown except that C20(CA) and W4-2L signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closure unless, otherwise directed by the Engineer.

NOTES:

See Revised Standard Plan RSP T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background. California codes are designated by (CA). Otherwise, Federal (FHWA) codes are shown.

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- † TEMPORARY TRAFFIC CONTROL SIGN
-  FLASHING ARROW SIGN (FAS)
-  FAS SUPPORT OR TRAILER
-  PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)


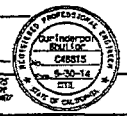
- A** 48" x 48"
- B** 36" x 18"
- C** 30" x 30"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 MULTILANE CONVENTIONAL
 HIGHWAYS**
 NO SCALE

RSP T11 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T11
 DATED MAY 20, 2011 - PAGE 239 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T11

2010 REVISED STANDARD PLAN RSP T11

DIST.	COUNTY	ROUTE	FROM MILES TOTAL PROJECT	TO MILES TOTAL PROJECT	TOTAL MILES
 REGISTERED CIVIL ENGINEER					
July 19, 2013 PLANS APPROVAL DATE					
					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SOMEWHAT COPIES OF THIS PLAN SHEET.</small>					

TO ACCOMPANY PLANS DATED _____

TABLE 1

SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT	MERGING	SHIFTING	SHOULDER	X	Y	Z **
	2L	L	L/2	L/3	TAPER	TANGENT	CONFLICT
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	55	110	27
60	1440	720	360	240	60	120	30
65	1560	780	390	260	65	130	32
70	1680	840	420	280	70	140	35

* - For other offsets, use the following merging taper length formula for L:
 For speed of 40 mph or less, $L = W^2/60$
 For speed of 45 mph or more, $L = WS$

Where: L = Taper length in feet

W = Width of offset in feet

S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

SPEED *	MIN D **	DOWNGRADE MIN D ***		
		-3%	-5%	-9%
		mph	ft	ft
20	115	115	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	448	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Longitudinal buffer space or flagger station spacing.

*** - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
	ft	ft	ft
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

2010 REVISED STANDARD PLAN RSP T9

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

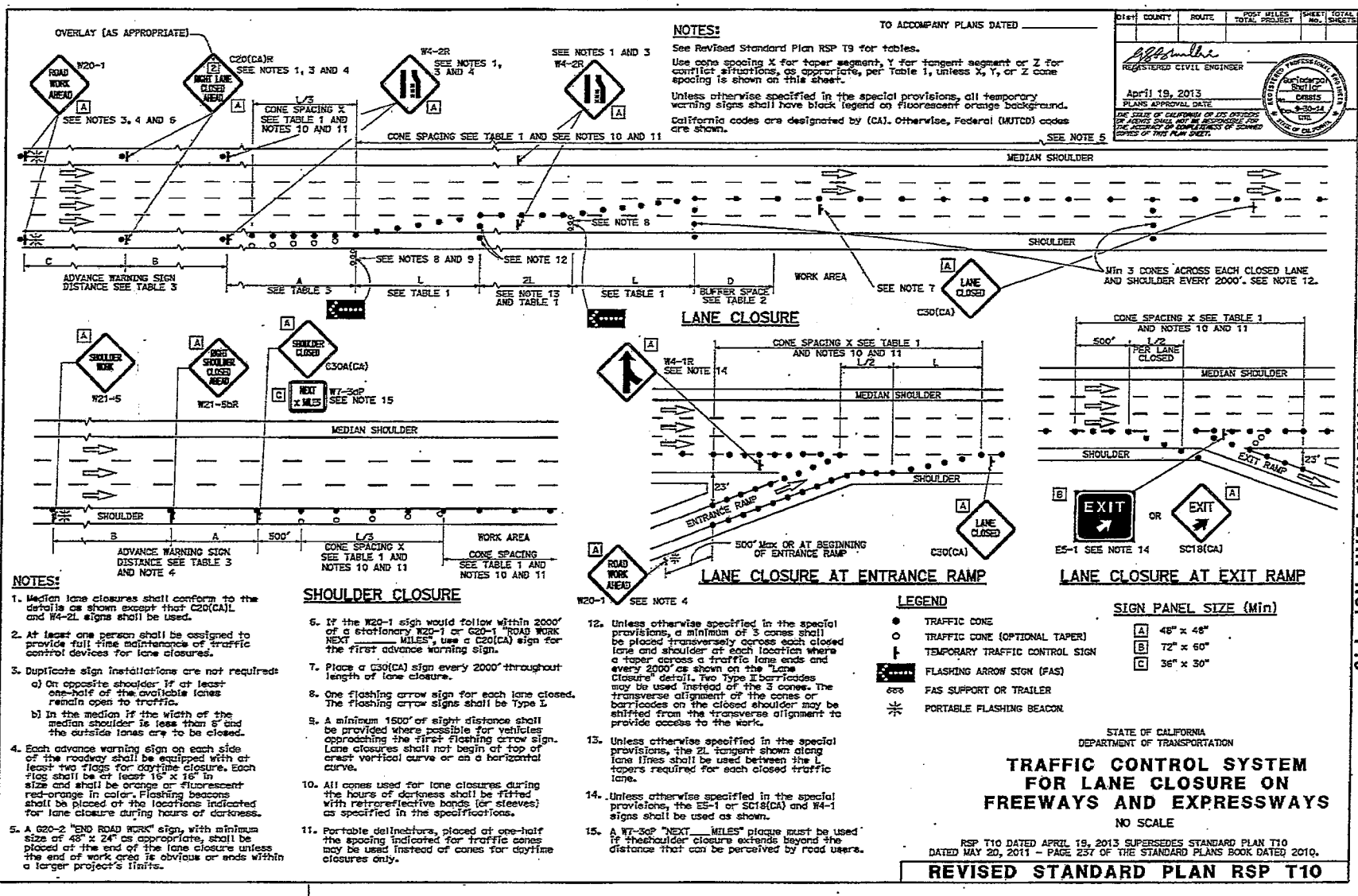
**TRAFFIC CONTROL SYSTEM TABLES
 FOR LANE AND RAMP CLOSURES**

NO SCALE

RSP T9 DATED JULY 19, 2013 SUPERSEDES RSP T9 DATED APRIL 19, 2013
 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T9

2010 REVISED STANDARD PLAN RSP T10



NOTES:
 TO ACCOMPANY PLANS DATED _____
 See Revised Standard Plan RSP T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background. California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

Dist:	COUNTY:	ROUTE:	POST MILES:	SHEET NO.:	TOTAL SHEETS:
			TOTAL PROJECT:		

REGISTERED CIVIL ENGINEER
 April 19, 2013
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF DIMENSIONS OR DIMENSIONS SHOWN ON THIS PLAN SHEET.

- NOTES:**
- Median lane closures shall conform to the details as shown except that C20(CA) and W4-2L signs shall be used.
 - At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
 - Duplicate sign installations are not required:
 - On opposite shoulder if at least one-half of the available lanes remain open to traffic.
 - In the median if the width of the median shoulder is less than 5' and the outside lanes are to be closed.
 - Each advance warning sign on each side of the roadway shall be equipped with at least two flags for daytime closure. Each flag shall be at least 18" x 18" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
 - A G20-2 "END ROAD WORK" sign, with minimum size of 48" x 24" as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within a larger project's limits.

- SHOULDER CLOSURE**
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT MILES", use a C20(CA) sign for the first advance warning sign.
 - Place a C30(CA) sign every 2000' throughout length of lane closure.
 - One flashing arrow sign for each lane closed. The flashing arrow signs shall be Type I.
 - A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at top of crest vertical curve or on a horizontal curve.
 - All cones used for lane closures during the hours of darkness shall be fitted with retro-reflective bands (or sleeves) as specified in the specifications.
 - Portable delineators, placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.

- Unless otherwise specified in the special provisions, a minimum of 3 cones shall be placed transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 2000' as shown on the "Lane Closure" detail. Two Type II barricades may be used instead of the 3 cones. The transverse alignment of the cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
- Unless otherwise specified in the special provisions, the 2L tangent shown along lane lines shall be used between the L tapers required for each closed traffic lane.
- Unless otherwise specified in the special provisions, the ES-1 or SC18(CA) and W4-1 signs shall be used as shown.
- A W4-3P "NEXT MILES" plaque must be used if the shoulder closure extends beyond the distance that can be perceived by road users.

- LEGEND**
- TRAFFIC CONE
 - TRAFFIC CONE (OPTIONAL TAPER)
 - ⊥ TEMPORARY TRAFFIC CONTROL SIGN
 - ⚡ FLASHING ARROW SIGN (FAS)
 - FAS SUPPORT OR TRAILER
 - ☼ PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)

A	48" x 48"
B	72" x 60"
C	36" x 30"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 FREEWAYS AND EXPRESSWAYS**
 NO SCALE
 RSP T10 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T10
 DATED MAY 20, 2011 - PAGE 237 OF THE STANDARD PLANS BOOK DATED 2010.
REVISED STANDARD PLAN RSP T10

APPENDIX G

SAMPLE PRIVATE PROPERTY AGREEMENT-WATER REPLUMB

AGREEMENT BETWEEN THE CITY AND THE PRIVATE PROPERTY OWNER TO CONSTRUCT A PRIVATE WATER SERVICE

The City of San Diego is constructing a new water main in the public right-of-way to replace the inaccessible main that currently serves your property in order to secure the health and safety of the citizenry. The name of the construction project improving the water serving your property is **Water Group 942**, Work Order/Document No. **WBS # B-11038**. As a result of the new water main construction, the City anticipates that on or about January 22nd, 2016 the existing water main servicing **5445 Kearny Villa Road, San Diego, CA 92123** will be abandoned and service will be terminated. In order to connect to the new water main, a new private water service must be constructed to service the Property.

In order to expedite construction of the new water main, the City will provide to the owner(s) of the Property [Property Owner(s)] construction of a new private water service at no cost in accordance with the terms and conditions of this Agreement. If the Property Owner(s) reject(s) the City's offer to construct a Lateral, the Property Owner(s) must personally secure the construction of a Lateral, and connection to the new water main, at Property Owner's(s)' own expense. Further, Property Owner(s) who fail to construct a Lateral or who do so incorrectly, and all other Property Owner(s) who reject the City's offer, are solely and fully responsible for any and all liability, claims, losses, damages, or injuries to any person or any other related facility.

To take advantage of the City's offer of construction at no expense to the Property Owner(s), the Property Owner(s) must return to the City an original copy of this Agreement, with notarized signatures from all Parties who have an ownership interest in the Property, to **Right of Way Design Division, Attn: Project Engineer Mahyar Navizi, 600 B Street, Suite 800, San Diego, CA 92101-4502** within thirty (30) days of its receipt. Failure to submit the signed Agreement within that time period constitutes a rejection of this Agreement, triggering all liability described above. The City may, in its sole discretion, accept the completed Agreement after the thirty days have elapsed. If the Property Owner(s) accept(s) the City's offer and the completed Agreement is accepted by the City, then the parties agree as follows:

- 1. Right to Enter.** Property Owner(s) authorize(s) the City, its officers, agents, employees, and independent contractors to enter upon the Property (APN# **369-100-11-00**) for the purpose of constructing a Private Water Service. This Right of Entry is limited in time and shall automatically expire three hundred and sixty-five (365) days from the date the Notice of Completion is filed under the applicable construction contract.
- 2. City to Hire Contractor.** The City will hire a licensed contractor to construct a Lateral, provided that money is first authorized by the City Council or Mayor as required by law. The Contractor will design the Lateral and obtain a building permit, if required, for this work.
- 3. Construction of Lateral.** Construction of the Lateral includes any and all equipment, facilities, and/or appurtenances necessary to secure adequate water service from the Property to the

new water main. The construction and equipment will include a Lateral, connection to the new main, and abandonment of the old private water service. The location and limits of this work will be substantially as shown on Exhibit A (drawing), incorporated herein by this reference, or as otherwise agreed to in writing by the parties.

4. Contractor Obligations. The Contractor will protect, shore, brace, support, and maintain all underground pipes, conduits, drains, and other underground construction uncovered or otherwise affected by the construction of the Lateral. The Contractor will restore those portions of existing improvements that are affected by construction operations to their original or practical equivalent condition, as determined by the City, including pavement, decorative pavers, driveways, curbs, walks, tile, minor structures, retaining walls, utility poles, guy wires, fences, lawns, shrubs, and trees. Mature landscaping will be replanted with a practical and commercially available replacement and the Property Owner(s) shall be responsible for, in perpetuity, all maintenance and watering necessary to insure growth from the date planted.

5. Damage or Injury During Construction. Property Owner(s) shall not be responsible for any damage to equipment or injury to the City's officers, agents, employees, or independent contractors incurred in performance of construction of the Lateral, except as caused by Property Owner's(s') negligence or willful misconduct.

6. Notification of Commencement. The Contractor will be responsible for notifying the occupants of the Property at least ten (10) working days before starting construction.

7. City Inspection of Work. Property Owner(s) shall allow City representatives to have reasonable access to the Property to verify that Contractor's work was performed in accordance with applicable State and local plumbing, building, and health regulations. The City will perform a final inspection of the Lateral to confirm construction and for the purpose of determining whether the Lateral complies with or violates any enactment or contains or constitutes a hazard to health and safety. The Property Owner(s) agree(s) that the City's approval is general approval only and that the Contractor is solely responsible for complying with all applicable laws, codes, and good construction practices.

8. Work Site Access and Condition. The Contractor will maintain pedestrian and vehicular access to the Property after working hours and as much as practical during working hours (7 a.m. to 3:30 p.m.). [If there are any changes to the working hours, the Contractor will notify the Property Owner(s) or occupants of the Property at least 48 hours in advance.] The Contractor will be required to keep the work site clean and free from rubbish and debris through all phases of construction. Upon completion of the work, the Contractor will remove all equipment, materials, and debris from the work site.

9. Warranty and Maintenance Obligations. After the City's final inspection, construction of the Lateral is considered complete. Upon completion, the Contractor will warrant the Contractor's work, guaranteeing for a period of one (1) year that the work is free from defects in workmanship or materials. The Contractor shall be responsible for any and all necessary work covered by the warranty during the warranty period. Any warranties available on pipe or other materials shall be provided by the Contractor and/or any manufacturer to the Property Owner(s). Upon completion, the Property Owner(s) shall bear full responsibility for any and all maintenance of the Lateral. In

addition, the Property Owner(s) shall bear full responsibility for any and all repairs of the Lateral, and any and all equipment, facilities, and/or appurtenances including, but not limited to, anything not covered by any available warranties and anything not covered after expiration of any available warranties.

10. Liability After Completion. Upon completion, the Property Owner(s) shall release and agree to hold the City harmless from any and all liability for any damages caused or claimed to be caused by the design, construction, maintenance, repair, or presence of the Lateral, and from any liability or claims by any person arising from any conditions discovered at the Property or arising as a result of work performed at the Property by the Contractor related to the subject matter of this Agreement. Under no circumstances shall the City be liable for any losses or damages, however caused, relating to the Lateral.

11. Section Headings. All captions and section headings are for convenience only and shall not affect the interpretation of this Agreement.

12. Counterparts. This Agreement may be executed in several counterparts. All counterparts collectively constitute one Agreement that is binding on all of the parties to this Agreement even though each of the signatory parties may have executed separate counterparts.

13. Authority to Execute. The parties signing this Agreement represent and warrant that they are legally authorized and competent to execute this Agreement.

14. Entire Understanding. This Agreement constitutes the entire agreement between the parties, and supersedes any and all prior understandings, representations, warranties, and agreements on this issue.

15. Covenant Running with the Land. The Agreement is a covenant running with the Property and shall be binding upon the Property Owner(s) and any Successor(s), and the interests of any Successor(s). The interests of any Successor(s) shall be subject to each and every condition set out in this Agreement and all referenced documents. Property Owner(s) agree to provide a copy of this Agreement to any prospective purchasers of the Property.

16. Notarization and Recording. This Agreement shall be executed in recordable form by the Property Owner(s) before a Notary Public. After this document has been fully executed by all of the parties, it shall be recorded by the City as an agreement affecting real property, in the Office of the Recorder of the County of San Diego, State of California.

IN WITNESS WHEREOF, this Agreement is executed by the City of San Diego, acting by and through its Mayor or designee, pursuant to the Mayor's delegation in accordance with San Diego City Charter section 265 authorizing such execution, and by the Property Owner(s).

PROPERTY OWNER(S)

THE CITY OF SAN DIEGO

By: _____

By: _____

Individual

Mayor or Designee

Trustee

Dated: _____

Other/Specify: _____

(Please Check **Only** One Box)

Dated: _____

Print Name/Title (if applicable)

By: _____

Individual

Trustee

Other/Specify: _____

(Please Check **Only** One Box)

Dated: _____

Print Name/Title (if applicable)

Print Name of Trust, Corporation, or other Entity
Holding Property (if
applicable): _____

Property Owner(s) Telephone
Number: _____

I HEREBY APPROVE the form and legality of the foregoing Agreement this _____ day
of _____, 20_____.

Jan I. Goldsmith, City Attorney

By: _____

Deputy City Attorney

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of _____

County of _____

On _____, before me, _____,

(Date)

(Name and Title of Officer, e.g. Jane Doe, Notary Public)

personally appeared _____,

(Name(s) of Signer(s))

personally known to me - OR - 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 signatures(s) on the instrument, the person(s) executed the instrument.

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

WITNESS my hand and official seal.

(Seal)

(Signature of Notary Public)

APPENDIX H
HAZARDOUS LABEL/FORMS

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 MO DAY YR DATE	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) <input type="checkbox"/> ACUTE OR IMMEDIATE (explain) _____ <input type="checkbox"/> CHRONIC OR DELAYED (explain) _____ <input type="checkbox"/> NOTKNOWN (explain) _____			
J	ADVICE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS			
K	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)			
L	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.

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 _____ TEL. NO. _____
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

APPENDIX I
LOCATION MAP

WATER GROUP JOB 942



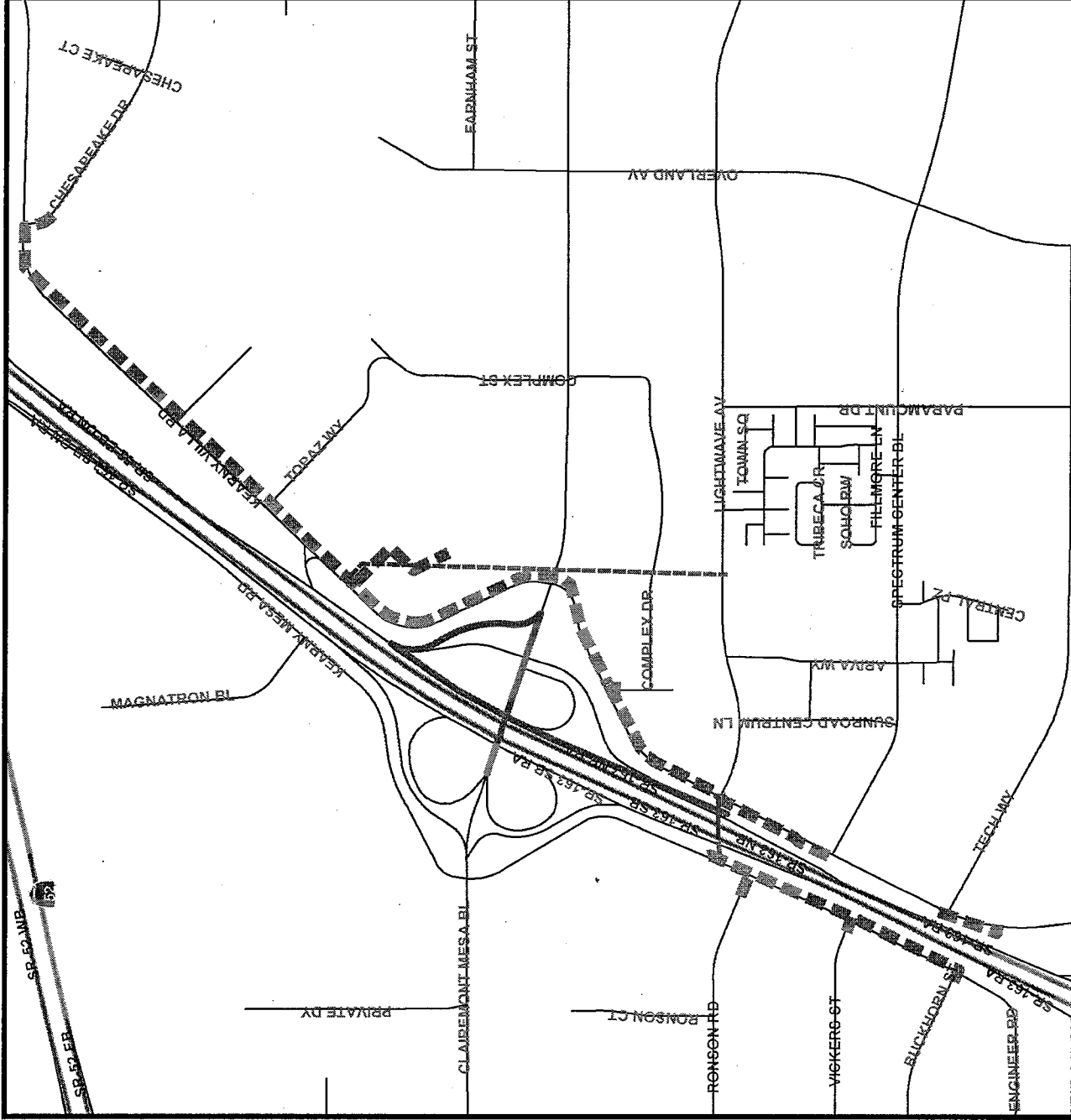
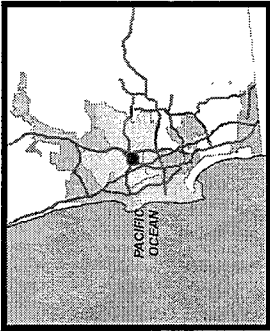
SENIOR ENGINEER
WENDY GAMBOA
(619) 235-1961

PROJECT ENGINEER
MAHYAR NAVIZI
(619) 235-1978

PROJECT MANAGER
JEFF SORIANO
(619) 533-4131

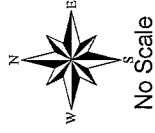
CONSTRUCTION PROJECT
INFORMATION LINE
619-533-4207

Right of Way Design Division



Legend

- Existing Water Line
- New Proposed Alignment
- Abandoned Line
- Proposed Water Line

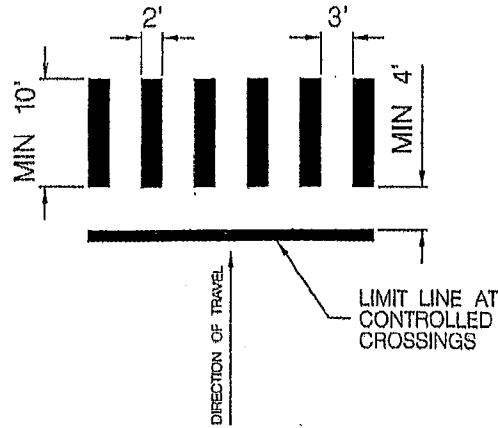


THIS MAP/DATA IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information from the SANDAG Regional Information System which cannot be reproduced without the written permission of SANDAG. This product may contain information reproduced with permission granted by RAND McNALLY & COMPANY® to 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.

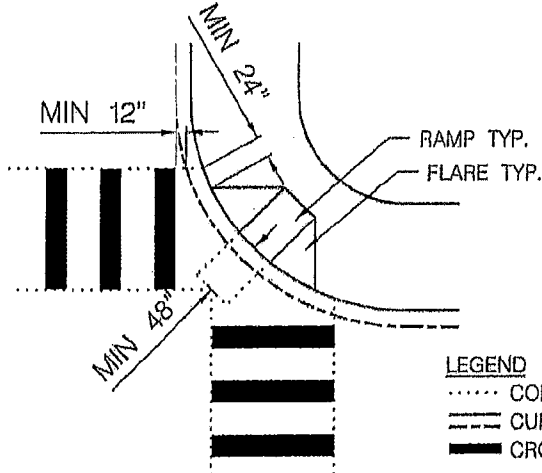


APPENDIX J
CONTINENTAL CROSSWALK

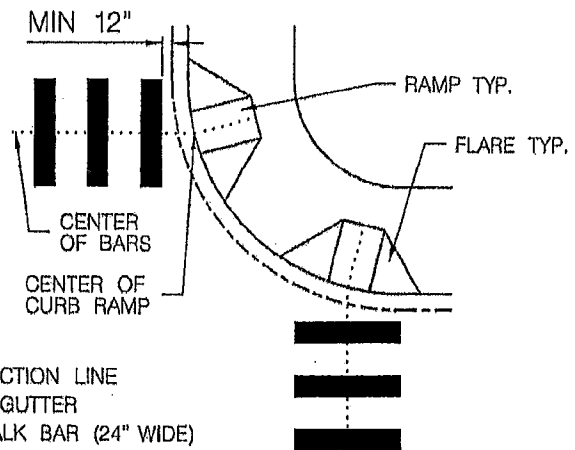
TYPICAL CONTINENTAL CROSSWALK MARKINGS



SINGLE RAMP CORNER



DUAL RAMP CORNER



LEGEND

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

GENERAL NOTES:

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

SHEET 1 OF 3

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

CITY OF SAN DIEGO -- STANDARD DRAWING

CONTINENTAL CROSSWALK MARKINGS LAYOUT AND NOTES

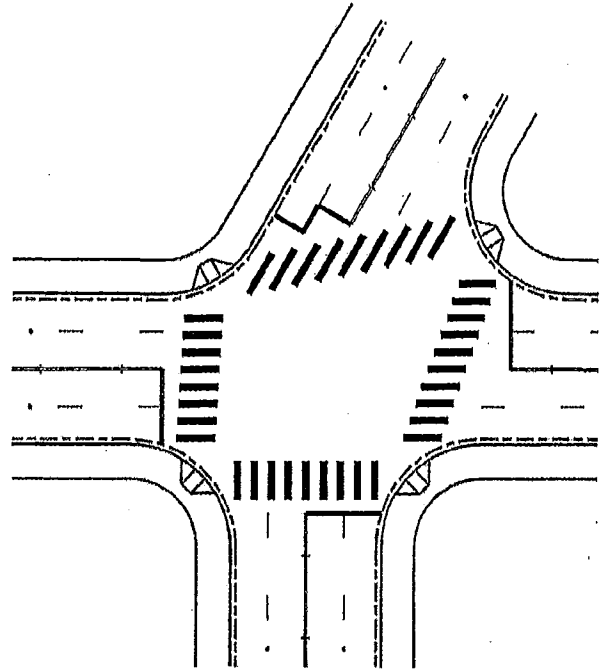
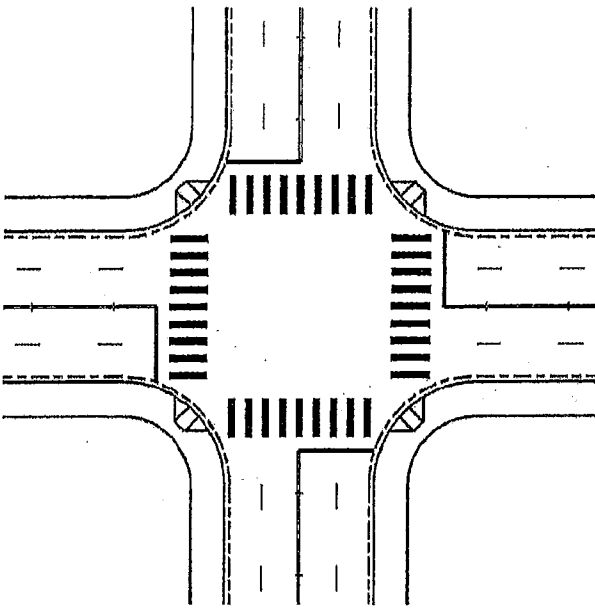
RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

Chrusca 2/5/2015
COORDINATOR R/S.E. 56523 DATE

DRAWING NUMBER **SDM-116**

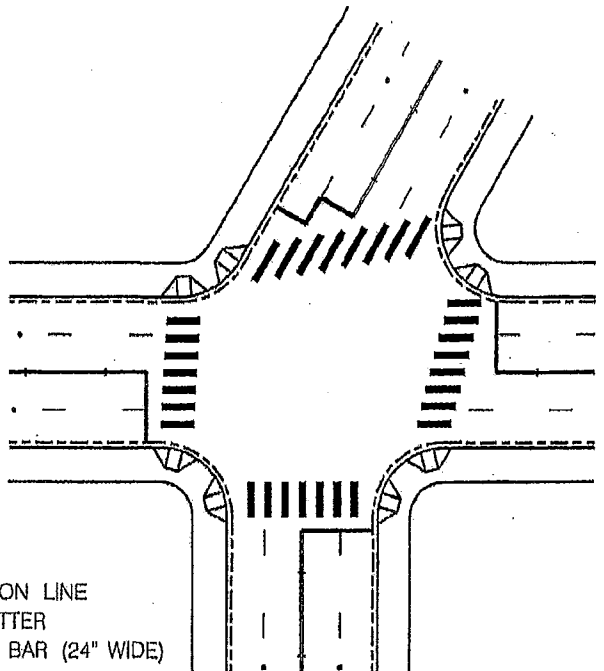
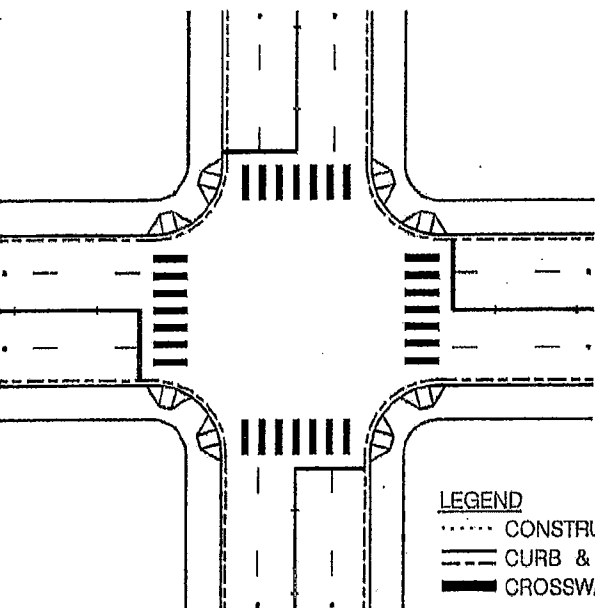
CASE 1 - SINGLE RAMP ORTHOGONAL

CASE 2 - SINGLE RAMP SKEWED



CASE 3 - DUAL RAMP ORTHOGONAL

CASE 4 - DUAL RAMP SKEWED



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

SHEET 2 OF 3

REVISION	BY	APPROVED	DATE
ORIGINAL	JF	J. NAGELVOORT	02/16

CITY OF SAN DIEGO - STANDARD DRAWING

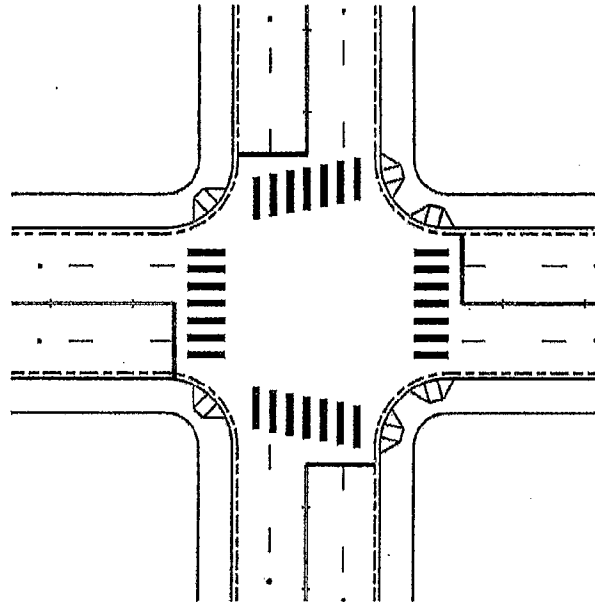
CONTINENTAL CROSSWALK MARKINGS LAYOUT AND NOTES

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

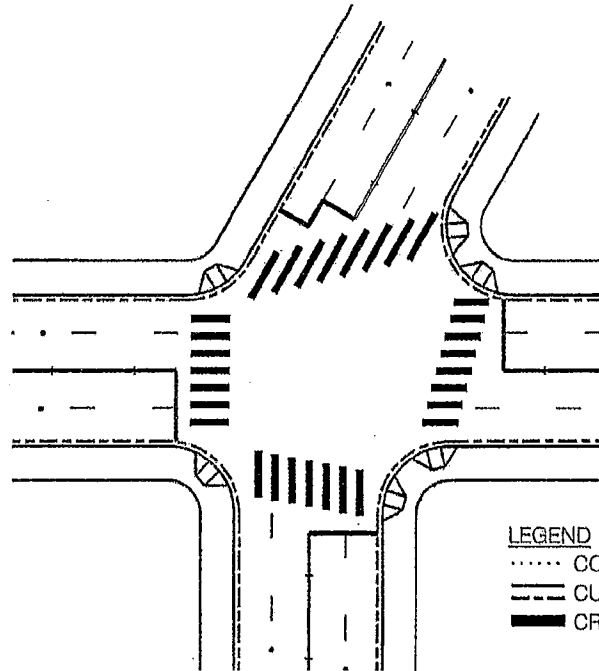
CR Dingler 2/6/2015
COORDINATOR C.E. 66623 DATE

DRAWING NUMBER **SDM-116**

CASE 5 - DUAL AND SINGLE RAMP ORTHOGONAL



CASE 6 - DUAL AND SINGLE RAMP SKEWED



LEGEND

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

SHEET 3 OF 3

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

CITY OF SAN DIEGO - STANDARD DRAWING

**CONTINENTAL CROSSWALK
MARKINGS LAYOUT AND NOTES**

RECOMMENDED BY THE CITY OF SAN DIEGO
STANDARDS COMMITTEE

C. D. D. D.
COORDINATOR 2/5/2015
DATE

DRAWING
NUMBER **SDM-116**

APPENDIX K
SAMPLE OF PUBLIC NOTICES

①

DIR
License A
MC

City of San Diego

CONTRACTOR'S NAME: KTA Construction Inc.
 ADDRESS: 81 Tavern Rd., Alpine, CA 91901
 TELEPHONE NO.: 619-502-9464 FAX NO.: 619-502-1185
 CITY CONTACT: ELEIDA FELIX YACKEL, Contract Specialist. Email: EFelixYackel@sandiego.gov
Phone No. (619) 533-3449, Fax No. (619) 533-3633
JSoriano/RW Bustamante/egz

CONTRACT DOCUMENTS



FOR

WATER GROUP 942

VOLUME 2 OF 2

BID NO.: K-15-1334-DBB-3
 SAP NO. (WBS/IO/CC): B-11038
 CLIENT DEPARTMENT: 2013
 COUNCIL DISTRICT: 6
 PROJECT TYPE: KA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

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

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

TABLE OF CONTENTS

DESCRIPTION

PAGE NUMBER

Volume 2 - Bidding Documents

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

1. Bid/Proposal.....	3
2. Bid Bond.....	6
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106	7
4. Contractors Certification of Pending Actions	8
5. Equal Benefits Ordinance Certification of Compliance.....	9
6. Proposal (Bid).....	10
7. Form AA35 - List of Subcontractors	17
8. Form AA40 - Named Equipment/Material Supplier List	18
9. Form AA45 - Subcontractors Additive/Deductive Alternate.....	19

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

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

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

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

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

IF A PARTNERSHIP, SIGN HERE:

- (1) Name under which business is conducted _____

BIDDING DOCUMENTS

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

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

Full Name and Character of partner

(4) Place of Business (Street & Number)

(5) City and State

Zip Code

(6) Telephone No.

Facsimile No.

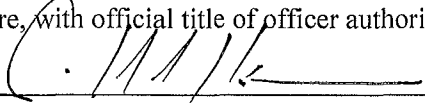
(7) Email Address

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted

KTA Construction Inc.

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



(Signature)

Paul M. Henderson

(Printed Name)

President

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of

California

(4) Place of Business (Street & Number)

821 Tavern Rd.

(5) City and State

Alpine, CA

Zip Code

91901

(6) Telephone No.

619-508-9404

Facsimile No.

619-508-1085

(7) Email Address

N/A

BIDDING DOCUMENTS

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

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

LICENSE CLASSIFICATION A

LICENSE NO. 398284 EXPIRES Jan 31 2017

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 100008298

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

TAX IDENTIFICATION NUMBER (TIN): [REDACTED]

Email Address: brincktaconstruction.com

THIS PROPOSAL MUST BE NOTARIZED BELOW:

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

Signature [Signature] Title President

SUBSCRIBED AND SWORN TO BEFORE ME, THIS _____ DAY OF _____,

Notary Public in and for the County of _____, State of _____

(NOTARIAL SEAL) See attached

CALIFORNIA JURAT

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)

Subscribed and sworn to (or affirmed) before me on this 15 day of JULY, 2015

by Paul M. Henderson

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature Brin Ragsdale



OPTIONAL

Description of Attached Document

Title or Type of Document: Water Group 042 Bid

Number of Pages: _____

Pg. 5

Document Date: _____

Other: _____

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 JUN 24 2015 before me, John Richard Flores JR., Notary Public,
Date Insert Name of Notary exactly as it appears on the official seal

personally appeared Sarah Myers
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/~~it~~/~~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.



Place Notary Seal Above

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 [Handwritten Signature]
Signature of Notary Public John Richard Flores JR.

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.

Description of Attached Document

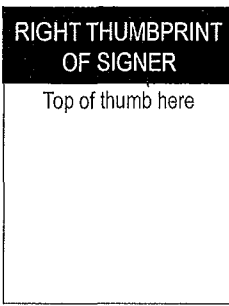
Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

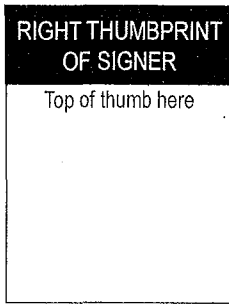
Capacity(ies) Claimed by Signer(s)

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



Signer is Representing:
Surety Company

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



Signer is Representing:



The Guarantee Company of North America USA
Southfield, Michigan

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS: That THE GUARANTEE COMPANY OF NORTH AMERICA USA, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Lawrence F. McMahon, Maria Vhanneza Guise, Sarah Myers, Charlotte Aquino, James D. Castle, Jennifer L. Clampert, Janice Martin
Alliant Insurance Services, Inc.

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon THE GUARANTEE COMPANY OF NORTH AMERICA USA as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of THE GUARANTEE COMPANY OF NORTH AMERICA USA at a meeting held on the 31st day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner - Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.



IN WITNESS WHEREOF, THE GUARANTEE COMPANY OF NORTH AMERICA USA has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 23rd day of February, 2012.

THE GUARANTEE COMPANY OF NORTH AMERICA USA

Stephen C. Ruschak, Vice President

Randall Musselman, Secretary

STATE OF MICHIGAN
County of Oakland

On this 23rd day of February, 2012 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of



Cynthia A. Takai
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 27, 2018
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

I, Randall Musselman, Secretary of THE GUARANTEE COMPANY OF NORTH AMERICA USA, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by THE GUARANTEE COMPANY OF NORTH AMERICA USA, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 24th day of June, 2015

Randall Musselman, Secretary

CALIFORNIA ALL PURPOSE 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 JULY 15, 2015 before me, Brin Ragsdale Notary
Public,

Date

(here insert name and title of the officer)

personally appeared Paul M. Henderson

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: Brin Ragsdale (Seal)

OPTIONAL

Description of Attached Document

Title or Type of Document: Water Group 947 Number of Pages: _____

Document Date: _____ Other: Bid Bond

BIDDING DOCUMENTS

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

State of California)) ss.

County of San Diego)

Paul M. Henderson, being first duly sworn, deposes and says that he or she is President of the party making the foregoing

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

Signed: [Signature]

Title: President

Subscribed and sworn to before me this ___ day of ___, 20__

Notary Public

(SEAL) See attached

CALIFORNIA JURAT

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)

Subscribed and sworn to (or affirmed) before me on this 15 day of July, 2015

by Paul M. Henderson

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature Brin Ragsdale



OPTIONAL

Description of Attached Document

Title or Type of Document: Non-Collusion Affidavit

Number of Pages: 2 Water Group 942

Document Date: _____

Other: _____

BIDDING DOCUMENTS

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

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

CHECK ONE BOX ONLY.



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

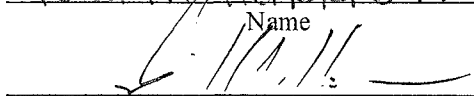


The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that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

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

Contractor Name: _____

Certified By Paul M. Henderson Title President


 Name
 Signature

Date 7/15/15

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **Water Group 942**, for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1.	1	LS	524126	2-4.1	Bonds (Payment and Performance)	 	\$ 32,000 ⁻
2.	1	AL		7-5.3	CalTrans Encroachment Permit - Type I	 	\$5,000.00
3.	1	LS	238990	7-9.1.1	Video Recording of Pre-existing Conditions	 	\$ 1,500 ⁻
4.	1	LS	237310	7-10.2.6	Traffic Control	 	\$ 25,000 ⁻
5.	1	LS	237310	7-10.2.6	Flashing Arrow Board	 	\$ 5,000 ⁻
6.	1	LS	237110	9-3.4.1	Mobilization	 	\$ 25,000 ⁻
7.	1	AL		9-3.5	Field Orders - Type II	 	\$175,000.00
8.	100	CY	237310	300-1.4	Additional Pavement Removal and Disposal	\$ 50 ⁰⁰	\$ 5,000 ⁻
9.	18,720	SF	237310	302-1.12	Cold Mill AC Pavement (0 - 1 1/2")	\$ 1 ⁰⁰	\$ 18,720 ⁻
10.	38	EA	237310	302-1.12	Traffic Detector Loop Replacement	\$ 500 ⁰⁰	\$ 19,000 ⁻
11.	19	TON	237310	302-3.2	Asphalt Pavement Repair	\$ 300 ⁻	\$ 5,700 ⁻

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
12.	563,879	SF	237310	302-4.12.4	Rubber Polymer Modified Slurry Type II and Striping	\$.32	\$ 180,441 ²⁸
13.	1,500	SF	237310	302-5.2.1	Pavement Restoration Adjacent to Trench	\$ 10 ⁰⁰	\$ 15,000
14.	1,028	TON	237310	302-5.9	1-1/2-Inch Asphalt Concrete Overlay and Striping	\$ 115 ⁰⁰	\$ 118,220
15.	20	CY	237310	302-6.8	Bus Stop Pad	\$ 500 ⁰⁰	\$ 10,000
16.	10,400	SY	237310	302-7.4	Pavement Fabric	\$ 3 ⁰⁰	\$ 31,200
17.	1,000	LB	237310	302-14.5	Crack Seal	\$ 8 ⁰⁰	\$ 8,000
18.	50	LF	237310	303-5.9	Additional Curb and Gutter	\$ 35 ⁰⁰	\$ 1,750
19.	400	SF	237310	303-5.9	Additional Sidewalk Removal and Replacement	\$ 10 ⁰⁰	\$ 4,000
20.	10	EA	237310	303-5.10.2	Curb Ramp Type A with Stainless Steel Detectable Warning Tiles	\$ 2,900 ⁰⁰	\$ 29,000
21.	2	EA	237310	303-5.10.2	Curb Ramp Type B with Stainless Steel Detectable Warning Tiles	\$ 2,900 ⁰⁰	\$ 5,800
22.	2	EA	237310	303-5.10.2	Curb Ramp Type C1 with Stainless Steel Detectable Warning Tiles	\$ 2,800 ⁰⁰	\$ 5,600
23.	1	EA	237310	303-5.10.2	Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles	\$ 2,900 ⁰⁰	\$ 2,900
24.	1	LS	237110	306-1.1.6	Trench Shoring	 	\$ 20,000
25.	140	CY	237110	306-1.2.1.1	Additional Bedding	\$ 75 ⁰⁰	\$ 10,500
26.	340	TON	237310	306-1.5.1	Temporary Resurfacing	\$ 110 ⁰⁰	\$ 37,400
27.	90	TON	237110	306-1.6	Imported Backfill	\$ 40 ⁰⁰	\$ 3,600

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
28.	940	LF	237110	306-1.6	12-Inch Water Main, Class 305	\$ 140 ⁰⁰	\$ 131,600 ⁻
29.	7,945	LF	237110	306-1.6	16-Inch Water Main, Class 305	\$ 150 ⁰⁰	\$ 1,191,750 ⁻
30.	53	EA	237110	306-1.6	Thrust Blocks	\$ 500 ⁰⁰	\$ 26,500 ⁻
31.	1	EA	237110	306-1.6	4-Inch Fire Service Connection	\$ 6000 ⁰⁰	\$ 6,000 ⁻
32.	7	EA	237110	306-1.6	6-Inch Fire Service Connection	\$ 7000 ⁰⁰	\$ 49,000 ⁻
33.	3	EA	237110	306-1.6	8-Inch Fire Service Connection	\$ 8,000 ⁰⁰	\$ 24,000 ⁻
34.	18	EA	237110	306-1.6	6-Inch Fire Hydrant Assembly & Marker	\$ 7100 ⁰⁰	\$ 127,800 ⁻
35.	35	EA	237110	306-1.6	16-Inch Butterfly Valve Class 250B	\$ 3300 ⁰⁰	\$ 115,500 ⁻
36.	18	EA	237110	306-1.6	12-Inch Gate Valve	\$ 3200 ⁰⁰	\$ 57,600 ⁻
37.	2	EA	237110	306-1.6	8-Inch Gate Valve	\$ 1700 ⁰⁰	\$ 3400 ⁻
38.	14	EA	237110	306-1.6	Water Valve Bypass for 16" (Including Valves and All Appurtenances)	\$ 8500 ⁰⁰	\$ 119,000 ⁻
39.	1	EA	237110	306-1.6	Water Valve Bypass for 36" (Including Valves, Appurtenances and All Cathodic Protection Per Detail A, Sheet 17)	\$ 30,000 ⁰⁰	\$ 30,000 ⁻
40.	8	EA	237110	306-1.9.3.4	1-Inch Water Service with Private Replumbing	\$ 8,000 ⁰⁰	\$ 64,000 ⁻
41.	1	EA	237110	306-1.9.3.4	4-Inch Fire Service with Private Replumbing (Including Backflow Preventor)	\$ 13,000 ⁰⁰	\$ 13,000 ⁻
42.	2	EA	237110	306-1.9.3.4	6-Inch Fire Service with Private Replumbing (Including Backflow Preventor)	\$ 16,500 ⁰⁰	\$ 33,000 ⁻

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
43.	8	EA	237110	306-5.3	Removal of Abandoned Water Meter Box	\$ 200 ⁰⁰	\$ 1,600 ⁰⁰
44.	6,858	LF	237110	306-5.3	Large Water Main Abandonment	\$ 6 ⁰⁰	\$ 41,148 ⁰⁰
45.	1	LS	237110	306-5.3	Removal or Abandonment of Existing Water Facilities	 	\$ 10,000 ⁰⁰
46.	26	EA	237110	306-14.1	1-Inch Water Service	\$ 3,500 ⁰⁰	\$ 91,000 ⁰⁰
47.	15	EA	237110	306-14.1	2-Inch Water Service	\$ 5,000 ⁰⁰	\$ 75,000 ⁰⁰
48.	2	EA	237110	306-14.1	2-Inch Water Service Transfer	\$ 2,000 ⁰⁰	\$ 4,000 ⁰⁰
49.	1	EA	237110	306-18	4-Inch Blowoff Valve Assembly	\$ 6,000 ⁰⁰	\$ 6,000 ⁰⁰
50.	2	EA	237110	306-19	2-Inch Air & Vacuum Valve	\$ 6,000 ⁰⁰	\$ 12,000 ⁰⁰
51.	3,290	SF	237110	314-4.4.6	Continental Crosswalk	\$ 3 ⁵⁰	\$ 11,515 ⁰⁰
52.	16,420	LF	237110	600-1.2.1.3	High-lining Removed by Contractor	\$ 19 ⁰⁰	\$ 311,980 ⁰⁰
53.	600	SF	237110	600-1.3.1.5	Pavement Restoration for City Forces Final Connection	\$ 10 ⁰⁰	\$ 6,000 ⁰⁰
54.	30	HOUR	238990	703-20	Monitoring of Petroleum Contaminated Soil	\$ 100 ⁰⁰	\$ 3,000 ⁰⁰
55.	100	TON	238990	703-20	Testing, Sampling Site Storage and Handling of Petroleum Contaminated Soil	\$ 35 ⁰⁰	\$ 3,500 ⁰⁰
56.	100	TON	238990	703-20	Loading, Transportation and Disposal of Petroleum Contaminated Soil	\$ 100 ⁰⁰	\$ 10,000 ⁰⁰
57.	1	LS	238990	703-20	Preparation of Hazardous Waste Management Plan and Reporting	 	\$ 5,000 ⁰⁰
58.	1	LS	238990	703-20	Community Health and Safety Plan	 	\$ 5,000 ⁰⁰

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
59.	1	LS	541330	701-13.9.5	Water Pollution Control Program Development	 	\$ 1,000 ⁻
60.	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation	 	\$ 5,000 ⁻
61.	265	LF	237110	708-6	Handling and Disposal of Non-friable Asbestos Material	\$ 10 ⁼⁼	\$ 2,650 ⁻
ESTIMATED TOTAL BASE BID:							\$ 3,167,092. ²⁸
ALTERNATE A							
1.	1	LS	541330	600-1.2.2.10	High-lining by Contractor	 	\$ 2,000,000 ⁻
2.	-16,420	LF	237110	600-1.2.1.3	High-lining Removed by Contractor (Base Bid Item 52)	\$ 1.90	\$ -31,195 ⁻
ESTIMATED TOTAL ALTERNATE A:							\$ 1,668,802 ⁻
ALTERNATE B							
1.	10	EA	237110	600-1.3.2.10	6-Inch Through 12-Inch Connections to the Existing System By Contractor	\$ 5,000 ⁻	\$ 50,000 ⁻
2.	9	EA	237110	600-1.3.2.10	16-Inch Connections to the Existing System By Contractor	\$ 6,000 ⁻	\$ 54,000 ⁻
3.	19	EA	237110	600-1.4.9	Cut and Plug of the Existing System By Contractor	\$ 3,000 ⁻	\$ 57,000 ⁻
ESTIMATED TOTAL ALTERNATE B:							\$ 161,000 ⁻
ESTIMATED TOTAL BASE BID PLUS ALTERNATE A PLUS ALTERNATE B:							\$ 3,496,894. ²⁸

MC

MC

MC

MC

TOTAL BID PRICE FOR BID (Items 1 through 61, PLUS Alternate A, Items 1 through 2 and Alternate B, Items 1 through 3, inclusive) amount written in words:

THREE MILLION FOUR HUNDRED NINETY SIX THOUSAND EIGHT HUNDRED NINETY FOUR DOLLARS AND 28/100

BIDDING DOCUMENTS

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: A

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

Paul M. Henderson

Marilyn L. Henderson

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

Bidder: Paul M. Henderson

Title: President

Business Address: 821 Tavern Rd. Alpine, CA 91901

Place of Business: " " " " " "

Place of Residence: 2403 Pence dr. El Cajon, CA 92019

Signature: [Signature]

BIDDING DOCUMENTS

NOTES:

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

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

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

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Statewide Stripes Inc.</u> Address: <u>Po Box 600710</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92160</u> Phone: <u>858-500-6887</u> Email: <u>david@statewidestripes.com</u>	Constructor	788286 C32	Striping	\$36,675.00	✓		
Name: <u>Cell-Creek Corp.</u> Address: <u>135 E. Railroad Ave.</u> City: <u>Mar Vista</u> State: <u>CA</u> Zip: <u>91016</u> Phone: Email: <u>traver@cell-creek.com</u>	Constructor	243404	Abandonment of Existing Utilities	\$26,655.00	✓		

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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		

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

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BIDDING DOCUMENTS

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Name: <u>Southwest Signal Service</u> Address: <u>3711 Raleigh Ave.</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92020</u> Phone: <u>(619) 447-3343</u> Email: <u>dlebeauesouthwestsignal.com</u>	Constructor	451115	Traffic loops	\$ 19,500.00	SLBE ELBE	City of SD	✓
Name: <u>JPS legal Video</u> Address: <u>455 S. Oakhurst dr. #60</u> City: <u>Beverly Hills</u> State: <u>CA</u> Zip: <u>90212</u> Phone: <u>310-809-0715</u> Email: <u>jpc@jpslegalvideo.com</u>	Services	N/A	Pre-construction video	\$ 1,005.00	SBE	CA	✓

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Name: <u>YBS Concrete Inc.</u> Address: <u>821 Kuhn Dr. #204</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91914</u> Phone: <u>(619) 211-6022</u> Email: <u>ybsconcrete@yahoo.com</u>	constructor	885270	concrete flat work	\$ 57,705.00	ELBE	CITY	✓
Name: <u>TJ Scanlan Construction</u> Address: <u>2328 Shaylene way</u> City: <u>Atano</u> State: <u>CA</u> Zip: <u>91901</u> Phone: <u>619-647-9002</u> Email: <u>tjscanlanecolnet</u>	constructor	757925	Asphalt paving HIGHWAY	\$ 312,501.00	ELBE	CITY	✓

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Name: <u>RAP Engineering Inc.</u> Address: <u>503 E. Mission Rd.</u> City: <u>San Marcos</u> State: <u>CA</u> Zip: <u>92009</u> Phone: <u>760-333-2780</u> Email: _____	Constructor	880956	AC Paving	\$ 248,934.00	SLBE ELBE	City	✓
Name: <u>G. Scott Asphalt, Inc.</u> Address: <u>358 Trousdale dr.</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-420-1854</u> Email: _____	Constructor	751836	Slurry Seal	\$ 137,600.00	SLBE	City	✓

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Name: <u>SOCLARIS CONTRACTING</u> Address: <u>7437 LOVELL CT.</u> City: <u>LA MESA</u> State: <u>CA</u> Zip: <u>91941</u> Phone: <u>619-465-3438</u> Email: <u>SOCLARIS@SBCGLOBAL.NET</u>	CONSTRUCTOR	793838	CONTAMINATED SOILS	\$18,700	# SLBE	CITY	✓
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

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- | | | | |
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- | | | | |
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NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

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

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

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

Bidder shall list all Subcontractors described in the Bidder's *Base Bid* whose percentage of work will increase or decrease if alternates are selected for award. Bidder shall also list additional Subcontractors not described in the Bidder's *Base Bid* who, as a result of the alternates, will perform work or labor, or render services, or specially fabricate and install a portion [type] of work or improvements in an amount in excess of 0.5%. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

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

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

ⓐ 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 | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

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

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

06/30/15

Date

Seal:



A. CHANGES TO CONTRACT DOCUMENTS

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

B. PLANS

1. To Plans, Drawings numbered 37476-01-D through 37476-23-D and Traffic Control Plans (TCP), numbered 37476-T1-D through 37476-T6-D, **DELETE** in their entirety and **REPLACE** with pages 4 through 32 of this Addendum.

James Nagelvoort, Director
Public Works Department

Dated: *June 30, 2015*
San Diego, California

JN/RWB/egz

WATER GROUP 942

CONTRACTOR'S RESPONSIBILITIES

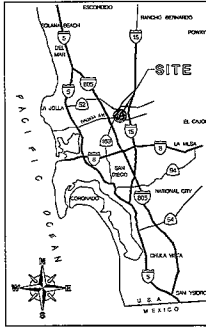
- PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (e.g. UNDER GROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INDUSTRY IDENTIFICATION NUMBER.
- NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES, 69 KV & HIGHER.
- EXCAVATE AROUND WATER METER BOX (I.E., CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING THE MAIN.
- CITY FORCES, WHERE CALLED OUT WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.
- KEEP EXISTING MAINS IN SERVICE IN LIEU OF HIGH-LINKING, UNLESS OTHERWISE SHOWN ON THE PLANS.
- THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- KEEP STORM DRAIN INLETS 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 RECORDED INFORMATION ONLY AND ARE SOLELY FOR YOUR CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA, PRIOR TO EXCAVATION, YOU MUST VERIFY ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 5-L.
- 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.
- FOR COORDINATION OF THE SHUTDOWN OF TRANSMISSION MAINS 16 INCHES AND LARGER, CONTACT THE CITY'S SENIOR WATER DISTRIBUTION OPERATIONS SUPERVISOR AT (619) 527-7465. FOR COORDINATION OF THE SHUTDOWN OF DISTRIBUTION MAINS (LESS THAN 16 INCHES), CONTACT THE CITY'S WATER OPERATION DISTRICT MANAGER AT (619) 527-3945.

LIMITS OF WORK

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE SIZE (IN)	MATERIAL	LENGTH (FT)
1	G-1	COVER SHEET	WATER			
2	C-1	KEARNY VILLA RD.	SPECTRUM CENTER BL TO STA 7+00.00	16	PVC	600.00
3	C-2	KEARNY VILLA RD.	STA 7+00.00 TO STA 14+00.00	16	PVC	700.00
4	C-3	KEARNY VILLA RD.	STA 14+00.00 TO STA 20+00.00	16	PVC	600.00
5	C-4	KEARNY VILLA RD.	STA 20+00.00 TO STA 26+00.00	16	PVC	600.00
6	C-5	KEARNY VILLA RD.	STA 26+00.00 TO STA 32+00.00	16	PVC	600.00
7	C-6	KEARNY VILLA RD.	STA 32+00.00 TO STA 39+00.00	16	PVC	700.00
8	C-7	KEARNY VILLA RD.	STA 39+00.00 TO STA 46+00.00	16	PVC	700.00
9	C-8	KEARNY VILLA RD.	STA 46+00.00 TO STA 53+00.00	16	PVC	700.00
10	C-9	KEARNY VILLA RD.	STA 53+00.00 TO STA 60+00.00	16	PVC	700.00
11	C-10	KEARNY VILLA RD.	STA 60+00.00 TO STA 64+67.11	16	PVC	467.11
	C-10	KEARNY VILLA RD.	STA 1+00.00 TO STA 3+48.40	16	PVC	248.40
12	C-11	KEARNY MESA RD.	STA 1+00.00 TO STA 9+00.00	16	PVC	800.00
13	C-12	KEARNY MESA RD.	STA 9+00.00 TO STA 14+30.04	16	PVC	530.04
	C-12	KEARNY MESA RD.	STA 14+30.04 TO STA 16+72.36	12	PVC	242.34
14	C-13	PRIVATE ROAD	STA 1+00.00 TO STA 7+97J3	12	PVC	697.13
15	C-14	CURB RAMP PLAN				
16	C-15	STREET RESURFACING PLAN				
17	C-16	WATER ABANDONMENT PLAN				
18	C-17	CITY FORCES				
19	C-18	REPLUMB DETAILS				
20	C-19	REPLUMB DETAILS				
21	C-20	STORM DRAIN AND INLET PLAN/ THRUST BLOCK TABLE				
22	C-21	CURB RAMP AND PARKING STRIPING DETAILS				
23	C-22	CURB RAMP DETAILS				
7-1 TO T-6		TRAFFIC CONTROL PLAN				
				TOTAL WATER	8,885.02	

DISCIPLINE CODE

- G GENERAL
- C CIVIL
- T TRAFFIC



VICINITY MAP
NOT TO SCALE

LEGEND

IMPROVEMENTS	STANDARD DRAWINGS	SYMBOL
TRENCH RESURFACING	SDG-107, SDG-108	
CUTTING, PLUGGING AND SLURRY FILLING ABANDONED WATER MAIN	WP-03	
SURVEY MONUMENT	M-10	
WATER MAIN & APPURTENANCES	SDW-10, SDW-146, SDW-151 SDW-151	
VALVES WITH CAPS AND WELLS	SDW-152, SDW-153, SDW-154 WV-05, SDW-155	
FIRE SERVICE CONNECTION & ASSEMBLY	SDW-109, SDW-108, SDW-148, SDW-152, SDW-153	
F WATER SERVICE UNLESS OTHERWISE SPECIFIED	SDW-107, SDW-154, SDW-155, SDW-156, SDW-157, SDW-148, WS-03, SDW-149, SDW-150	
REPLUMB WATER SERVICE	SDW-107, SDW-154, SDW-155, SDW-156, SDW-157, SDW-148, WS-03, SDW-149, SDW-150	
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT	SDW-104, SDW-105, SDW-143, SDW-151, SDW-153	
WATER SERVICE TRANSFER	SDW-145, SDW-150	
HIGHLINING BY CONTRACTOR	SDW-170, SDW-171, SDW-172, SDW-173	
BLOW-OFF ASSEMBLY	SDW-106, SDW-144, SDW-148 SDW-150, WS-05	
AIR & VACUUM VALVE	SDW-117, SDW-148 SDW-158, SDW-159	
REPLUMB FIRE SERVICE CONNECTION & ASSEMBLY WITH BACKFLOW PREVENTER	SDW-105, SDW-109 SDW-149, SDW-152 SDW-153	
BUS STOP SLAB	SDG-102	
STAMPED CONCRETE		
HIGHLINING BY CONTRACTOR FOR ADDITIONAL SYMBOLS SEE RESURFACING, CURB RAMP, AND TRAFFIC CONTROL SHEETS.	SDW-170, SDW-171, SDW-172, SDW-173	

STORM WATER PROTECTION

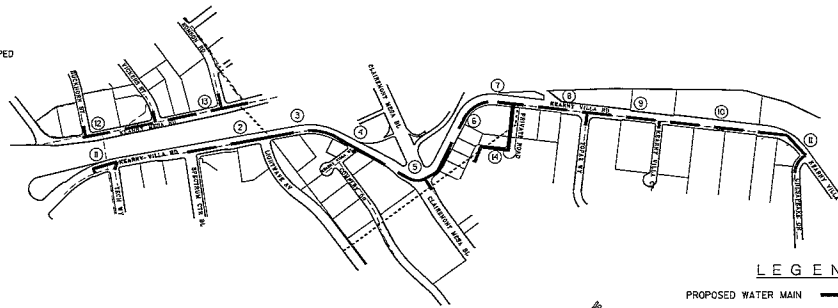
- THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. RW-2007 - 0001 AND RWCP.

ABBREVIATIONS

ABAND	ABANDON	EX, EXIST	EXISTING	PK	CROSS-LINKED POLYETHYLENE PIPE
ABAND'D	ABANDONED	E/O	EAST OF	RSC	REINFORCED CONCRETE STEEL CYLINDER
AC	ASBESTOS CEMENT PIPE	F	FLANGE	RED	REDUCER
AHD	AHEAD	GV	GATE VALVE	RT	RIGHT
ASSY	ASSEMBLY	HP	HIGH PRESSURE	S	SURVEY LINE
BIV	BUTTERFLY VALVE	IE	INVERT ELEVATION	SD	STORM DRAIN
BK	BACK	LT	LEFT	SO	SOUB OUT
BTRM	BETWEEN	MJ	MECHANICAL JOINT	S/O	SOUTH OF
CATV	CABLE TV	N/O	NORTH OF	SCRW	STEEL CYLINDER ROD WRAPPED
CI	CAST IRON PIPE	OWHD	OVER HEAD	SHR	SEWER
C	CENTER LINE	PE	POLYETHYLENE GAS	TEL	TELEPHONE
COND	CONDUIT	PPB	PEDESTRIAN PUSH BOTTON	UNK	UNKNOWN
CONT	CONTINUED	PVC	POLYVINYL CHLORIDE	VC	VITRIFIED CLAY PIPE
CONTR	CONTRACTOR	PROP	PROPOSED	WM	WATER METER
				WTR	WATER
				W/O	WEST OF

EXISTING STRUCTURES

EX WATER MAIN & VALVES	
EX WATER METER	
EX FIRE HYDRANT	
EX SEWER MAIN & MANHOLES	
EX STORM DRAIN INLET TC	
EX STORM DRAIN OUTLET TC	
EX DRAINS	
EX PAVEMENT (PROFILE)	
EX GROUND LINE (PROFILE)	
EX TRAFFIC SIGNAL	
EX STREET LIGHT	
GAS MAIN	
ELEC. COND., TEL. COND., CATV	
FIBER OPTIC CABLE LEVEL 3	



KEY MAP
NOT TO SCALE

LEGEND

PROPOSED WATER MAIN	
ABANDONED WATER MAIN	
SHEET NO.	2

NOTE:
IF ANY LENGTH OF DUCTILE IRON PIPE EXCEEDS 40 FEET IT IS TO BE INSTALLED INSTEAD OF THE CLASS 305 PVC PIPE. THE CORROSION SECTION SHALL BE NOTIFIED AT 619-527-5439 TO REVIEW ADDITIONAL CORROSION CONTROL REQUIREMENTS.

FIELD DATA

BENCHMARK: SEEP ELEV: 426.709 KEARNY VILLA CT BASE ON NVD 29 FT. AS SHOWN IN CITY OS SAN DIEGO BENCH BOOK.
FIELD NOTES: DAVIES, 8-1005, 3/3/20
DATUM: MEAN SEA LEVEL
STREETS REQUIRING 12" TRENCH CAP: KEARNY VILLA ROAD, KEARNY MESA ROAD

PLANS FOR THE CONSTRUCTION OF
WATER GROUP 942
COVER SHEET

AS-BUILT INFORMATION	
MATERIALS	MANUFACTURER
PIPE CL 305 (WATER)	-
GATE VALVES	-
FIRE HYDRANTS	-



CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 29 OF 23 SHEETS	WATER RES B-1038
DATE: 5/23/15	PROJECT MANAGER: JOTI SORIANO
PROJECT NAME: HENRY GAMBINO	PROJECT ENGINEER: MAHYAR NAMZI
DESCRIPTION BY APPROVED DATE FILED	SEE SHEETS
ORIGINAL: [Signature]	OSBY COOPERATIVE
ADDENDUM A: [Signature]	SEE SHEETS
CONTRACTOR: [Signature]	OSBY COOPERATIVE
DATE STARTED: [Signature]	37476-01-D
DATE COMPLETED: [Signature]	

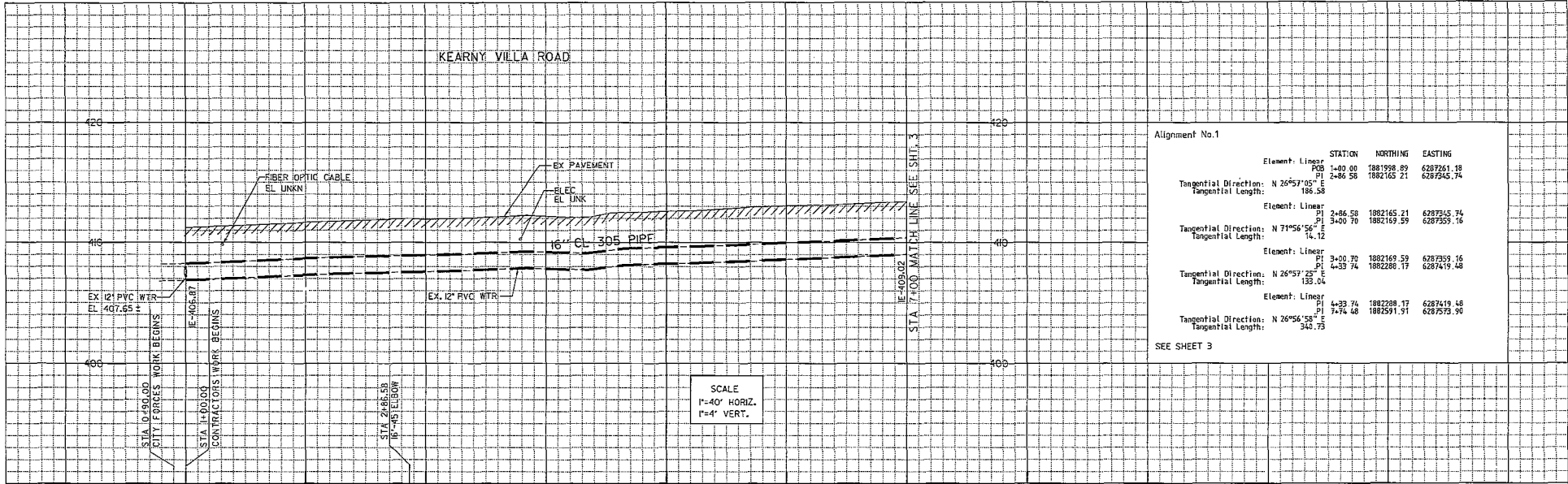
CITY OF SAN DIEGO
PUBLIC WORKS PROJECT



REPLACE ALL SHEETS TO MAKE 9-SIZE AND TEXT SEARCHABLE AND REPLACE ENTIRE TRAFFIC CONTROL PLAN

ADDENDUM A Page 4 of 32

WATER GROUP 942

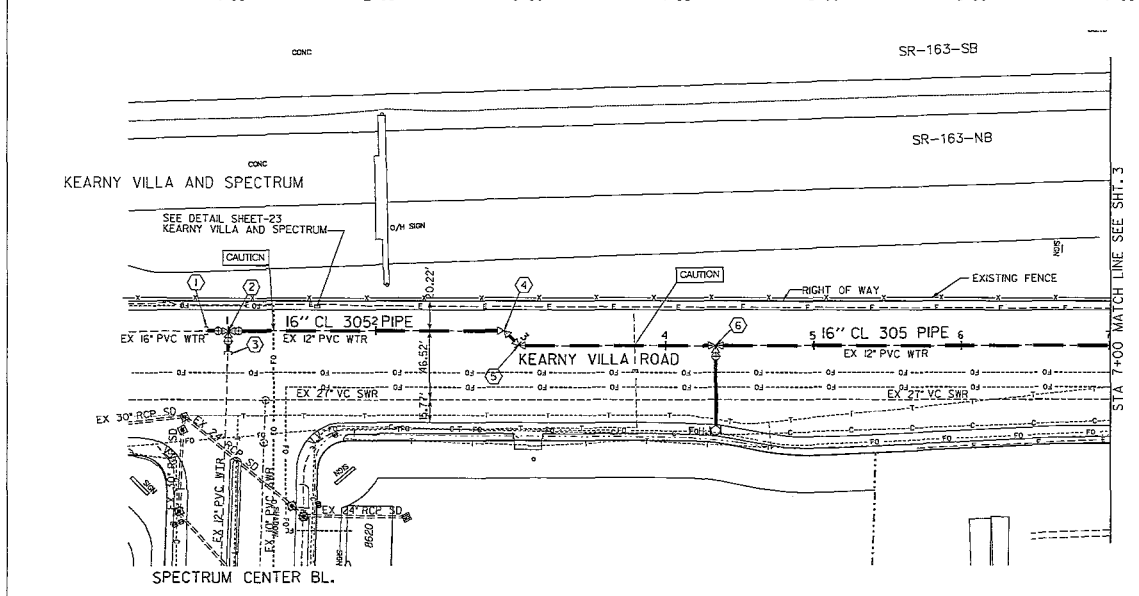


Alignment No.1

Element: Linear	STATION	NORTHING	EASTING
PGD	1+00.00	1881998.89	6287261.18
PI	2+86.58	1882165.21	6287545.74
Tangential Direction: N 26°53'05" E			
Tangential Length: 186.58			
Element: Linear	PI	3+00.70	1882165.21
PI	3+00.70	1882169.59	6287345.74
Tangential Direction: N 71°56'56" E			
Tangential Length: 14.12			
Element: Linear	PI	3+00.70	1882169.59
PI	4+33.74	1882288.17	6287359.16
Tangential Direction: N 26°53'25" E			
Tangential Length: 133.04			
Element: Linear	PI	4+33.74	1882288.17
PI	7+74.48	1882591.31	6287419.48
Tangential Direction: N 26°56'58" E			
Tangential Length: 345.73			

SEE SHEET 3

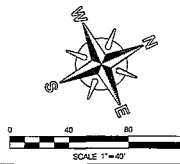
SCALE
1"=40' HORIZ.
1"=4' VERT.



- ① BY CITY FORCES
AHD OF CONTRACTOR
STA 1+00 10' BK
CUT AND PLUG
EX 16" PVC WTR
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED
- ② BY CONTRACTOR
FURNISH AND INSTALL
STA 1+00
1-16"x12" TEE (F)
2-16" BUTTERFLY VALVES (F,M,D) BK, AND
1-12" GATE VALVE (F,M,D) RT
- ③ BY CITY FORCES
AHD OF CONTRACTOR
STA 1+00 10' RT
CUT AND PLUG
EX 12" PVC WTR
RECONNECT AFTER NEW MAIN
HAS BEEN ACCEPTED
- ④ BY CONTRACTOR
FURNISH AND INSTALL
STA 2+86.58
16" 45' BEND (M,D)
- ⑤ BY CONTRACTOR
FURNISH AND INSTALL
STA 3+00.70
16" 45' BEND (M,D)
- ⑥ BY CONTRACTOR
FURNISH AND INSTALL
STA 4+33.74
1- 16" X 6" TEE (M,J, M,J, F)
1- 6" FH (3-PORT) ASSY AND MARKER

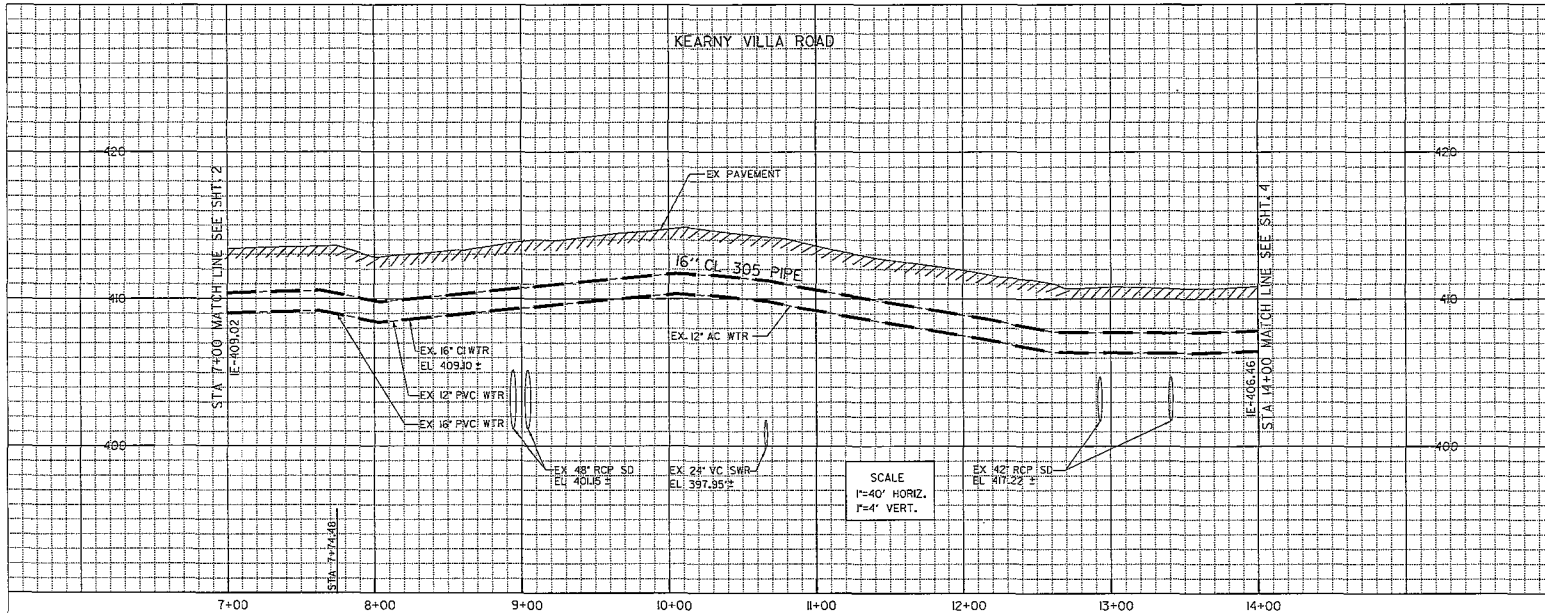
REFERENCE:
WATER: 29659-18-D
STORM DRAINS: 10235-6-D, 21091-15-D
GAS: 15952-19155
ELECTRIC: 1v0612.dgn
CABLE TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE / FIELD BOOK: G45
THOMAS BROS., 1249 B5
HGL: 600

RETIREMENTS:
12" - PVC - 500' - 2002
FH (3-PORT) - 1



C-01	
WATER GROUP 942 KEARNY VILLA ROAD STA 1+0.00 TO STA. 7+0.00	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 02 OF 23 SHEETS	WATER MSB - B-1038
DATE: 5/29/15	PROJECT ENGINEER: JEFF SORIANO
DESIGNER: WENDY GAMBOA	PROJECT MANAGER: MAIYAR HANZI
BY: [Signature]	DATE: 6/29/15
APPROVED: [Signature]	DATE: 6/29/15
PROJECT NO: 1870-62719	CROSS COORDINATE
CONTRACTOR: [Blank]	DATE STARTED: [Blank]
INSPECTOR: [Blank]	DATE COMPLETED: [Blank]
37476-02-D	

KEARNY VILLA ROAD

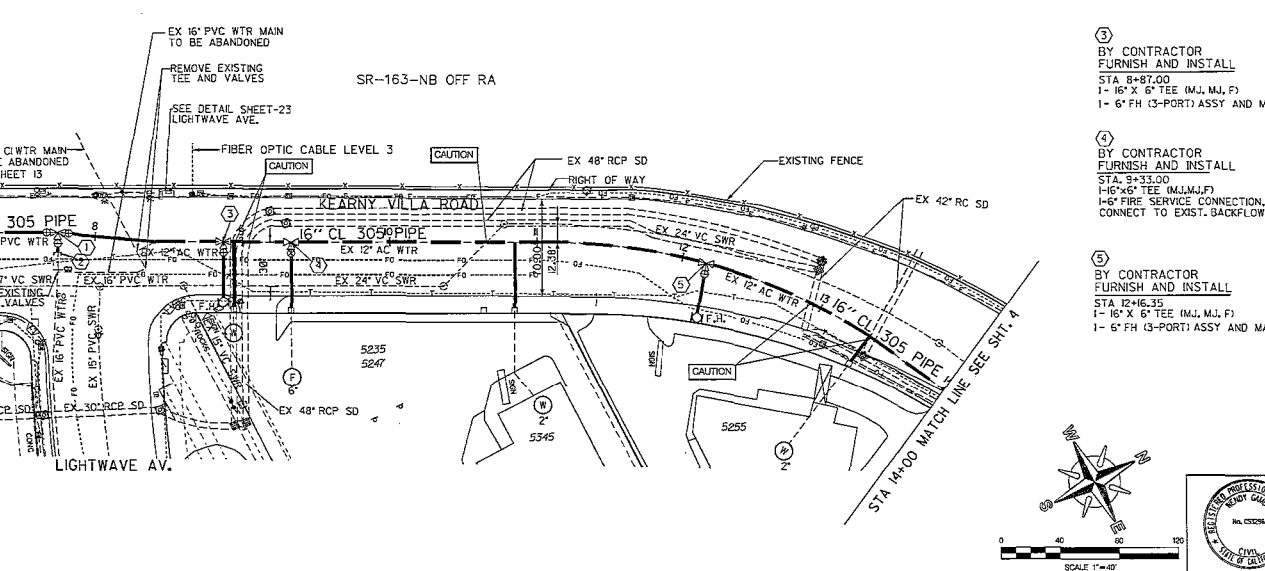


Alignment No.1

Element:	Linear	STATION	NORTHING	EASTING
Element:	Linear	PI 7+74.48	1882591.91	6287573.90
		PI 8+41.13	1882643.41	6287609.26
		Tangential Direction:	N 32°02'13" E	
		Tangential Length:	66.65	
Element:	Linear	PI 8+41.13	1882648.41	6287609.26
		PI 8+92.07	1882693.81	6287632.34
		Tangential Direction:	N 26°56'49" E	
		Tangential Length:	50.93	
Element:	Linear	PI 8+92.07	1882693.81	6287632.34
		PC 11+01.32	1882880.34	6287727.17
		PI 11+59.23	1882932.48	6287752.26
		CC 1882765.50	6287808.52	
		PCC 12+16.35	1882795.35	6287791.32
		Radius:	100.00	
		Delta:	16°09'29" Right	
		Degree of Curvature(Chord):	14°21'41"	
		Length:	115.08	
		Tangent:	57.92	
		Chord:	114.64	
		Middle Ordinate:	4.13	
		External:	4.17	
		Tangent Direction:	N 25°47'30" E	
		Radial Direction:	S 64°12'30" W	
		Chord Direction:	N 34°01'49" E	
		Radius Direction:	S 47°43'52" E	
		Tangent Direction:	N 42°16'08" E	

SEE SHEET 4

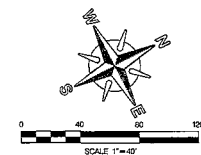
- ① BY CONTRACTOR FURNISH AND INSTALL
STA 7+74.48
1-16"x18" TEE (F)
3-16" BUTTERFLY VALVES (F,M,D BK, AND, RT)
- ② BY CITY FORCES AND OF CONTRACTOR
STA 7+74.48 10'RT
CUT AND PLUG
EX 16" PVC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED



- ③ BY CONTRACTOR FURNISH AND INSTALL
STA. 8+87.00
1- 16" X 6" TEE (M,J,M,F)
1- 6" FH (3-PORT) ASSY AND MARKER
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA. 9+33.00
1-16"x6" TEE (M,J,M,F)
1-6" FIRE SERVICE CONNECTION, RT
CONNECT TO EXIST. BACKFLOW PREVENTER
- ⑤ BY CONTRACTOR FURNISH AND INSTALL
STA 12+16.35
1- 16" X 6" TEE (M,J,M,F)
1- 6" FH (3-PORT) ASSY AND MARKER

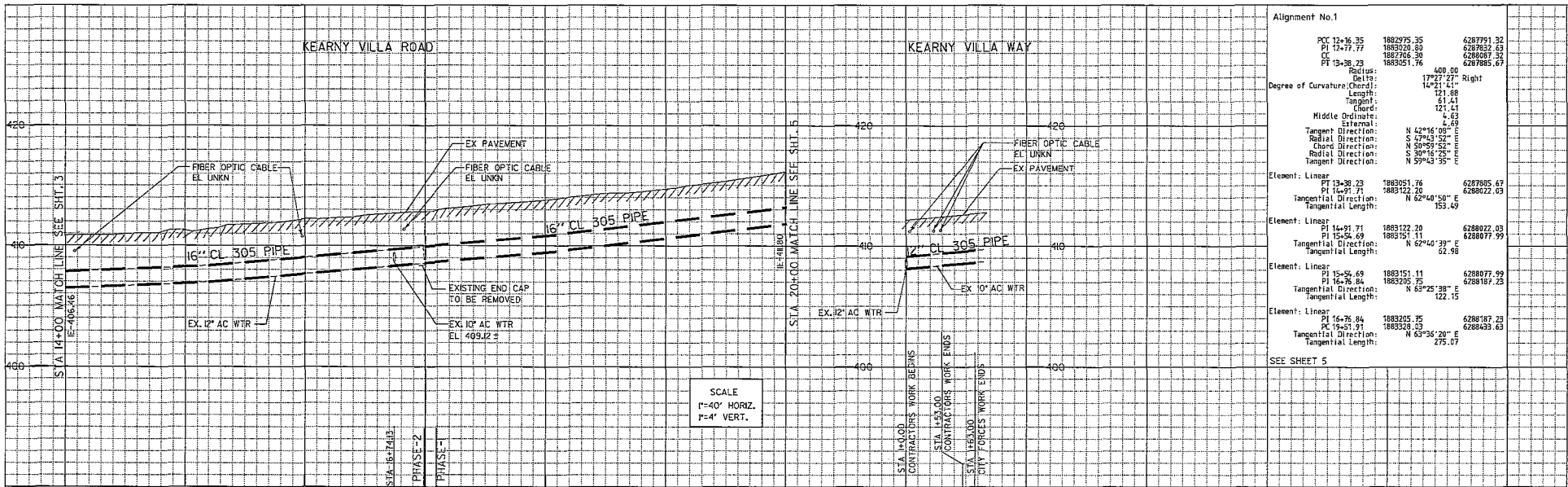
REFERENCE:
WATER: 25638-19-D
STORM DRAIN: 10235-6-D, 2109K-15-D
GAS: 19362-19B55
ELECTRIC: 1V0625.dgn
CABLE TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD 300K G45
THOMAS BROS.: 1249 B5
HLL: 600

RETIREMENTS:
12" - PVC - 98.33" - 2002
12" - AC - 60L67" - 1971
FH (3-PORT) - 2
F SERVICE - 1 - MATERIAL - 1900
2" SERVICE - 2 - MATERIAL - 1900
6" FIRE SERVICE-1



WATER GROUP 942 KEARNY VILLA ROAD STA 7+0.00 TO STA. 14+0.00		WATER No. 6-3038
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 03 OF 23 SHEETS		DATE 5/28/15
FOR CITY ENGINEER WENDY GAMBOA		PROJECT MANAGER JEFF SORIANO
PROJECT ENGINEER MANVAR NAJARI		CHECK COORDINATOR 23C-1119
CONTRACTOR INSPECTOR		DATE STARTED 1870-8279
DATE COMPLETED		37476-03-D

KEARNY VILLA ROAD



Alignment No.1

PT 12+16.35	1882975.35	6287791.32
PT 12+77.77	1882920.80	6287823.03
PT 13+38.23	1882766.30	6287807.52
PT 13+38.23	1883051.76	6287885.67
Radius:	400.00	
Delta:	17°27'27"	Right
Degree of Curvature (Chord):	10°21'41"	
Length:	121.88	
Tangent:	51.41	
Chord:	121.41	
Middle Ordinate:	4.63	
External:	4.68	
Tangent Direction:	N 42°16'08"	
Radial Direction:	S 17°43'52"	
Chord Direction:	N 50°59'52"	
Radial Direction:	N 59°43'52"	
Tangent Direction:		

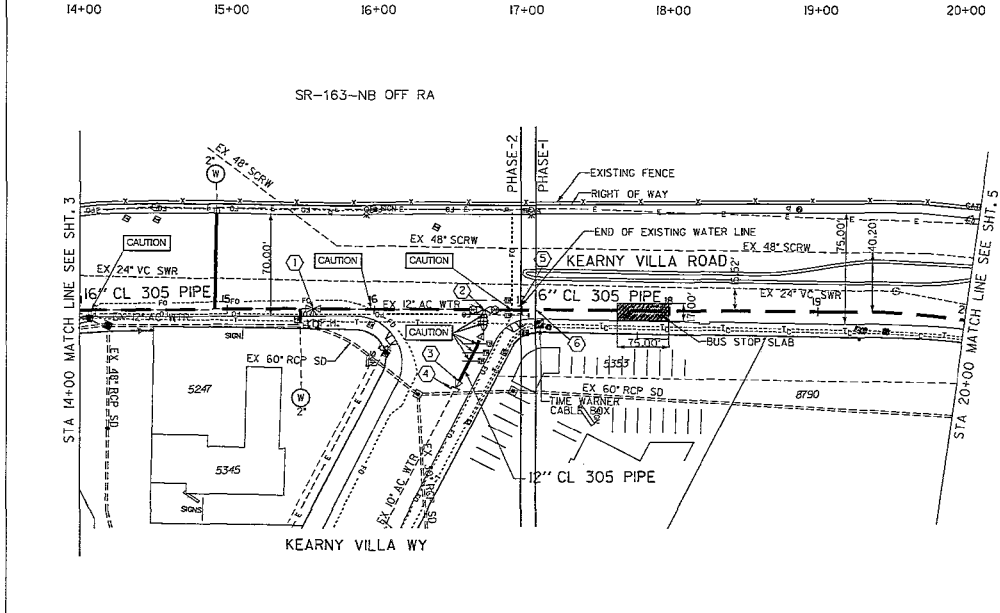
Element: Linear	PT 13+38.23	1883051.76	6287885.67
	PT 14+91.71	1883122.20	6288022.03
Tangential Direction:		N 62°40'50" E	
Tangential Length:			153.49

Element: Linear	PT 14+91.71	1883122.20	6288022.03
	PT 15+56.69	1883151.11	6288077.99
Tangential Direction:		N 62°40'39" E	
Tangential Length:			62.58

Element: Linear	PT 15+56.69	1883151.11	6288077.99
	PT 16+76.84	1883205.75	6288187.23
Tangential Direction:		N 63°25'38" E	
Tangential Length:			122.15

Element: Linear	PT 16+76.84	1883205.75	6288187.23
	PT 19+51.91	1883328.03	6288433.63
Tangential Direction:		N 63°36'28" E	
Tangential Length:			275.07

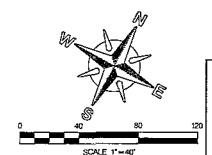
SEE SHEET 5



- ① BY CONTRACTOR FURNISH AND INSTALL
STA 15+58.79
1- 16" X 6" TEE (M,J,M,F)
1- 6" FH (3-PORT) ASSY AND MARKER
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 16+74.3 (4+0.00)
1- 16" X 12" TEE (F)
2- 16" BUTTERFLY VALVES (F,M,J) BK, AHD
1- 12" GATE VALVE (F RT)
1- 22.5" 12" BEND (F,M,D RT)
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 14+53.18
1- 2" X 10" REDUCER (M,J)
- ④ BY CITY FORCES AHD OF CONTRACTOR
STA 14+57.19
CUT AND PLUG
EX 10" AC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ⑤ BY CITY FORCES AFTER CONTRACTOR
STA 16+99.11
CONNECT AFTER BOTH PHASES HAVE BEEN ACCEPTED
- ⑥ BY CONTRACTOR FURNISH AND INSTALL
STA 17+09.11
START OF PHASE-1 CONTRACTOR SHALL PUT A TEMPORARILY END CAP

REFERENCE:
WATER: 1416-3-D
STORM DRAIN: 10235-6-D, 21091-15-D
GAS: 15952-19155
ELECTRIC: 110532.dgn
CABLE TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD BOOK: G145
THOMAS BROS.: 1249 B5
HGL: 600

RETIREMENTS:
12" - AC - 339.09' - 1971
FH (3-PORT) - 1
2" SERVICE - 2 - MATERIAL - 1971



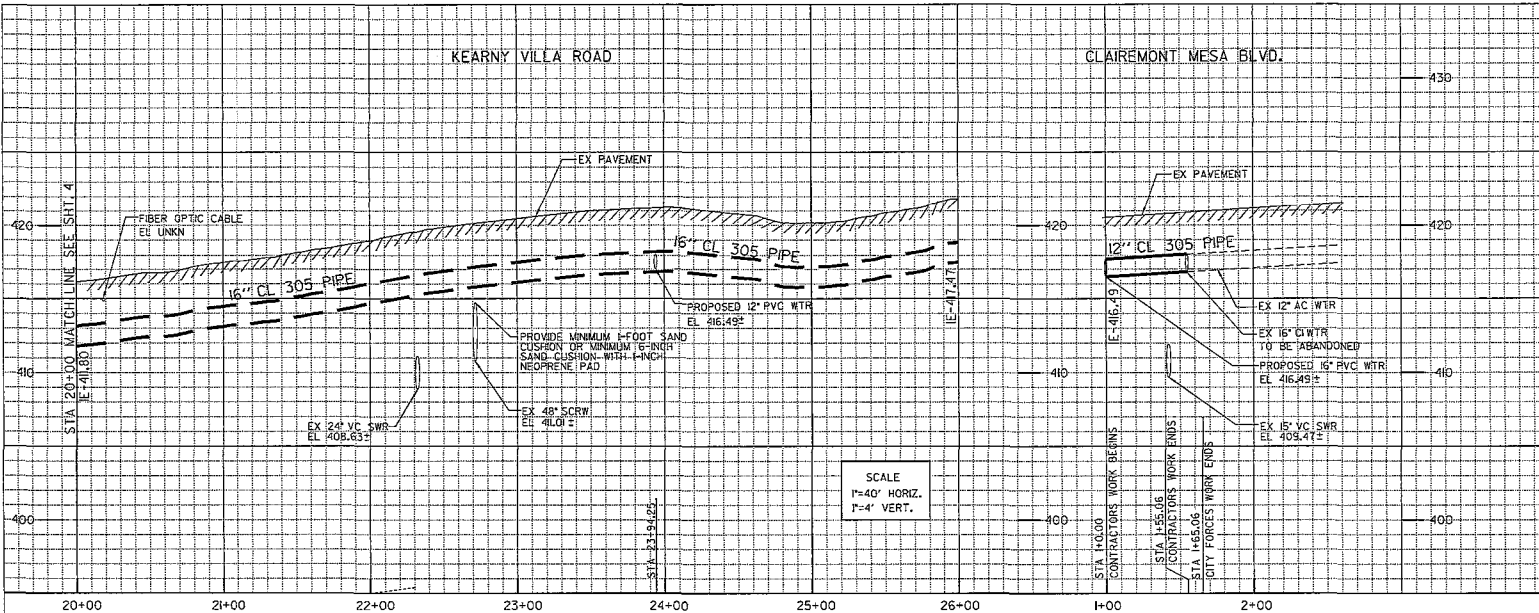
C-03

WATER GROUP 942
KEARNY VILLA ROAD / KEARNY VILLA WAY
STA 14+0.00 TO STA 20+0.00

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 64 OF 23 SHEETS

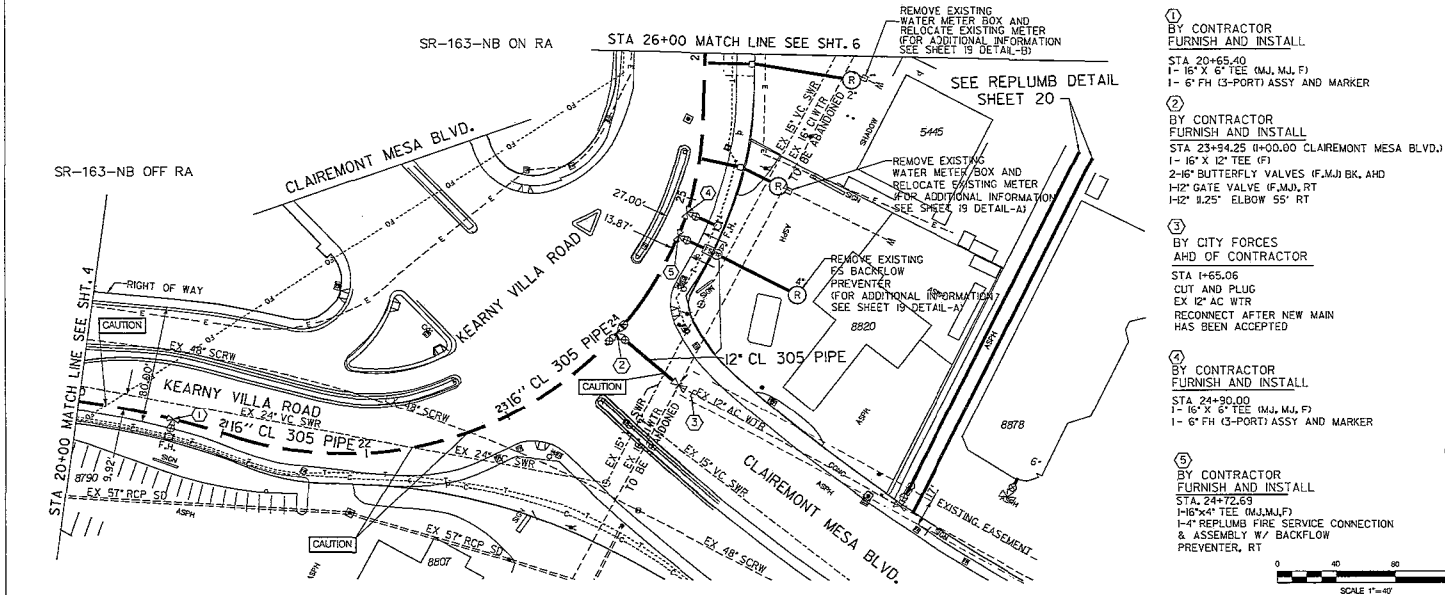
DATE	5/23/15	DATE	5/23/15
FOR CITY ENGINEER	WENDY GAMBOA	PROJECT ENGINEER	MAHYAR NAVIZI
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	ED/MN		230-1175
ADDENDUM A	ED/MN	6/23/15	CDSR COORDINATE
CONTRACTOR	DATE STARTED	DATE COMPLETED	37476-04-D

KEARNY VILLA ROAD / CLAIREMONT MESA BLVD.



Alignment No.1

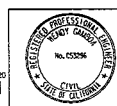
Element: Circular	PC 19+51.91 188328.03	6288433.63
	PI 20+08.63 188350.79	6288685.79
	CE 188278.49	6288641.31
	PT 20+65.40 188363.34	6288694.00
	Radius:	506.00
	Delta:	10°50'15" Right
	Length:	99.59
	Degree of Curvature(Chord):	113.69
	Chord:	113.32
	Tangent:	36.91
	External:	2.69
	Middle Ordinate:	2.88
	Tangent Direction:	N 66°25'40" E
	Radial Direction:	S 23°04'26" E
	Chord Direction:	S 75°04'26" E
	Radial Direction:	S 12°44'05" E
	Tangent Direction:	N 77°15'55" E
Element: Linear	PC 20+65.40 188363.34	6288694.00
	PT 21+15.11 188371.99	6288588.22
	Tangential Direction:	N 79°52'37" E
	Tangential Length:	47.70
Element: Circular	PC 21+13.11 188371.99	6288588.22
	PI 22+70.64 188340.73	6288743.11
	CE 188567.80	6288542.62
	PCC 23+94.25 188352.85	6288784.05
	Radius:	250.00
	Delta:	64°25'59" Left
	Length:	291.74
	Degree of Curvature(Chord):	23°04'26" Left
	Chord:	286.26
	Tangent:	157.53
	Middle Ordinate:	36.69
	External:	45.69
	Tangent Direction:	N 78°23'23" E
	Radial Direction:	S 10°30'37" E
	Chord Direction:	N 07°05'24" E
	Radial Direction:	S 74°45'36" E
	Tangent Direction:	N 73°03'24" E
Element: Circular	PC 23+94.25 188352.85	6288784.05
	PI 24+52.66 188359.21	6288793.65
	CE 188314.63	6288542.17
	PCC 24+72.77 188350.72	6288791.28
	Radius:	249.63
	Delta:	18°01'22" Left
	Length:	76.52
	Degree of Curvature(Chord):	23°04'26" Left
	Chord:	76.20
	Tangent:	39.39
	External:	3.12
	Middle Ordinate:	3.12
	Tangent Direction:	N 1°01'05" E
	Radial Direction:	S 75°46'35" E
	Chord Direction:	N 5°18'58" E
	Radial Direction:	N 88°18'17" E
	Tangent Direction:	N 3°41'43" W
Element: Circular	PC 24+72.77 188350.72	6288791.28
	PI 25+77.65 188367.51	6288788.39
	CE 188314.63	6288542.17
	PT 25+61.59 188376.49	6288770.07
	Radius:	249.63
	Delta:	20°23'12" Left
	Length:	76.52
	Degree of Curvature(Chord):	23°04'26" Left
	Chord:	76.20
	Tangent:	39.39
	External:	3.12
	Middle Ordinate:	3.12
	Tangent Direction:	N 3°41'43" W
	Radial Direction:	N 88°18'17" E
	Chord Direction:	N 65°05'06" E
	Tangent Direction:	N 24°04'55" W



- BY CONTRACTOR FURNISH AND INSTALL.
STA 20+65.40
1- 16" X 6" TEE (M,J,F)
1- 6" FH (3-PORT) ASSY AND MARKER
- BY CONTRACTOR FURNISH AND INSTALL.
STA 23+94.25 (0+00.00 CLAIREMONT MESA BLVD.)
1- 16" X 12" TEE (F)
2- 1/2" BUTTERFLY VALVES (F,M,J) BK. AHD
1- 1/2" GATE VALVE (F,M,J) RT
1- 1/2" 1/2" ELBOW 55" RT
- BY CITY FORCES AND OF CONTRACTOR
STA 1+65.06
CUT AND PLUG
EX 12" AC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- BY CONTRACTOR FURNISH AND INSTALL.
STA 24+72.69
1- 16" X 6" TEE (M,J,F)
1- 4" REPLUMB FIRE SERVICE CONNECTION & ASSEMBLY W/ BACKFLOW PREVENTER, RT

REFERENCE:
WATERS 18334-9-D
STORM DRAIN: 1492-2-D
GAS: 18552-18555
ELECTRIC: 14062-00n
CABLE TV: A181
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD BOOK: G145
THOMAS BROS.: I249 B5
HCL: 600

RETIREMENTS:
FH (3-PORT) - 1
4" FIRE SERVICE-1

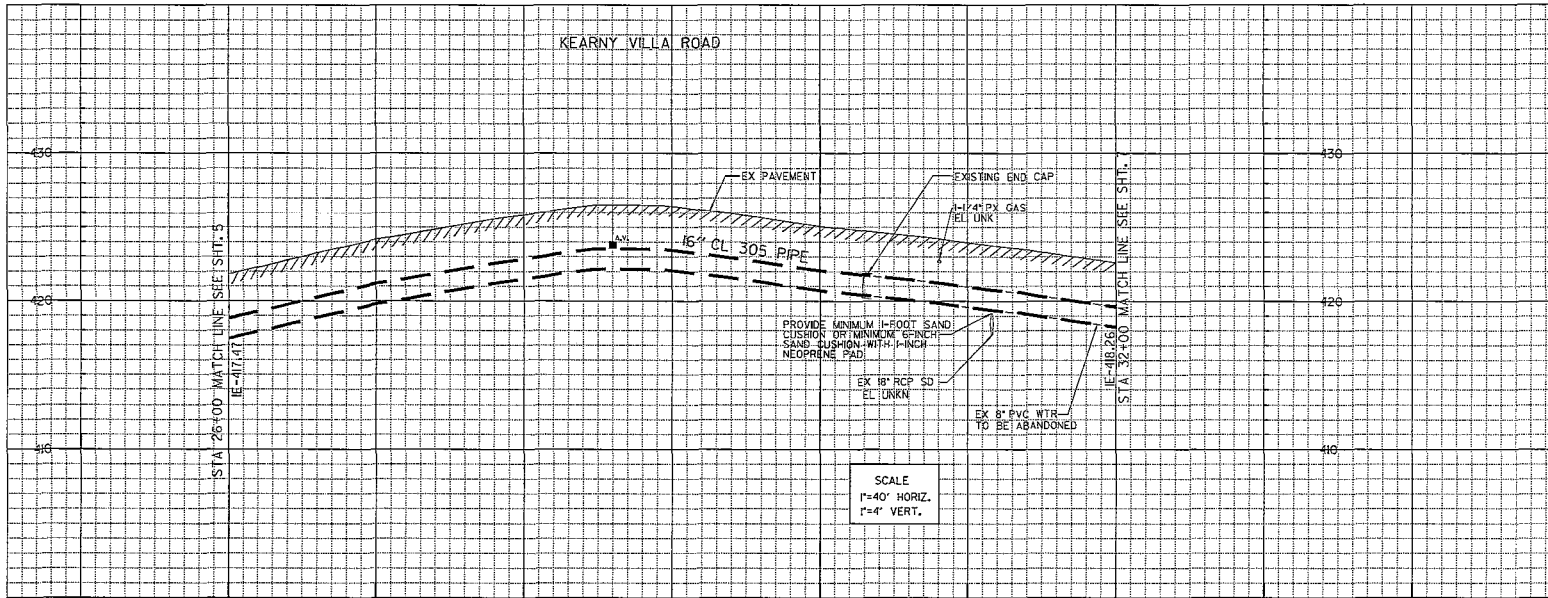


C-04

WATER GROUP 942
KEARNY VILLA ROAD
CLAIREMONT MESA BLVD.
STA 20+0.00 TO STA. 26+0.00
STA 1+0.00 TO STA. 1+55.06

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 05 OF 23 SHEETS

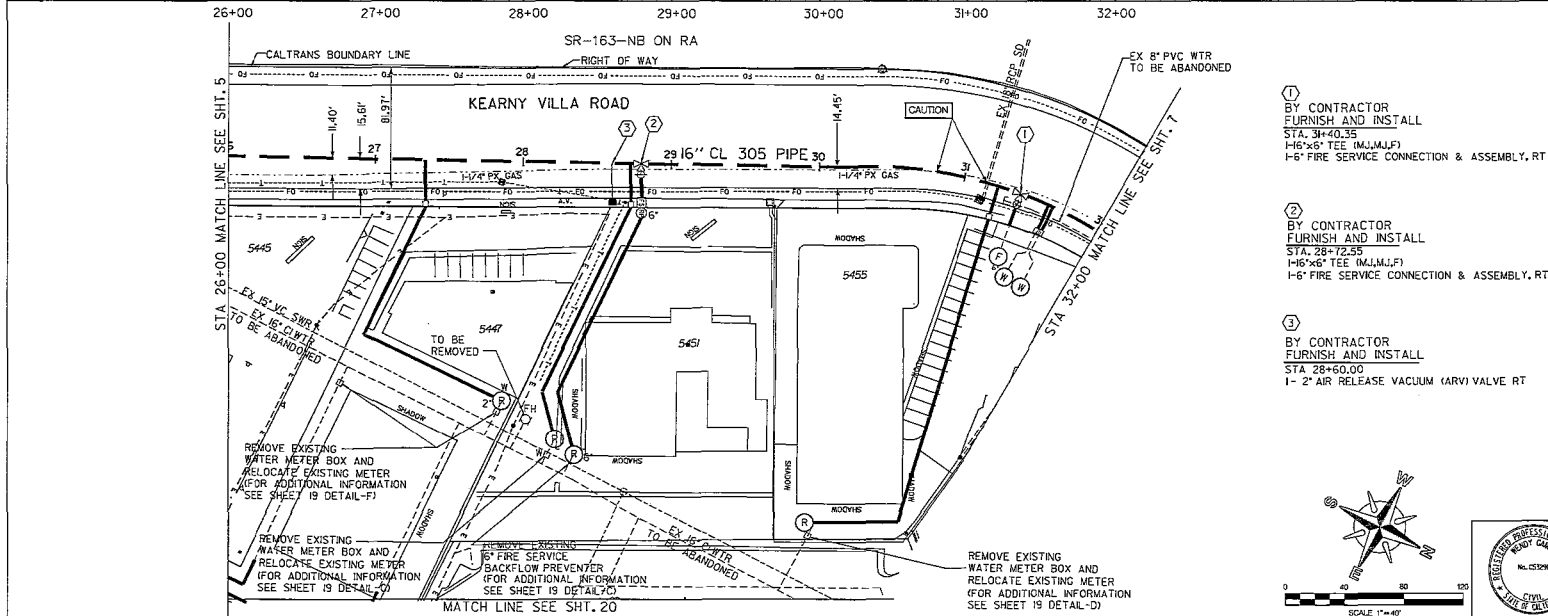
DATE: 3/29/16	REVISION: B-3038
FOR CITY ENGINEER: WENDY GAMBOA	PROJECT MANAGER: JEFF SCOBANO
DATE: 6/29/16	PROJECT NAME: 230-4719
DATE: 6/29/16	COST COORDINATOR: 1810-4279
DATE: 6/29/16	COST COORDINATOR: 37476-05-D



Alignment No.1

Element: Linear	PC 25+51.59	1883716.49	6288770.07
	PT 30+60.63	1884166.36	6288554.08
Tangential Direction:	N 25°38'48" W		
Tangential Length:	495.04		
Element: Circular	PC 30+60.63	1884166.36	6288554.08
	PI 31+50.77	1884202.89	6288537.45
	PT 31+40.35	1884200.69	6288525.29
	PCC 31+40.35	1884242.65	6288531.92
Radius:	276.00		
Delta:	16°33'00" Right		
Degree of Curvature (Chord):	20°52'29"		
Length:	74.72		
Tangent:	40.16		
Chord:	75.45		
Middle Ordinate:	3.87		
External:	13.50		
Tangent Direction:	N 26°28'16" W		
Radial Direction:	N 65°31'42" E		
Chord Direction:	N 16°11'46" W		
Radial Direction:	N 82°46'42" E		
Tangent Direction:	N 7°55'15" E		
Element: Circular	PC 31+40.35	1884242.65	6288531.92
	PT 32+07.43	1884209.55	6288522.67
	CS 32+00.00	1884200.69	6288505.29
	PCC 32+07.08	1884372.48	6288545.00
Radius:	276.00		
Delta:	27°20'46" Right		
Degree of Curvature (Chord):	20°52'29"		
Length:	131.73		
Tangent:	65.74		
Chord:	130.68		
Middle Ordinate:	7.82		
External:	15.05		
Tangent Direction:	N 7°55'15" W		
Radial Direction:	N 84°04'45" E		
Chord Direction:	N 5°45'07" W		
Radial Direction:	S 70°34'50" E		
Tangent Direction:	N 19°25'30" E		

SEE SHEET 7



REFERENCE:
 WATER: 26718-2-D
 STORM DRAIN: 18384-2-D
 GAS: 15962-#BIS
 ELECTRIC: 10612.dgn
 CABLE TV: AT&T
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE / FIELD BOOK# G14S
 THOMAS SURCS: 1243 85
 HGL: 600

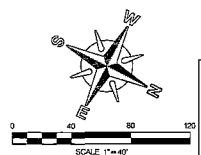
- ① BY CONTRACTOR FURNISH AND INSTALL
 STA. 31+40.35
 1-6" FIRE SERVICE CONNECTION & ASSEMBLY, RT
- ② BY CONTRACTOR FURNISH AND INSTALL
 STA. 28+72.55
 1-6" FIRE SERVICE CONNECTION & ASSEMBLY, RT
- ③ BY CONTRACTOR FURNISH AND INSTALL
 STA. 28+60.00
 1- 2" AIR RELEASE VACUUM (ARV) VALVE RT

RETIREMENTS:
 8" PVC - 68.03' - 1993
 1" SERVICE - 2' MATERIAL - 1993
 6" FIRE SERVICE-1

C-05

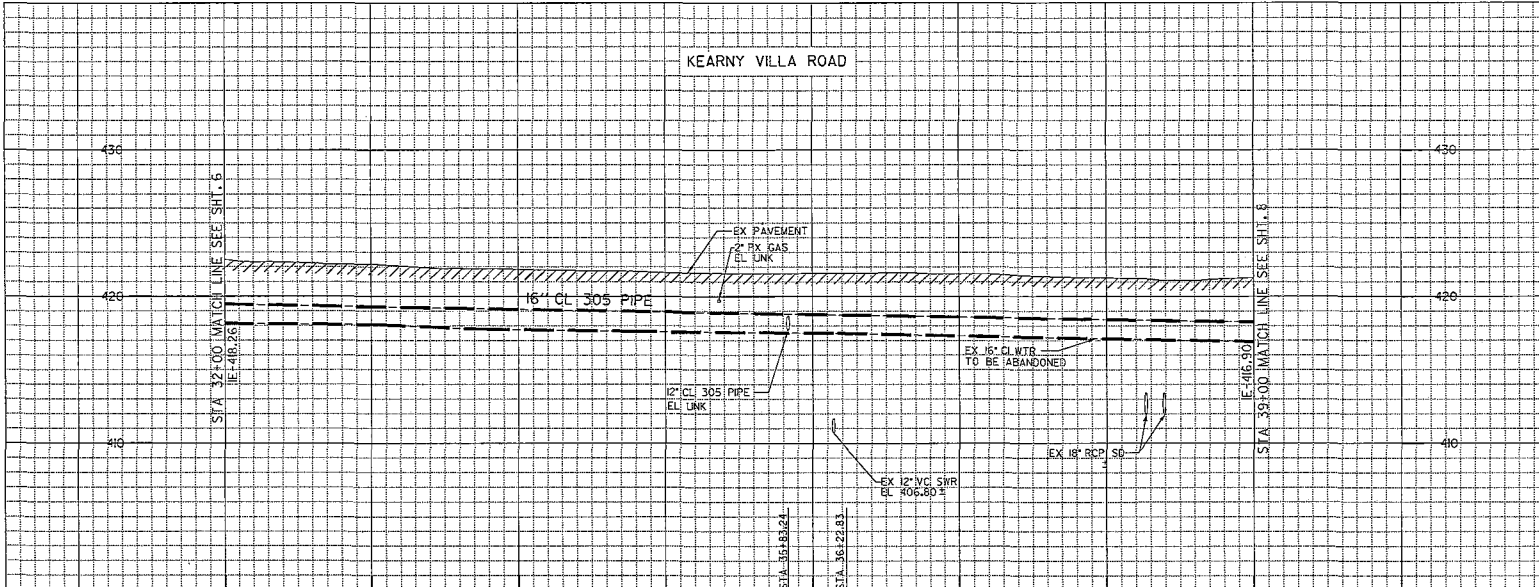
WATER GROUP 942
KEARNY VILLA ROAD
 STA 26+0.00 TO STA. 32+0.00

CITY OF SAN DIEGO, CALIFORNIA		WATER	R-1038
PUBLIC WORKS DEPARTMENT		PROJECT NUMBER	
SHEET 08 OF 23 SHEETS			
DATE: 5/23/15	DATE: 6/23/15	PROJECT ENGINEER: JEFF SORIANO	PROJECT MANAGER: MAHYAR NAVAZI
FOR CITY ENGINEER: WENDY GAMBOA	DATE: 6/23/15	PROJECT ENGINEER: JEFF SORIANO	PROJECT MANAGER: MAHYAR NAVAZI
DESCRIPTION: WATER MAIN	BY APPROVED DATE: 6/23/15	FILE NO: 230-1719	ISSUE: 02/09/2015
ORIGINAL: [Signature]	DATE: 6/23/15	ISSUE: 02/09/2015	ISSUE: 02/09/2015
ADDENDUM A	DATE: 6/23/15	ISSUE: 02/09/2015	ISSUE: 02/09/2015
CONTRACTOR: [Signature]	DATE STARTED: [Signature]	DATE COMPLETED: [Signature]	37476-06-D



KEARNY VILLA ROAD

KEARNY VILLA ROAD



Alignment No.1

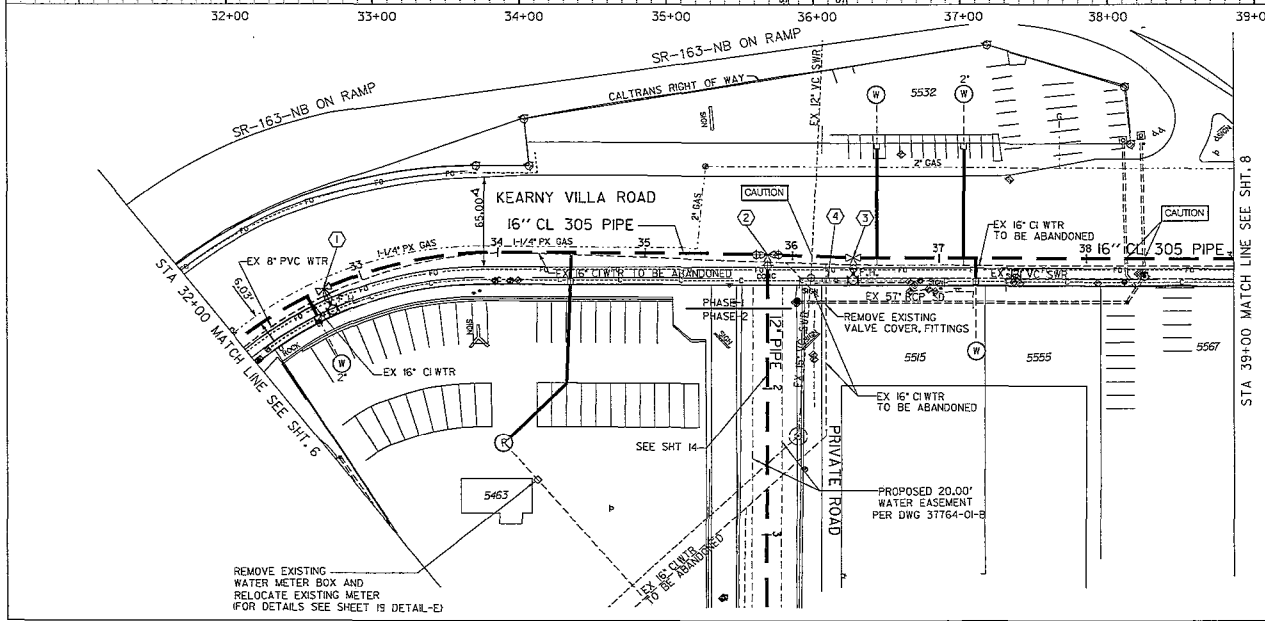
Element: Circular	PC	32+72.80	1884572.48	6288545.00
	PI	35+31.50	1884426.51	6288545.76
	CC		1884286.60	6288805.29
	PT	33+89.13	1884447.43	6288605.83
	Radius:		214776.00	
	Delta:		20°52'29\"	Right
Degree of Curvature(Chord):	Length:		117.05	
	Tangent:		39.42	
	Chord:		116.18	
	Middle Ordinate:		6.18	
	External:		6.32	
Tangent:	External:		N 19°25'30\"	E
	Radial Direction:		S 70°24'30\"	E
	Chord Direction:		N 31°34'29\"	E
	Point:		S 46°16'32\"	E
	Tangent:		N 43°43'28\"	E

Element: Linear	PT	33+89.13	1884471.45	6288645.93
	PI	35+83.24	1884609.38	6288742.41
	Tangential Direction:		N 44°43'16\"	E
	Tangential Length:		194.11	

Element: Linear	PI	35+83.24	1884609.38	6288742.41
	PI	36+41.10	1884661.19	6288702.43
	Tangential Direction:		N 43°45'32\"	E
	Tangential Length:		57.86	

Element: Linear	PI	36+41.10	1884451.77	6288782.43
	PI	41+37.78	1885007.93	6289127.99
	Tangential Direction:		N 44°05'09\"	E
	Tangential Length:		496.68	

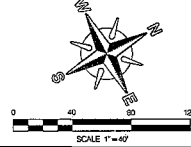
SCALE
 1"=40' HORIZ.
 1"=4' VERT.



- BY CONTRACTOR FURNISH AND INSTALL
 WATER: 18384-2-0, 18384-3-D
 STORM DRAIN: 18384-2-D
 GAS: 19552-19185
 ELECTRICAL: 10612.dgn
 CABLE: TV & T
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: GHS
 THOMAS BROS.: 1249 BS
 HCL: 600
- BY CONTRACTOR FURNISH AND INSTALL
 STA 35+83.24
 1- 16" X 12" TEE (F)
 2- 16" BUTTERFLY VALVES (F,M,J) BK, AND
 1/2" GATE VALVE (F,M,J), RT
- BY CONTRACTOR FURNISH AND INSTALL
 STA 36+41.10
 1- 16" X 6" TEE (M,J, M, F)
 1- 6" FH (3-PORT) ASSY AND MARKER
- BY CITY FORCES AHD OF CONTRACTOR
 STA 36+22.83 10' RT
 PERMANENT CUT AND PLUG
 EX 16" CI WTR
 PHASE-1 CUT AND PLUG

REFERENCE:
 WATER: 18384-2-0, 18384-3-D
 STORM DRAIN: 18384-2-D
 GAS: 19552-19185
 ELECTRICAL: 10612.dgn
 CABLE: TV & T
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE/FIELD BOOK: GHS
 THOMAS BROS.: 1249 BS
 HCL: 600

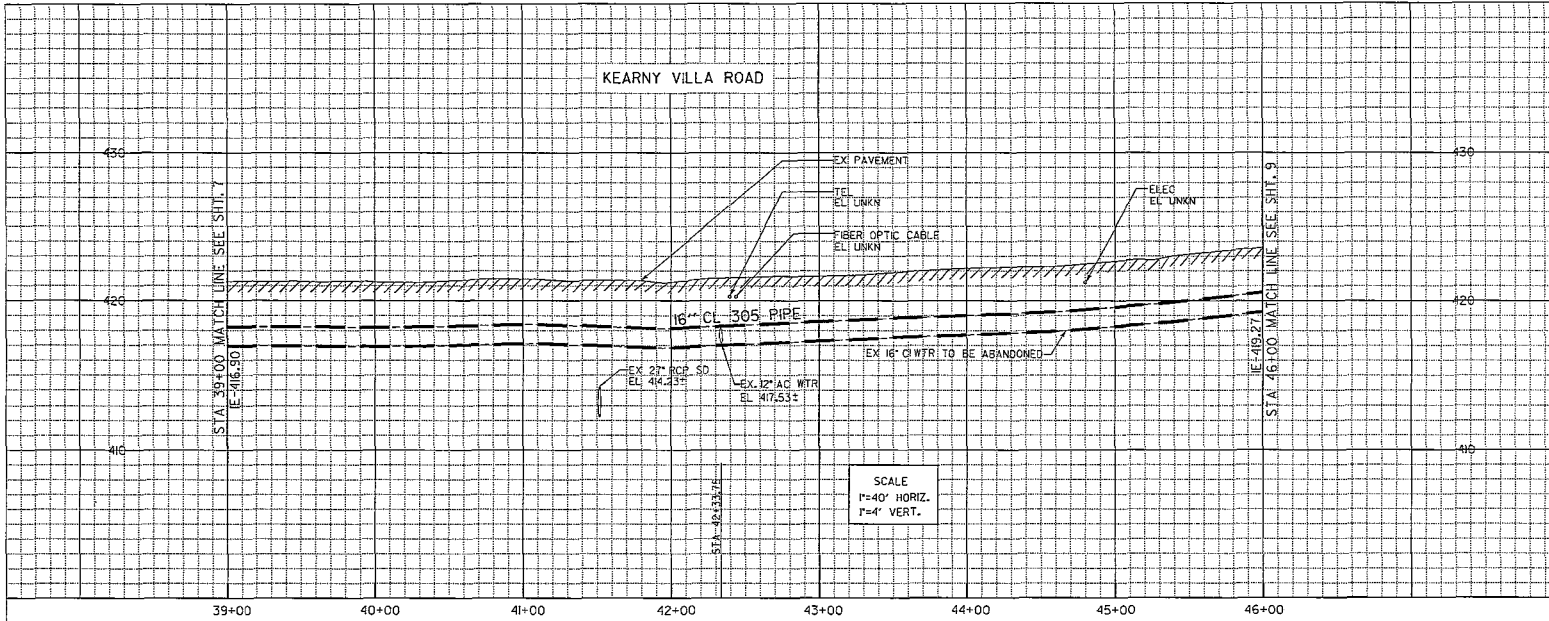
RETIREMENTS:
 8" - AC - 439.89' - 1979
 16" - CI - 260.11' - 1952
 FH (3-PORT) - 2
 1" SERVICE - 2 - MATERIAL - 1900
 2" SERVICE - 2 - MATERIAL - 1900



WATER GROUP 942
KEARNY VILLA ROAD
 STA 32+0.00 TO STA. 39+0.00

C-06

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 07 OF 23 SHEETS		WATER #93	B-10.38
DATE 5/29/15	PROJECT MANAGER JEFF SOBHANG	DATE 6/29/15	PROJECT ENGINEER MAHYAR NAVIZI
DESIGNER HENRY DAMBOA	DATE 6/29/15	NO. OF SHEETS 230-1779	CONTRACT NO. 1870-6278
CONTRACTOR DATE STARTED	DATE COMPLETED	COORDINATE 37476-07-D	

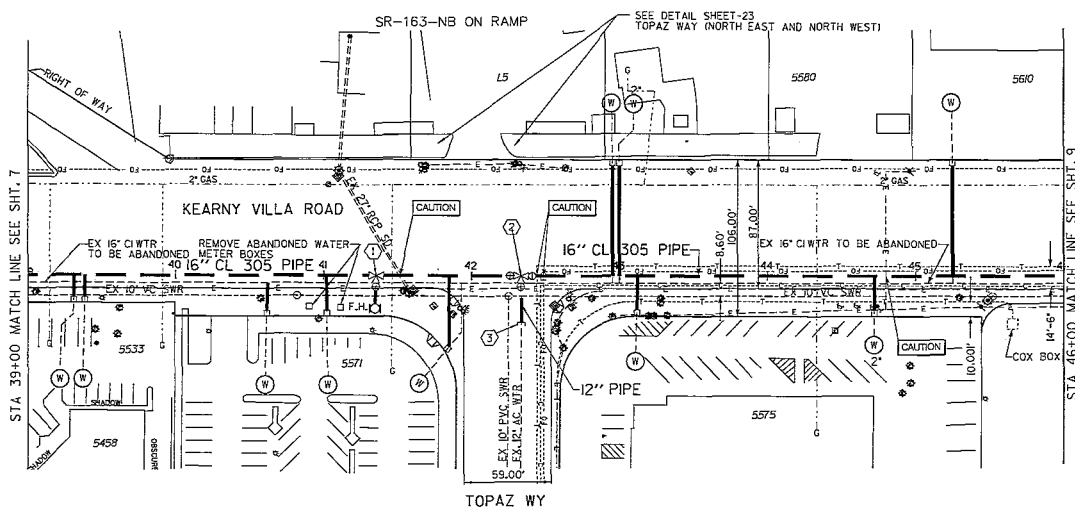


Alignment No.1

Element: Linear	PI 41+37.78	1885007.93	6289127.99
	PI 42+33.75	1885077.19	6289194.42
		Tangential Direction: N 43°48'31" E	
		Tangential Length: 55.97	
Element: Linear	PI 42+33.75	1885077.19	6289194.42
	PI 43+55.01	1885309.03	6289416.81
		Tangential Direction: N 43°48'25" E	
		Tangential Length: 521.26	
Element: Linear	PI 43+55.01	1885309.03	6289416.81
	PI 45+68.44	1885318.72	6289426.10
		Tangential Direction: N 43°48'25" E	
		Tangential Length: 13.43	
Element: Linear	PI 45+68.44	1885318.72	6289426.10
	PI 46+92.49	1885348.25	6290511.98
		Tangential Direction: N 43°48'26" E	
		Tangential Length: 124.05	

SEE SHEET 9

SCALE
1"=40' HORIZ.
1"=4' VERT.



- ① BY CONTRACTOR FURNISH AND INSTALL
STA 41+37.78
1- 16" X 51" TEE (M.J, M.J, F)
1- 6" FH (3-PORT) ASSY AND MARKER
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 42+33.75
1- 16" X 12" TEE (F)
2- 16" BUTTERFLY VALVES (F,M,J, BK, AND
1- 12" GATE VALVE (F,M,J, RT
40"-12" PIPE
- ③ BY CITY FORCES AND OF CONTRACTOR
STA 42+33.75 50' RT
CUT AND PLUG
EX 12" AC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED

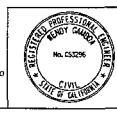
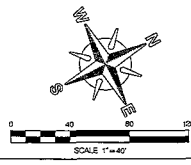
REFERENCE:
WATER: J0659-A-D
STORM DRAIN: 19242-3-D
GAS: 15552-18055
ELECTRIC: IV0612.dgn
CABLE TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD BOOK: G45
THOMAS BROS.: I249 B5
HGL: 600

RETIREMENTS:
16" - CI - 700' - 1900
FH (3-PORT) - 1
1" SERVICE - 8 - MATERIAL - 1900
2" SERVICE - 2 - MATERIAL - 1900

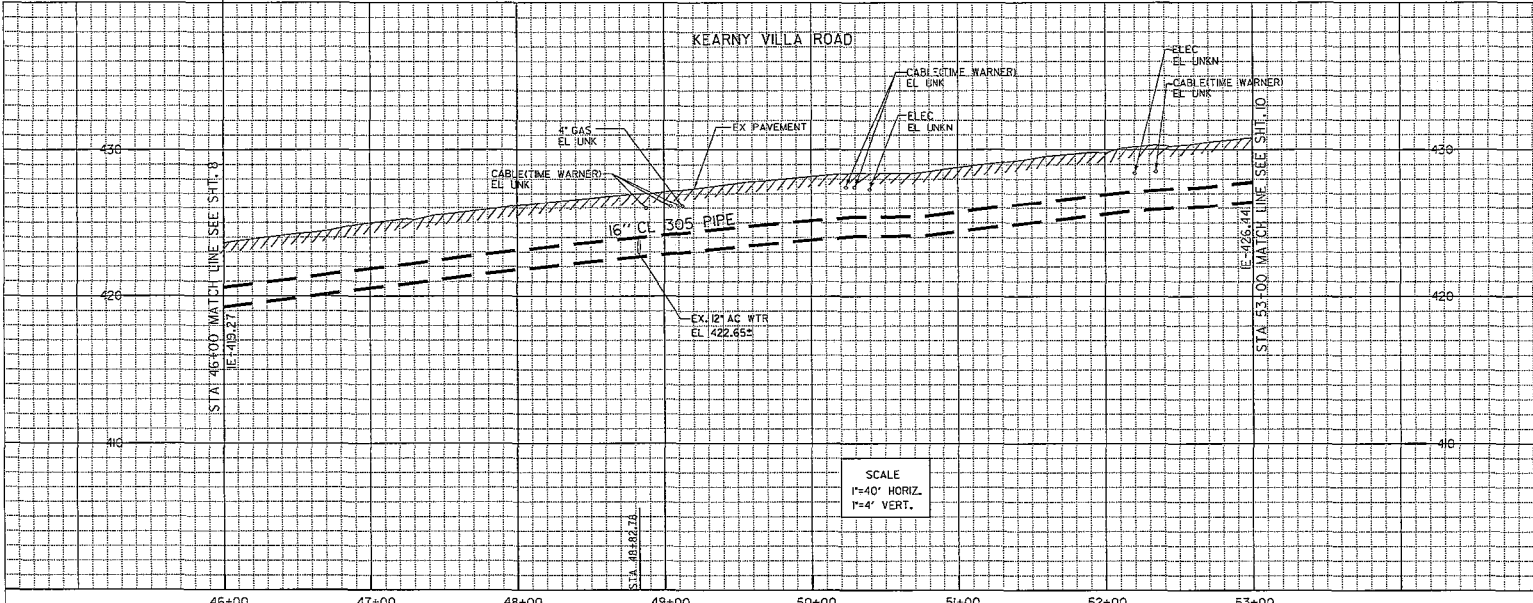
C-07

WATER GROUP 942
KEARNY VILLA ROAD
STA 38+0.00 TO STA. 46+0.00

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 08 OF 23 SHEETS		WATER WB	B-1038
FOR CITY ENGINEER WENDY GAMBOA	DATE 5/29/15	PROJECT MANAGER JEFF SORIANO	
DESIGNED BY ED/MAN	APPROVED DATE 6/29/15	PROJECT ENGINEER MAHYAR NAZKI	
ORIGINAL		CONTRACT NUMBER 230-1719	
ADDENDUM A		IB TO-6275	
		CONTRACT COORDINATOR 0289 COORDINATOR	
CONTRACTOR	DATE STARTED	PROJECT NUMBER 37476-08-D	
INSPECTOR	DATE COMPLETED		



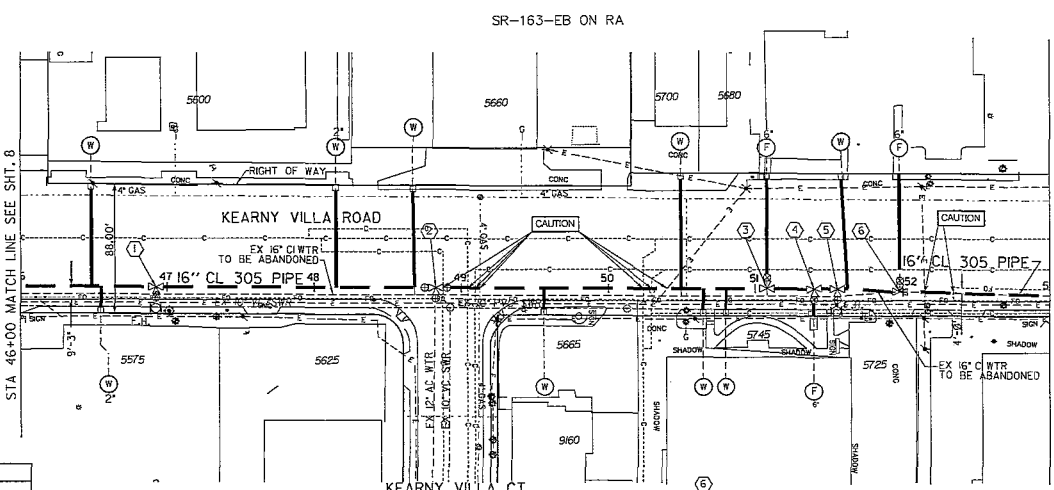
KEARNY VILLA ROAD



Alignment No.1

Element: Linear	PI 46+82.49	1885408.25	6289511.98
	PT 48+82.78	1885546.07	6289643.18
Tangential Direction:	N 43°55'23" E		
Tangential Length:	190.29		
Element: Linear	PI 46+82.78	1885546.07	6289643.18
	PI 51+55.72	1885742.95	6289827.22
Tangential Direction:	N 43°50'11" E		
Tangential Length:	272.54		
Element: Linear	PI 51+55.72	1885742.95	6289832.22
	PI 53+29.43	1885863.93	6289948.38
Tangential Direction:	N 43°50'04" E		
Tangential Length:	167.71		

SEE SHEET 10



- ① BY CONTRACTOR FURNISH AND INSTALL
STA 46+92.49
1- 16" X 6" TEE (M,J, F)
1- 6" FH (3-PORT) ASSY AND MARKER
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 48+82.78
1- 16" X 2" TEE (F, F, M,J)
2- 16" BUTTERFLY VALVES (F, M,J) BK, AND
1- 2" GATE VALVE (F, M,J) RT
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 51+00.00
1- 16" X 6" TEE (M,J,M,J,F)
1- 6" FIRE SERVICE CONNECTION & ASSEMBLY, LT
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA 51+00.00
1- 16" X 6" TEE (M,J,M,J,F)
1- 6" FIRE SERVICE CONNECTION & ASSEMBLY, RT

- ⑤ BY CONTRACTOR FURNISH AND INSTALL
STA 51+55.68
1- 16" X 6" TEE (M,J, F)
1- 6" FH (3-PORT) ASSY AND MARKER

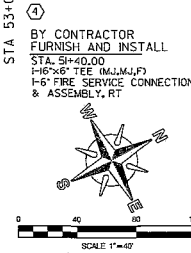
REFERENCE:
WATER: 17785-2-D
STORM DRAIN: 0
GAS: I5952-I9155
ELECTRIC: I40612-dgn
CABLE: TV-ATA7
TELEPHONE:
IMPROVEMENTS:
100' SCALE FIELD BOOK: G45
THOMAS BROS. 1249 B5
HGL: 600

RETIREMENTS:
16" - CI - 700' - 1900
FH (3-PORT) - 2
1" SERVICE - 7 - MATERIAL - 1900
2" SERVICE - 2 - MATERIAL - 1900
6" FIRE SERVICE - 3

CAUTION
4" HP GAS! CONTRACTOR TO VERIFY EXACT LOCATION AND MUST NOTIFY SDG&E THREE (3) WEEKS IN ADVANCE PRIOR TO EXCAVATION. SDG&E STANDBY REQUIRED.

CAUTION:
USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.

- ⑤ BY CONTRACTOR FURNISH AND INSTALL
STA 51+98.00
1- 16" X 6" TEE (M,J,M,J,F)
1- 6" FIRE SERVICE CONNECTION & ASSEMBLY, LT

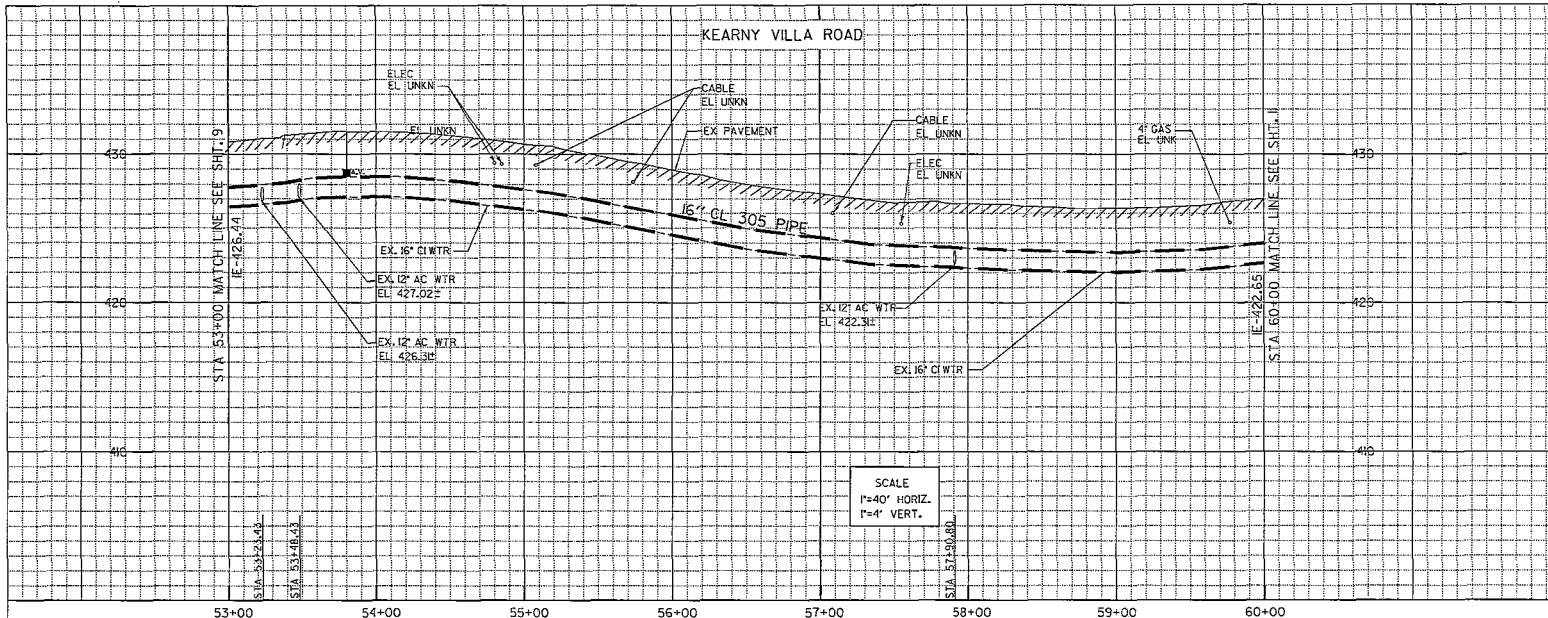


C-08

WATER GROUP 942
KEARNY VILLA ROAD
STA 46+0.00 TO STA 53+0.00

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 09 OF 23 SHEETS		WATER WBS	B-1038
DATE: 5/23/05		PROJECT MANAGER	JEFF SORIANO
FOR CITY ENGINEER: WENDY GAMBOLA		PROJECT ENGINEER	MAHYAR NAVAZI
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	WJ/AM		6/29/05
ADDENDUM A	WJ/AM		6/29/05
CONTRACTOR	DATE STARTED	1870-6279	CS&S CORPORATION
INSPECTOR	DATE COMPLETED	37476-09-D	

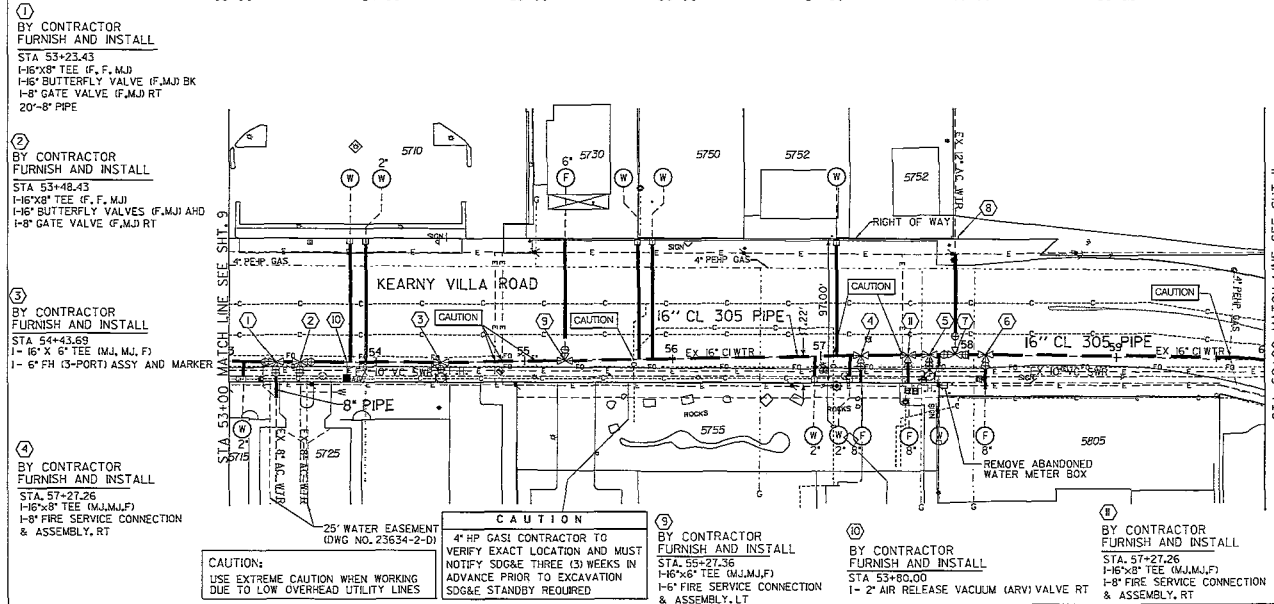
KEARNY VILLA ROAD



Alignment No.1

Element:	Linear	PI	53+23.43	1885863.93	6289948.38
		PT	53+48.43	1885881.32	6289969.68
		Tangential Direction:		N 43°47'10\"/>	
		Tangential Length:		25.00	
Element:	Linear	PI	53+48.43	1885881.32	6289965.68
		PT	54+43.69	1885950.80	6290031.52
		Tangential Direction:		N 43°43'57\"/>	
		Tangential Length:		93.26	
Element:	Linear	PI	54+43.69	1885950.80	6290031.52
		PT	55+27.36	1886111.27	6290089.37
		Tangential Direction:		N 43°43'17\"/>	
		Tangential Length:		83.68	
Element:	Linear	PI	55+27.36	1886111.27	6290089.37
		PT	57+27.26	1886155.96	6290277.30
		Tangential Direction:		N 43°39'27\"/>	
		Tangential Length:		66.54	
Element:	Linear	PI	57+27.26	1886155.96	6290277.30
		PT	57+90.80	1886189.42	6290285.43
		Tangential Direction:		N 43°39'27\"/>	
		Tangential Length:		66.54	
Element:	Linear	PI	57+90.80	1886189.42	6290285.43
		PT	57+90.80	1886201.93	6290271.75
		Tangential Direction:		N 43°36'50\"/>	
		Tangential Length:		17.00	
Element:	Linear	PI	57+90.80	1886201.93	6290271.75
		PT	58+11.86	1886217.18	6290285.67
		Tangential Direction:		N 43°35'18\"/>	
		Tangential Length:		21.06	
Element:	Linear	PI	58+11.86	1886217.18	6290285.67
		PT	60+66.17	1886401.39	6290461.01
		Tangential Direction:		N 43°35'18\"/>	
		Tangential Length:		254.31	

SEE SHEET 5



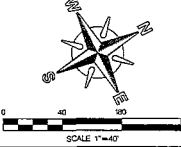
- ① BY CONTRACTOR FURNISH AND INSTALL
STA 53+23.43
1-16\"/>
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 53+48.43
1-16\"/>
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 54+43.69
1- 6\"/>
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA 57+27.26
1-16\"/>
- ⑤ BY CONTRACTOR FURNISH AND INSTALL
STA 57+30.80
1- 16\"/>
- ⑥ BY CONTRACTOR FURNISH AND INSTALL
STA 58+48.86
1-16\"/>
- ⑦ BY CONTRACTOR FURNISH AND INSTALL
STA 57+90.80
1-16\"/>
- ⑧ BY CITY FORCES AND OF CONTRACTOR
STA 57+90.80 6\"/>
- ⑨ BY CONTRACTOR FURNISH AND INSTALL
STA 57+27.26
1-16\"/>
- ⑩ BY CONTRACTOR FURNISH AND INSTALL
STA 53+80.00
1- 2\"/>

REFERENCE:
WATER: 22837-2-D
STORM DRAIN: 22837-2-D
GAS: 15352-RISES
ELECTRIC: IV0612.dgn
CABLE: TV AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE/FIELD BOOK: G145
THOMAS BROS.: 12x9 95
HCL: 600

RETIREMENTS:
16\"/>

C-09

WATER GROUP 942		WATER	MS	B-1038
KEARNY VILLA ROAD				
STA 53+0.00 TO STA 60+0.00				
STA 1+0.00 TO STA 1+15.33				
CITY OF SAN DIEGO, CALIFORNIA		PUBLIC WORKS DEPARTMENT		
SHEET 10 OF 23 SHEETS		DATE: 5/29/15		
PROJECT NAME: WENDY GAMBOA	DATE: 5/29/15	DESIGNED BY: JEFF SORIANO	CHECKED BY: WENDY GAMBOA	
DESCRIPTION: WATER GROUP	BY APPROVED DATE: FILMED	PROJECT NUMBER: 230-179	DRAWN BY: MAHYAR NAHEZ	
ADDENDUM A	DATE: 5/29/15	CSSY: COORDINATOR	PROJECT ENGINEER	
		CONTRACTOR: 37476-10-D	DATE COMPLETED:	



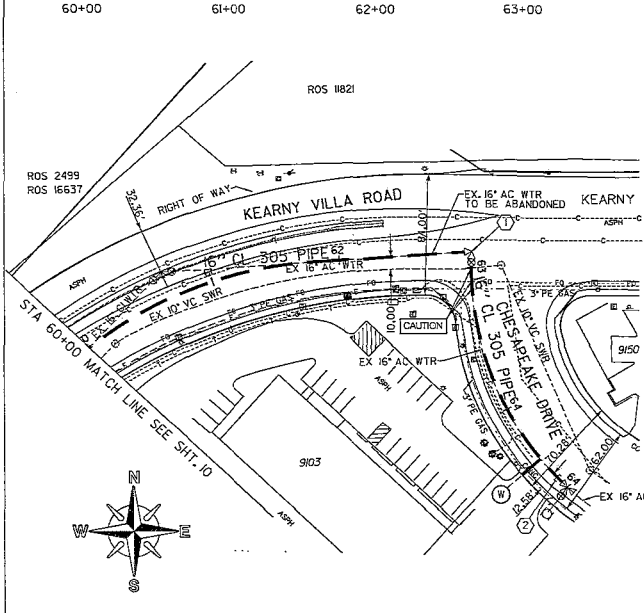
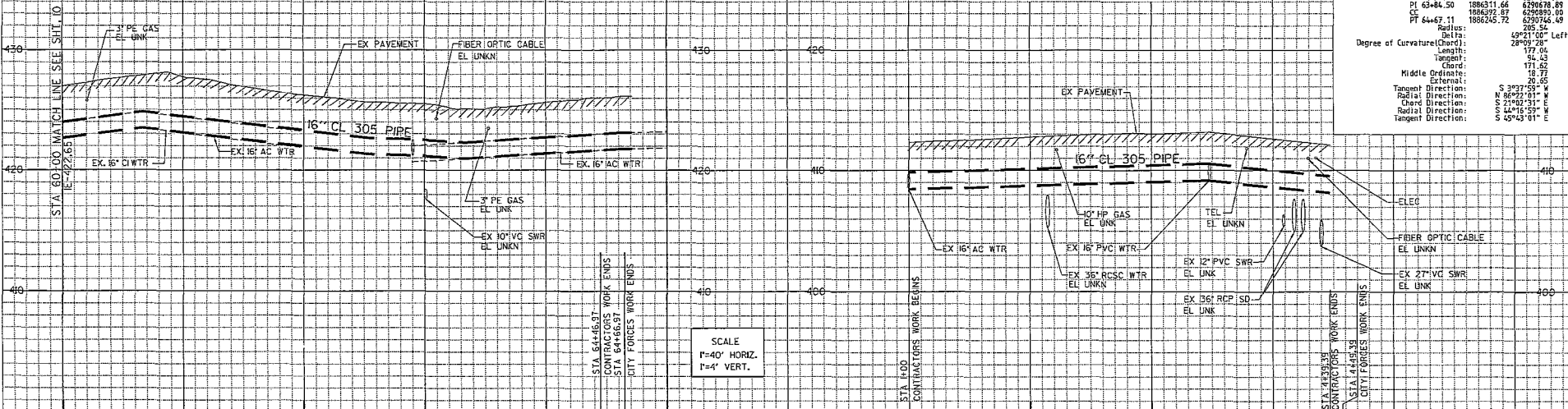
KEARNY VILLA ROAD

KEARNY VILLA ROAD

CHESAPEAKE DRIVE

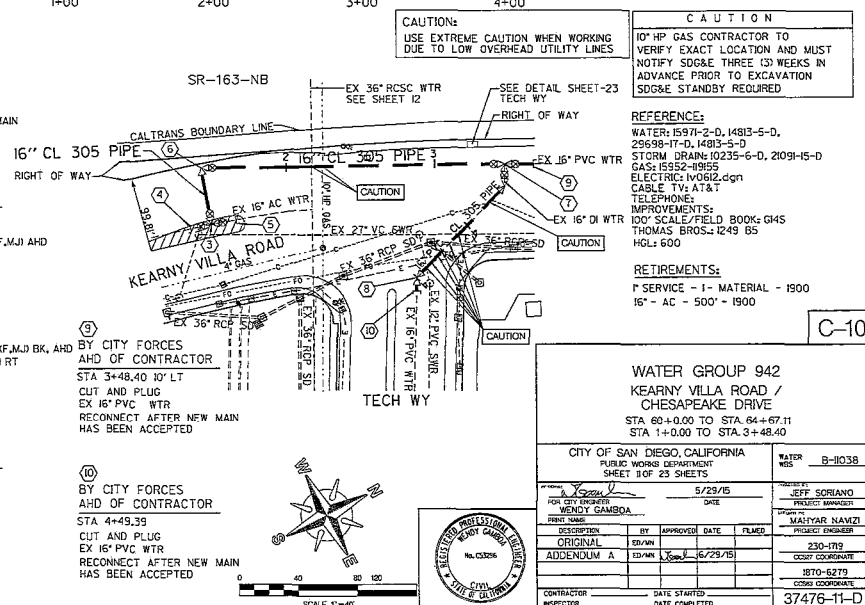
KEARNY VILLA ROAD

Element:	Linear	PI 60+66.17	1886401.39	6290461.01
		PC 62+90.07	1886405.90	6290684.87
		Tangential Direction:	N 69°50'45" E	
		Tangential Length:	223.90	
Element:	Circular	PI 60+66.17	1886401.39	6290461.01
		PC 63+84.50	1886311.66	6290678.89
		PT 64+67.11	1886392.87	6290890.00
		PT 64+67.11	1886245.72	6290746.48
		Radius:	205.54	
		Delta:	49°21'00"	Left
		Degree of Curvature(Chord):	28°09'28"	
		Length:	177.04	
		Chord:	94.03	
		Middle Ordinate:	171.62	
		External:	20.55	
		Tangent Direction:	S 39°35'11" W	
		Radial Direction:	N 66°22'01" W	
		Chord Direction:	S 21°42'31" E	
		Radial Direction:	S 64°16'22" W	
		Tangent Direction:	S 45°43'01" E	



- ① BY CONTRACTOR FURNISH AND INSTALL
STA 62+90.07
16" 90° BEND (F,M,J)
16" BUTTERFLY VALVE (F,M,J) AHD
- ② BY CITY FORCES AHD OF CONTRACTOR
STA 64+56.97
CUT AND PLUG
EX 16" AC WTR
RECONNECT TO EXISTING FIRE HYDRANT TEE AT STA 64+66.97 AFTER NEW MAIN HAS BEEN ACCEPTED
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 1+00
1-16" 106" TEE (F)
3-16" BUTTERFLY VALVES (F,M,J) BK. LT, RT
- ④ BY CITY FORCES AHD OF CONTRACTOR
STA 1+00 10" LT
CUT AND PLUG
EX 16" AC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED

- ⑤ BY CITY FORCES AHD OF CONTRACTOR
STA 1+00 10" RT
CUT AND PLUG
EX 16" AC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ⑥ BY CONTRACTOR FURNISH AND INSTALL
STA 1-39.15
16" 90° BEND (F)
16" BUTTERFLY VALVE (F,M,J) AHD
- ⑦ BY CONTRACTOR FURNISH AND INSTALL
STA 3+48.40
1-16" 106" TEE (F)
2-16" BUTTERFLY VALVES (F,M,J) BK. AHD
1-16" BUTTERFLY VALVE (F) RT
1-16" 45° BEND (F,M,J) RT
90° 16" PVC PIPE
- ⑧ BY CONTRACTOR FURNISH AND INSTALL
STA 4+39.39
1-16" 45° BEND (M,J)
- ⑩ BY CITY FORCES AHD OF CONTRACTOR
STA 4+49.39
CUT AND PLUG
EX 16" PVC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED



CAUTION:
USE EXTREME CAUTION WHEN WORKING
DUE TO LOW OVERHEAD UTILITY LINES

CAUTION
10" HP GAS CONTRACTOR TO VERIFY EXACT LOCATION AND MUST NOTIFY SDG&E THREE (3) WEEKS IN ADVANCE PRIOR TO EXCAVATION SDG&E STANDBY REQUIRED

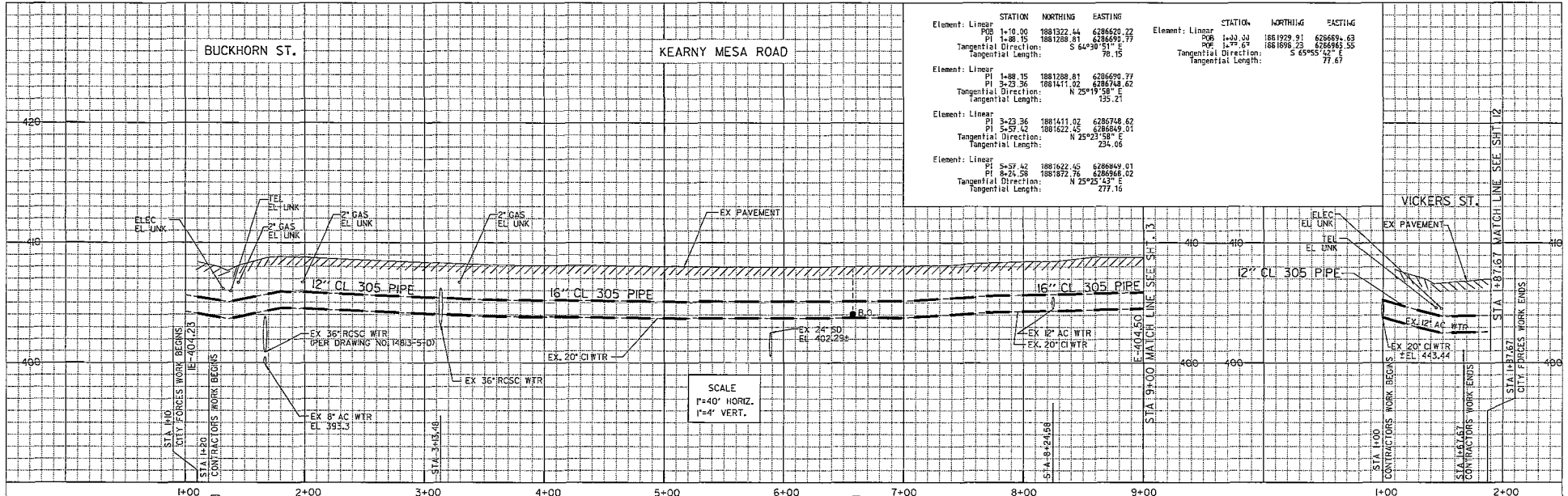
REFERENCE:
WATER: 15971-2-D, 14813-5-D, 25698-17-D, 14813-5-D
STORM DRAIN: 10235-6-D, 21091-15-D
GAS: 15552-10B55
ELECTRIC: I\0612.dgn
CABLE, TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE FIELD BOOK: GMS
THOMAS BROS-1249 BS
HGL: 600

RETIREMENTS:
P SERVICE - 1 - MATERIAL - 1900
16" - AC - 500" - 1900

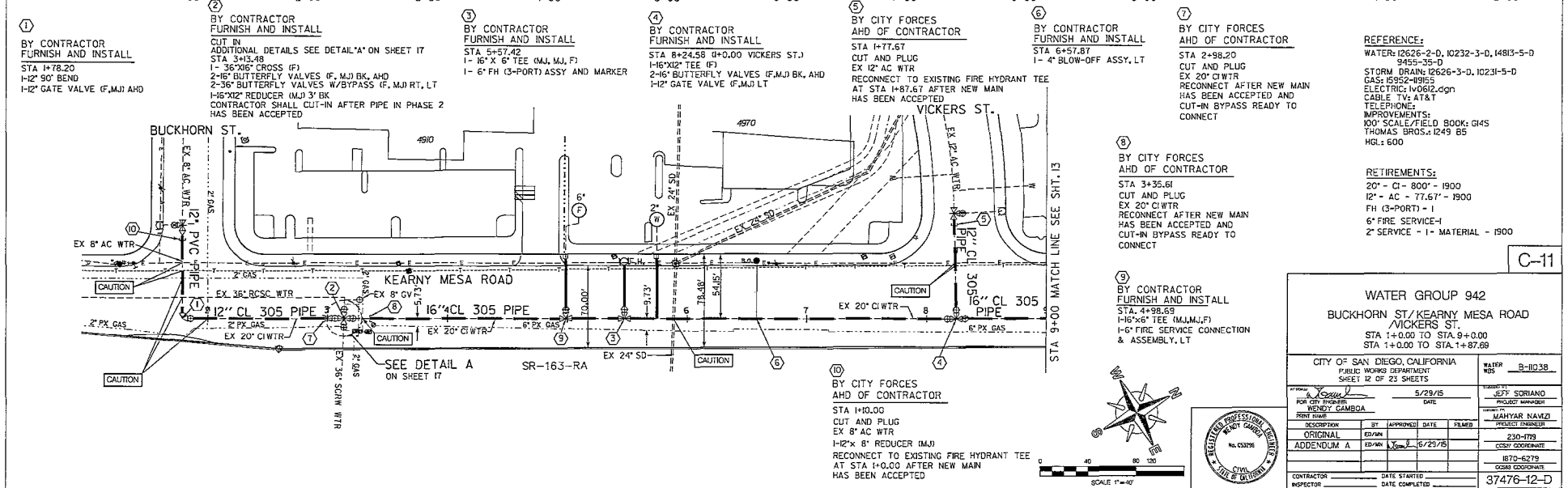
WATER GROUP 942
KEARNY VILLA ROAD /
CHESAPEAKE DRIVE
STA 60+0.00 TO STA. 64+67.11
STA 1+0.00 TO STA. 3+48.40

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 11 OF 23 SHEETS		DATE 5/23/15	WATER MSB 8-10338
FOR CITY ENGINEER WENDY GAMBINO		DATE 6/23/15	PROJECT MANAGER JEFF SORIANO
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	SD/MN		
ADDENDUM A	SD/MN		6/23/15
CONTRACTOR INSPECTOR		DATE STARTED	DATE COMPLETED
			37476-11-D

KEARNY VILLA ROAD / CHESAPEAKE DRIVE



Element:	Linear	STATION	NORTHING	EASTING
PI	1+10.00	1881222.44	6286620.22	
POB	1+88.15	1881228.81	6286691.77	
Tangential Direction:		S 64°30'51\"/>		
Tangential Length:		78.15		
Element:	Linear	STATION	NORTHING	EASTING
PI	1+88.15	1881288.81	6286690.77	
POB	3+23.36	1881411.02	6286748.62	
Tangential Direction:		N 2°49'58\"/>		
Tangential Length:		135.21		
Element:	Linear	STATION	NORTHING	EASTING
PI	3+23.36	1881411.02	6286748.62	
POB	5+57.42	1881622.45	6286849.01	
Tangential Direction:		N 25°23'58\"/>		
Tangential Length:		234.06		
Element:	Linear	STATION	NORTHING	EASTING
PI	5+57.42	1881622.45	6286849.01	
POB	8+24.58	1881872.76	6286956.02	
Tangential Direction:		N 23°25'43\"/>		
Tangential Length:		277.16		

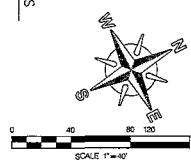


- ① BY CONTRACTOR FURNISH AND INSTALL
STA 1+78.20
1-1/2 90° BEND
1-1/2\"/>
- ② BY CONTRACTOR FURNISH AND INSTALL
CUT IN
ADDITIONAL DETAILS SEE DETAIL 'A' ON SHEET 'I'
STA 3+13.48
1- 3/8\"/>
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 5+57.42
1- 16\"/>
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA 8+24.58 (0+0.00 VICKERS ST.)
1-1/2\"/>
- ⑤ BY CITY FORCES AHD OF CONTRACTOR
STA 1+77.57
CUT AND PLUG
EX 12\"/>
- ⑥ BY CONTRACTOR FURNISH AND INSTALL
STA 6+57.87
1- 4\"/>
- ⑦ BY CITY FORCES AHD OF CONTRACTOR
STA 2+98.20
CUT AND PLUG
EX 20\"/>
- ⑧ BY CITY FORCES AHD OF CONTRACTOR
STA 3+35.61
CUT AND PLUG
EX 20\"/>
- ⑨ BY CONTRACTOR FURNISH AND INSTALL
STA 4+98.58
1-1/2\"/>
- ⑩ BY CITY FORCES AHD OF CONTRACTOR
STA 1+00.00
CUT AND PLUG
EX 8\"/>

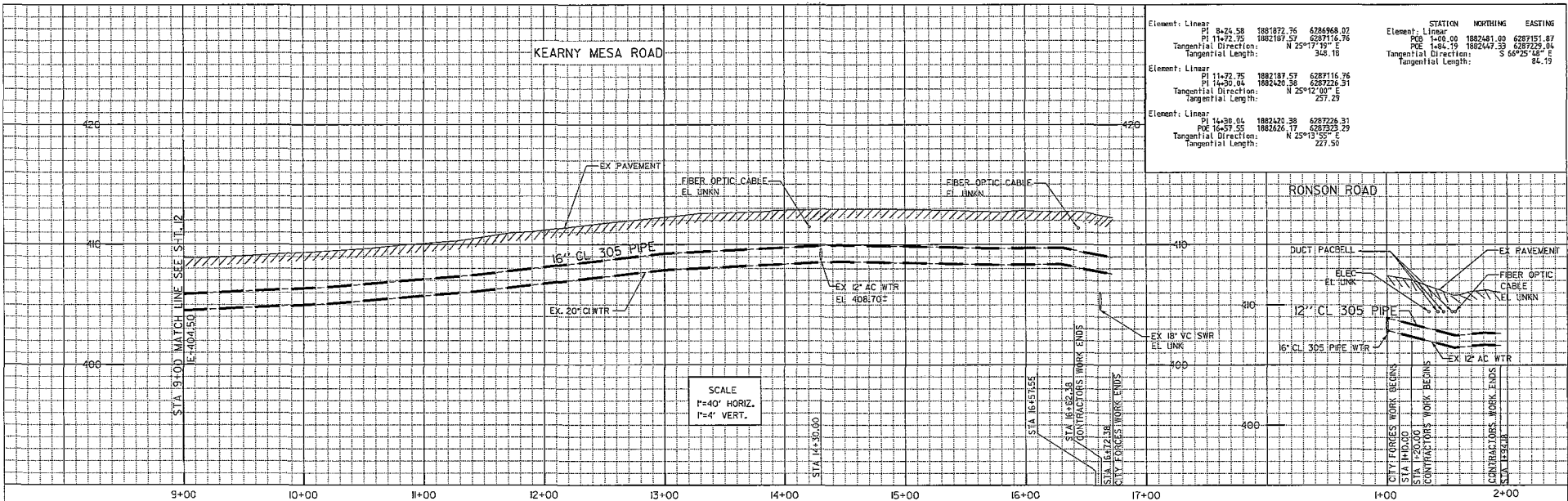
REFERENCE:
WATERS 12626-2-D, 10232-3-D, 14813-5-D
9465-35-D
STORM DRAIN: 12626-3-D, 10231-5-D
GAS: 15952-4955
ELECTRIC: 14062-001
CABLE TV: AT&T
TELEPHONE: IMPROVEMENTS:
100' SCALE/FIELD BOOK; G145
THOMAS BROS.; 1249 B5
HGL. + 600

RETIREMENTS:
20\"/>

WATER GROUP 942		WATER NO.	B-0038
BUCKHORN ST/KEARNY MESA ROAD			
VICKERS ST.			
STA 1+0.00 TO STA 9+0.00			
STA 1+0.00 TO STA 1+87.69			
CITY OF SAN DIEGO, CALIFORNIA		PROJECT NUMBER	
PUBLIC WORKS DEPARTMENT		DATE	5/23/15
SHEET 12 OF 23 SHEETS		DESIGNED BY	WENDY CAMBDA
FOR CITY ENGINEER		BY	WENDY CAMBDA
APPROVED		DATE	5/23/15
ORIGINAL	DATE	SCALE	230-479
ADDENDUM A	DATE	COORDINATE	1870-6279
CONTRACTOR	DATE STARTED	CROSS COORDINATE	37476-12-D
INSPECTOR	DATE COMPLETED		



BUCKHORN ST/KEARNY MESA ROAD/VICKERS ST.

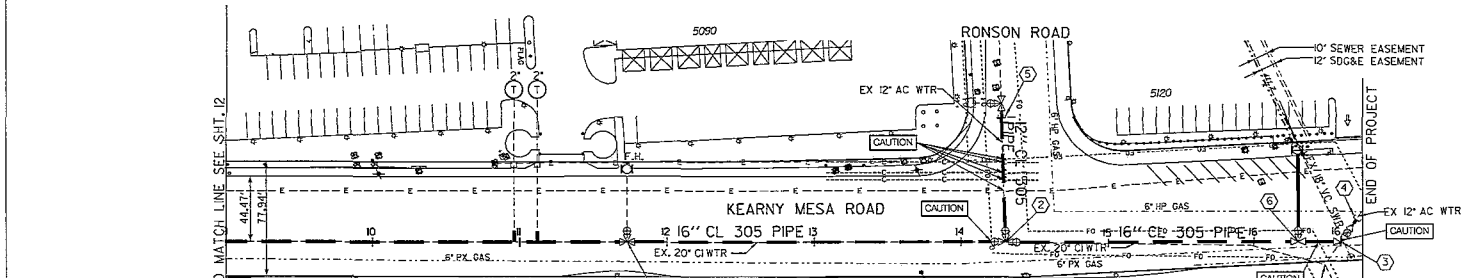


Element	Linear	Station	Northing	Easting
Element: Linear	PI 8+24.58	1881872.76	6286968.02	
	PI 11+72.75	1882197.57	6287116.76	
	PCE 1+84.19	1882447.33	6287229.04	
		Tangential Direction:	N 25°17'19" E	
		Tangential Length:	348.16	
Element: Linear	PI 11+72.75	1882187.57	6287116.76	
	PI 14+30.04	1882426.36	6287226.51	
	PCE 1+84.19	1882447.33	6287229.04	
		Tangential Direction:	N 25°12'10" E	
		Tangential Length:	257.29	
Element: Linear	PI 1+30.04	1882420.38	6287226.31	
	PI 16+57.55	1882426.17	6287235.29	
	PCE 1+84.19	1882447.33	6287229.04	
		Tangential Direction:	N 25°13'57" E	
		Tangential Length:	227.50	

SCALE
1"=40' HORIZ.
1"=4' VERT.

STA 9+00 MATCH LINE SEE SHIT. 12
E=404.50

STA 9+00 MATCH LINE SEE SHIT. 12
E=44.47
E=77.94



REFERENCE:
 WATER: 10232-3-D, 4709-0-D
 STORM DRAIN: GAS: I5932-10155
 ELECTRIC: M0612.dgn
 CABLE TV: AT&T
 TELEPHONE:
 IMPROVEMENTS:
 100' SCALE FIELD BOOK: G45
 THOMAS BROS. 1249 BS
 HCL: 600

RETIREMENTS:
 20" - CI - 759.18' - 1900
 12" - AC - 84.99' - 1900
 FH (3-PORT) - 2

① BY CONTRACTOR FURNISH AND INSTALL
 STA 11+72.75
 1- 16" X 6" TEE (M.J, M.J, F)
 1- 6" FH CONNECTION AND MARKER
 1- 6" GATE VALVE (F, M, J, LT)

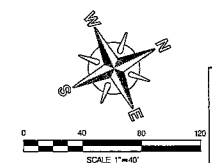
② BY CONTRACTOR FURNISH AND INSTALL
 STA 14+30.04 (I-94) RONSON RD.)
 1- 16" X 12" TEE (F)
 2- 16" BUTTERFLY VALVE (F, M, J, BK, AHD)
 1- 12" GATE VALVE (F, M, J, LT)

③ BY CONTRACTOR FURNISH AND INSTALL
 STA 16+57.55
 1- 16" 45° BEND (F, M, J)
 1- 12" GATE VALVE (F, M, J) AHD
 1- 16" X 12" REDUCER (M, J) 3' AHD

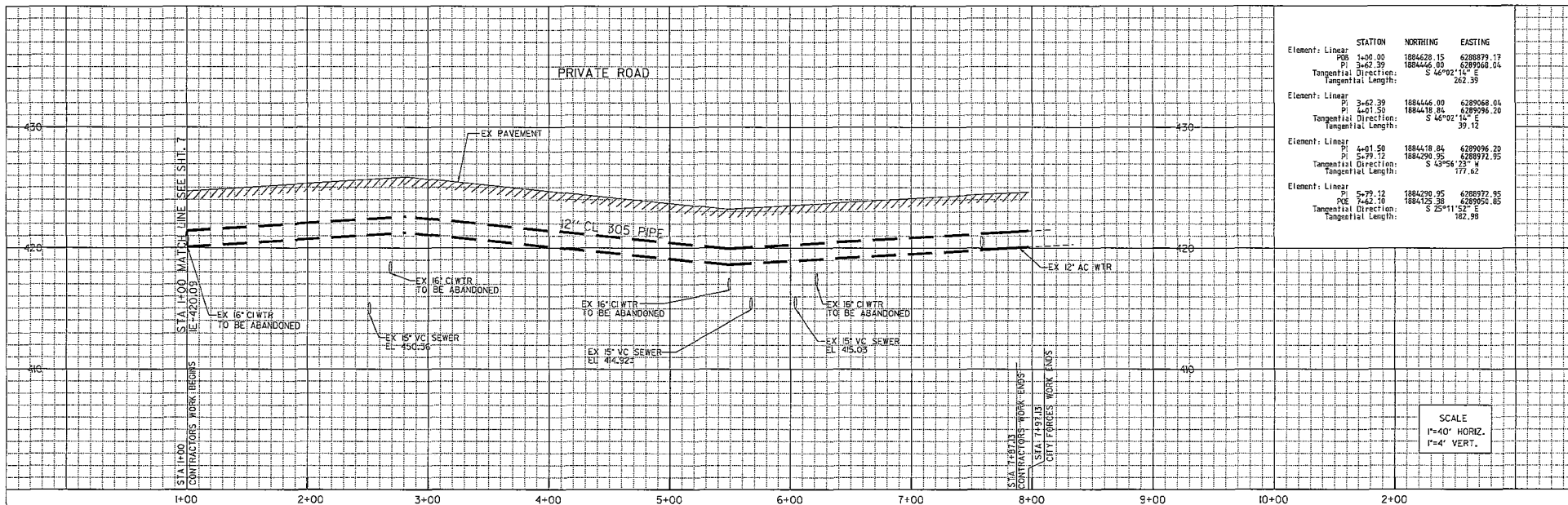
④ BY CITY FORCES AHD OF CONTRACTOR
 STA 16+72.38
 CUT AND PLUG
 EX 12" AC WTR
 RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED

⑤ BY CITY FORCES AHD OF CONTRACTOR
 STA 14+00.00
 CUT AND PLUG
 EX 12" AC WTR
 RECONNECT TO EXISTING FIRE HYDRANT TEE AT STA 1+00.00 AFTER NEW MAIN HAS BEEN ACCEPTED

⑥ BY CONTRACTOR FURNISH AND INSTALL
 STA 16+30.00
 1- 16" X 6" TEE (M, J, M, J, F)
 1- 6" FH (3-PORT) ASSY AND MARKER

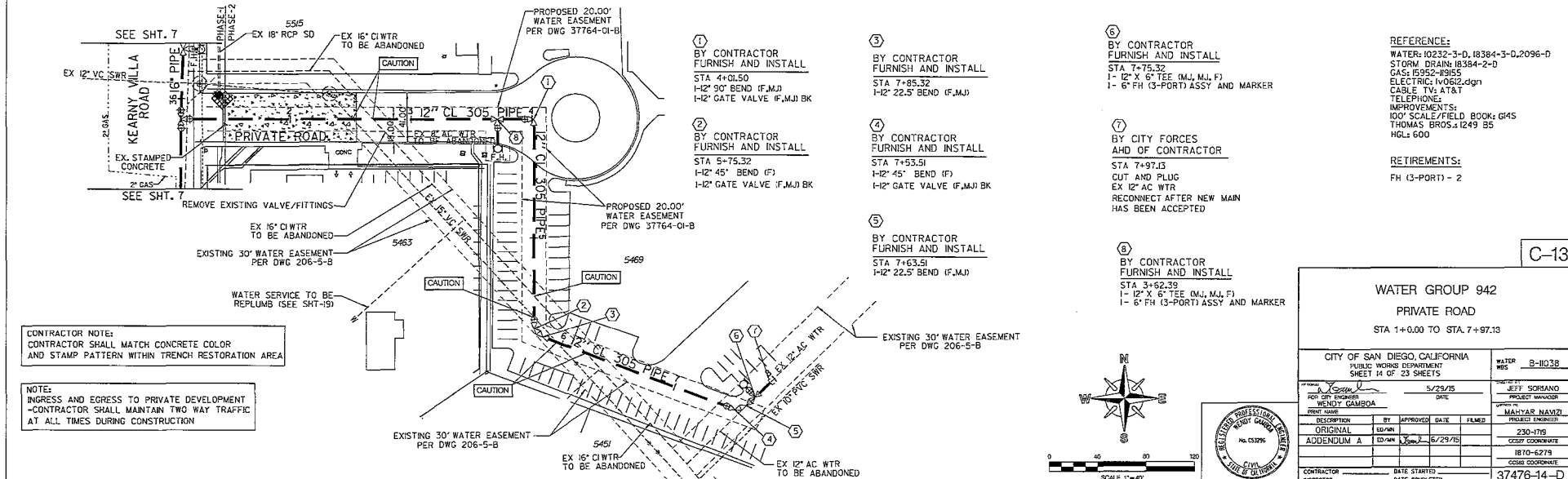


WATER GROUP 942		METER NO.	
KEARNY MESA ROAD		B-8038	
STA 9+0.00 TO STA. 16+48.56			
STA 1+0.00 TO STA. 1+94.17			
CITY OF SAN DIEGO, CALIFORNIA			
PUBLIC WORKS DEPARTMENT			
SHEET 13 OF 23 SHEETS			
DATE	5/23/15	PROJECT MANAGER	JEFF SCORIANO
FOR CITY MANAGER	WENDY GAMBOA	PROJECT NUMBER	230-1769
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	ED/AM		6/23/15
ADDENDUM A	ED/AM		6/23/15
CONTRACTOR		DATE STARTED	1810-6279
INSPECTOR		DATE COMPLETED	37476-13-D



Element:	Station	NORTHING	EASTING
Linear	PI 1+00.00	1884428.15	6288879.17
	PI 3+62.39	1884446.00	6289068.04
	Tangential Direction:	S 46°02'14\"/>	
Linear	PI 3+62.39	1884446.00	6289068.04
	PI 4+01.50	1884418.84	6289096.20
	Tangential Direction:	S 46°02'14\"/>	
Linear	PI 4+01.50	1884418.84	6289096.20
	PI 5+79.12	1884290.95	6288972.95
	Tangential Direction:	S 43°56'23\"/>	
Linear	PI 5+79.12	1884290.95	6288972.95
	PI 7+62.10	1884123.38	6289004.63
	Tangential Direction:	S 25°11'52\"/>	

SCALE
1"=40' HORIZ.
1"=4' VERT.



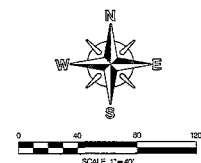
- ① BY CONTRACTOR FURNISH AND INSTALL
STA 4+01.50
1-12" 90° BEND (F,M,J) BK
1-12" GATE VALVE (F,M,J) BK
- ② BY CONTRACTOR FURNISH AND INSTALL
STA 5+75.32
1-12" 45° BEND (F)
1-12" GATE VALVE (F,M,J) BK
- ③ BY CONTRACTOR FURNISH AND INSTALL
STA 7+85.32
1-12" 22.5° BEND (F,M,J)
- ④ BY CONTRACTOR FURNISH AND INSTALL
STA 7+53.51
1-12" 45° BEND (F)
1-12" GATE VALVE (F,M,J) BK
- ⑤ BY CONTRACTOR FURNISH AND INSTALL
STA 7+63.51
1-12" 22.5° BEND (F,M,J)
- ⑥ BY CONTRACTOR FURNISH AND INSTALL
WATER: 10232-3-D, 18384-3-D, 2096-D
STORM DRAIN: 18384-2-D
GAS: 19592-19592
ELECTRIC: 19082.dgn
CABLE TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE FIELD BOOK: G45
THOMAS BROS.: 1249 B5
HGL: 500
- ⑦ BY CITY FORCES AND OF CONTRACTOR
STA 7+97.13
CUT AND PLUG
EX 12" AC WTR
RECONNECT AFTER NEW MAIN HAS BEEN ACCEPTED
- ⑧ BY CONTRACTOR FURNISH AND INSTALL
STA 3+62.39
1-12" X 6" TEE (M,J,M,F)
1-6" FH (3-PORT) ASSY AND MARKER

REFERENCE:
WATER: 10232-3-D, 18384-3-D, 2096-D
STORM DRAIN: 18384-2-D
GAS: 19592-19592
ELECTRIC: 19082.dgn
CABLE TV: AT&T
TELEPHONE:
IMPROVEMENTS:
100' SCALE FIELD BOOK: G45
THOMAS BROS.: 1249 B5
HGL: 500

RETIREMENTS:
FH (3-PORT) - 2

CONTRACTOR NOTES:
CONTRACTOR SHALL MATCH CONCRETE COLOR AND STAMP PATTERN WITHIN TRENCH RESTORATION AREA

NOTE:
INGRESS AND EGRESS TO PRIVATE DEVELOPMENT - CONTRACTOR SHALL MAINTAIN TWO WAY TRAFFIC AT ALL TIMES DURING CONSTRUCTION

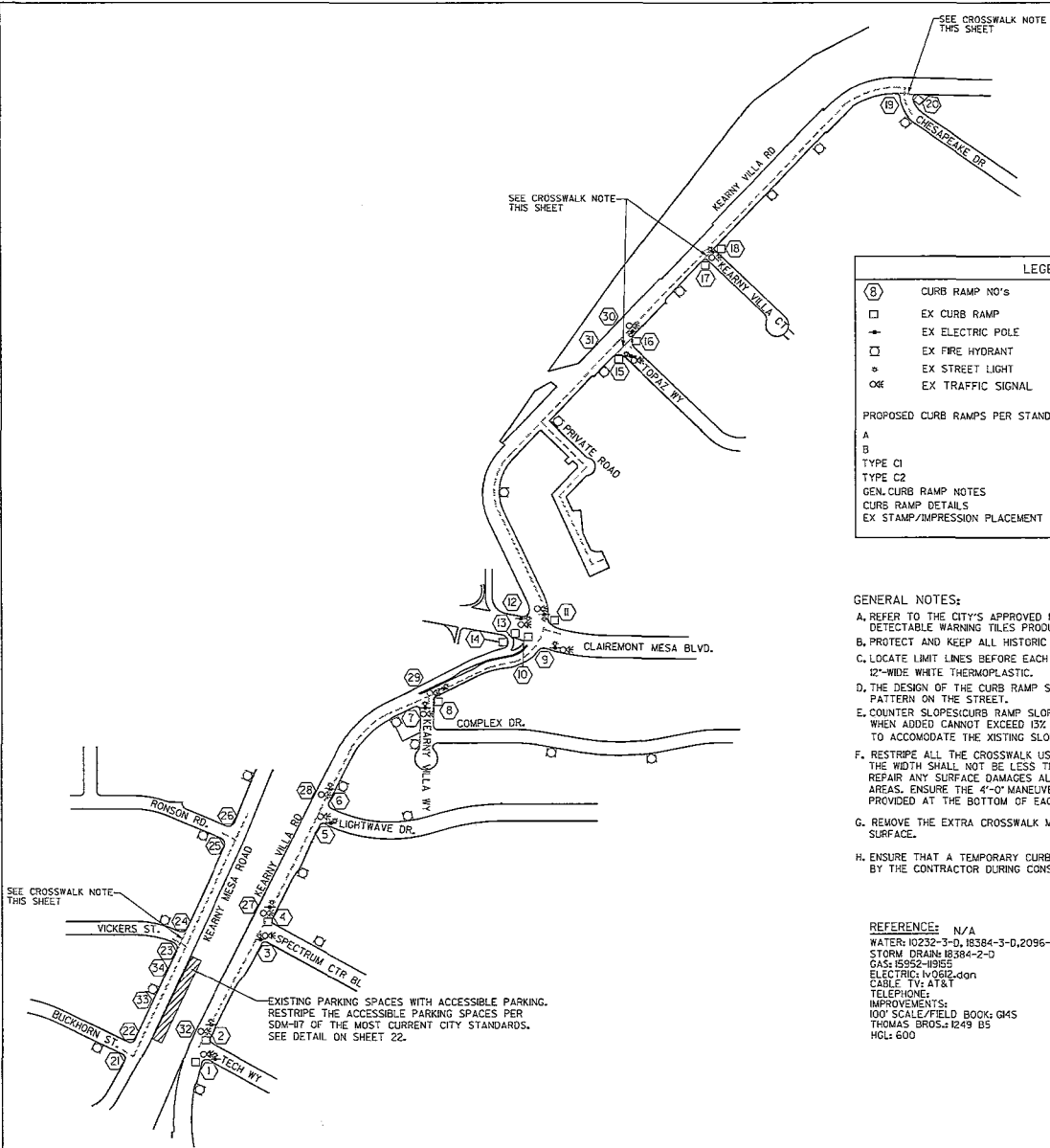


WATER GROUP 942 PRIVATE ROAD STA 1+0.00 TO STA. 7+97.13		WATER HGL: B-11038
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 14 OF 23 SHEETS		PROJECT MANAGER JEFF SORIANO
DATE: 5/29/15	DATE: 6/29/15	PROJECT NUMBER 230-175
DESIGNER: WENDY GAMBOA	BY: WENDY GAMBOA	CROSS COORDINATE 1810-6273
ORIGINAL	ED/AN	CONTRACTOR DATE STARTED
ADDENDUM A	ED/AN	DATE COMPLETED
CONTRACTOR: DATE STARTED		37476-14-D
INSPECTOR: DATE COMPLETED		

C-13

ADDENDUM A

PRIVATE ROAD



LEGEND

(B) CURB RAMP NO'S

□ EX CURB RAMP

— EX ELECTRIC POLE

⊕ EX FIRE HYDRANT

⊙ EX STREET LIGHT

⊕ EX TRAFFIC SIGNAL

PROPOSED CURB RAMP PER STANDARD DRAWINGS:

A SDG-132

B SDG-132

TYPE C1 SDG-134

TYPE C2 SDG-135

GEN. CURB RAMP NOTES SDG-130

CURB RAMP DETAILS SDG-137

EX STAMP/IMPRESSION PLACEMENT SDG-85

- GENERAL NOTES:**
- A. REFER TO THE CITY'S APPROVED MATERIALS LIST FOR DETECTABLE WARNING TILES PRODUCTS.
- B. PROTECT AND KEEP ALL HISTORIC STAMPS WITHIN THE SIDEWALKS.
- C. LOCATE LIMIT LINES BEFORE EACH CURB RAMP. RESTRIPE USING 12"-WIDE WHITE THERMOPLASTIC.
- D. THE DESIGN OF THE CURB RAMP SHALL NOT EFFECT THE DRAINAGE PATTERN ON THE STREET.
- E. COUNTER SLOPES/CURB RAMP SLOPE PLUS STREET SLOPE) WHEN ADDED CANNOT EXCEED 13%. CHECK ALL CURB RAMP SLOPE TO ACCOMMODATE THE EXISTING SLOPE OF THE STREET.
- F. RESTRIPE ALL THE CROSSWALK USING 12" THERMOPLASTIC. THE WIDTH SHALL NOT BE LESS THAN 10'-0". PATCH AND REPAIR ANY SURFACE DAMAGES ALONG THE CROSSWALK AREAS. ENSURE THE 4'-0" MANEUVERING CLEARANCE IS PROVIDED AT THE BOTTOM OF EACH CURB RAMP.
- G. REMOVE THE EXTRA CROSSWALK MARKINGS ON THE ROAD SURFACE.
- H. ENSURE THAT A TEMPORARY CURB RAMP ACCESS IS PROVIDED BY THE CONTRACTOR DURING CONSTRUCTION.

REFERENCE: N/A

WATER: 10232-3-D, 18384-3-D, 2096-D

STORM DRAIN: 18384-2-D

GAS: 15952-18955

ELECTRIC: 10612-don

CABLE TV: AT&T

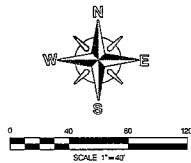
TELEPHONE: IMPROVEMENTS:

100' SCALE/FIELD BOOK: GMS

THOMAS BROS.: 1249 B5

HCL: 600

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



CURB RAMP NOTES TABLE

LOCATION	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMPS	TRUNCATED DOME MATERIAL	STAINLESS STEEL	OTHER	CONSTRAINTS	COMMENTS / MODIFICATIONS
1	EX	-	-	-	-	-	-	-	RESTRIPE CROSS WALK PER FIG. 406.6 ON SHEET 22
2	EX	-	-	-	-	-	-	-	N/A
3	A	-	X	-	X	-	-	-	"NO PED. CROSSING USE CROSSWALK" SIGN: SALVAGE AND REINSTALL (SDE-103)
4	EX	-	-	-	-	-	-	-	RESTRIPE CROSS WALK PER FIG. 406.6 ON SHEET 22
5	A	-	X	-	X	-	-	-	"NO PED. CROSSING USE CROSSWALK" SIGN: SALVAGE AND REINSTALL (SDE-103)
6	A	-	X	-	X	-	-	-	RESTRIPE CROSS WALK PER FIG. 406.6 ON SHEET 22
7	A	-	X	-	X	-	-	-	"NO PED. CROSSING USE CROSSWALK" SIGN: SALVAGE AND REINSTALL (SDE-103)
8	EX	-	-	-	-	-	-	-	N/A
9	EX	-	-	-	-	-	-	-	N/A
10	EX	-	-	-	-	-	-	-	N/A
11	EX	-	-	-	-	-	-	-	N/A
12	C1	-	X	-	X	-	-	-	ENSURE ADEQUATE GUTTER FLOW
13	EX	-	-	-	-	-	-	-	N/A
14	EX	-	-	-	-	-	-	-	N/A
15	EX	-	-	-	-	-	-	-	N/A
16	EX	-	-	-	-	-	-	-	N/A
17	EX	-	-	-	-	-	-	-	N/A
18	EX	-	-	-	-	-	-	-	N/A
19	C2	-	X	-	X	-	-	-	N/A
20	EX	-	-	-	-	-	-	-	N/A
21	A	-	X	-	X	-	-	-	ADJUST THE STOP LIMIT LINE BEHIND THE RAMP ENTRANCE
22	A	-	X	-	X	-	-	-	N/A
23	A	-	X	-	X	-	-	-	N/A
24	A	-	X	-	X	-	-	-	N/A
25	A	-	X	-	X	-	-	-	N/A
26	A	X	-	-	X	-	-	-	N/A
27	-	X	-	-	X	-	-	-	(SEE DETAIL ON SHT 23)
28	-	X	-	-	X	-	-	-	(SEE DETAIL ON SHT 23)
29	-	X	-	-	X	-	-	-	(SEE DETAIL ON SHT 23)
30	-	X	-	-	X	-	-	-	(SEE DETAIL ON SHT 23)
31	-	X	-	-	X	-	-	-	(SEE DETAIL ON SHT 23)
32	C1	-	X	-	X	-	-	-	MOVE PEDESTRIAN PUSH BOTTON (PPB) TO LANDING (SEE DETAIL ON SHT 23)
33	B	-	X	-	X	-	-	-	N/A
34	B	-	X	-	X	-	-	-	N/A

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

C-14

**WATER GROUP 942
CURB RAMP PLAN**

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 15 OF 23 SHEETS

DATE: 5/29/15

FOR CITY ENGINEER: MENDY GAMBOA

PROJECT MANAGER: JEFF SORIANO

PROJECT ENGINEER: MAHYAR NAMIZI

DESCRIPTION: ORIGINAL

DATE: 12/28/15

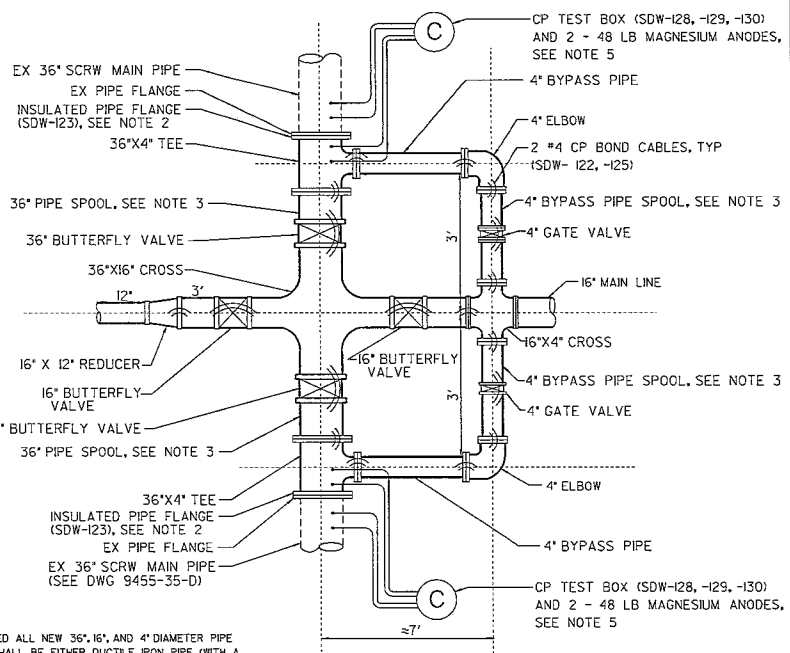
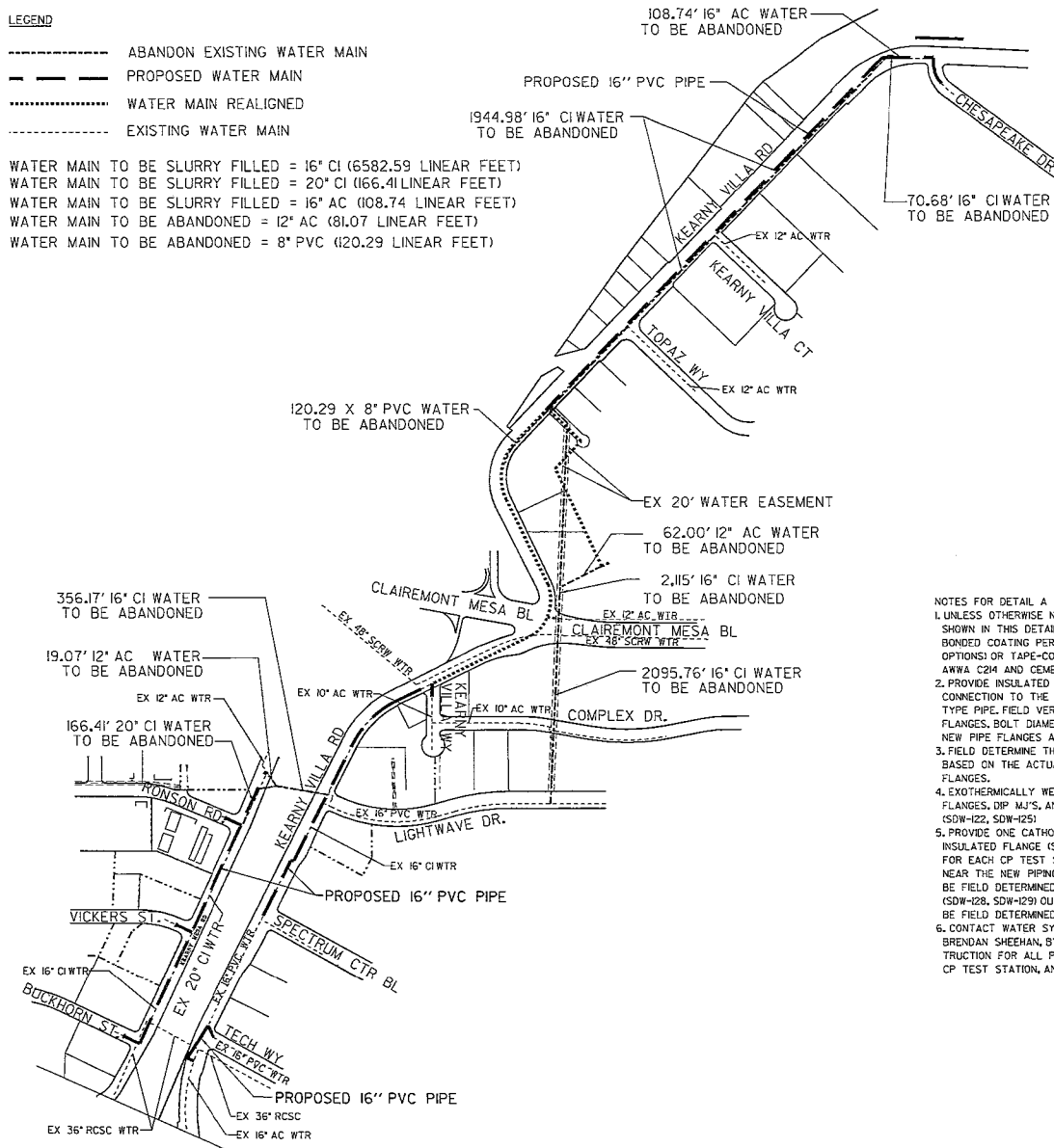
FILED: 230-179

CONTRACTOR: DATE STARTED: 3/74/76-15-D

INSPECTOR: DATE COMPLETED:

- LEGEND**
- ABANDON EXISTING WATER MAIN
 - PROPOSED WATER MAIN
 - WATER MAIN REALIGNED
 - - - - - EXISTING WATER MAIN

WATER MAIN TO BE SLURRY FILLED = 16" CI (6582.59 LINEAR FEET)
 WATER MAIN TO BE SLURRY FILLED = 20" CI (166.41 LINEAR FEET)
 WATER MAIN TO BE SLURRY FILLED = 16" AC (108.74 LINEAR FEET)
 WATER MAIN TO BE ABANDONED = 12" AC (81.07 LINEAR FEET)
 WATER MAIN TO BE ABANDONED = 8" PVC (120.29 LINEAR FEET)

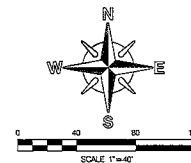


- NOTES FOR DETAIL A**
- UNLESS OTHERWISE NOTED ALL NEW 36", 16", AND 4" DIAMETER PIPE SHOWN IN THIS DETAIL SHALL BE EITHER DUCTILE IRON PIPE (WITH A BONDED COATING PER WHITE BOOK SECTION 207-9.2.4, FOUR COATING OPTIONS) OR TAPE-COATED WELDED STEEL PIPE (TAPE COATED PER AWWA C214 AND CEMENT MORTAR PER AWWA C205)
 - PROVIDE INSULATED FLANGES (SDW-123) AT THE TWO POINTS OF CONNECTION TO THE EXISTING 36" DIAMETER SCR (AWWA C-303) TYPE PIPE. FIELD VERIFY THE DIMENSIONS OF THE EXISTING PIPE FLANGES, BOLT DIAMETER, AND BOLT CIRCLE BEFORE ORDERING THE NEW PIPE FLANGES AND INSULATED FLANGE GASKETS.
 - FIELD DETERMINE THE REQUIRED LENGTHS OF THE PIPE SPOOLS BASED ON THE ACTUAL LOCATIONS OF THE TWO EXISTING 36" PIPE FLANGES.
 - EXOTHERMICALLY WELD CP BOND CABLES ACROSS ALL BOLTED FLANGES, DIP M.J.'S, AND ANY OTHER NON-WELDED PIPE JOINTS (SDW-122, SDW-125)
 - PROVIDE ONE CATHODIC PROTECTION TEST STATION FOR EACH INSULATED FLANGE (SDW-130) AND TWO 48 LB MAGNESIUM ANODES FOR EACH CP TEST STATION. DIRECT BURY THE ANODES UNDER OR NEAR THE NEW PIPING (NOT SHOWN). FINAL ANODE LOCATIONS WILL BE FIELD DETERMINED. INSTALL THE TWO NEW CP TEST BOXES (SDW-128, SDW-129) OUT OF TRAFFIC LANES (FINAL LOCATIONS WILL BE FIELD DETERMINED).
 - CONTACT WATER SYSTEMS OPERATIONS, CORROSION SECTION BRENDAN SHEEHAN, BY TELEPHONE (619) 527-5439 DURING CONSTRUCTION FOR ALL PIPE COATING, INSULATED FLANGE, CP BOND WIRE, CP TEST STATION, AND ANODE INSPECTIONS.

BYPASS DETAIL A (FROM SHEET 12)
 SCALE: 1" = 4'

NOTE:
 LOW OVERHEAD UTILITIES
 CONTRACTOR TO USE CAUTION
 AND PROTECT IN PLACE.

NOTE:
 CONTRACTOR TO COORDINATE WITH
 WATER OPERATIONS TO SHUT DOWN
 36" MAIN FOR DURATION OF CUT-RL.

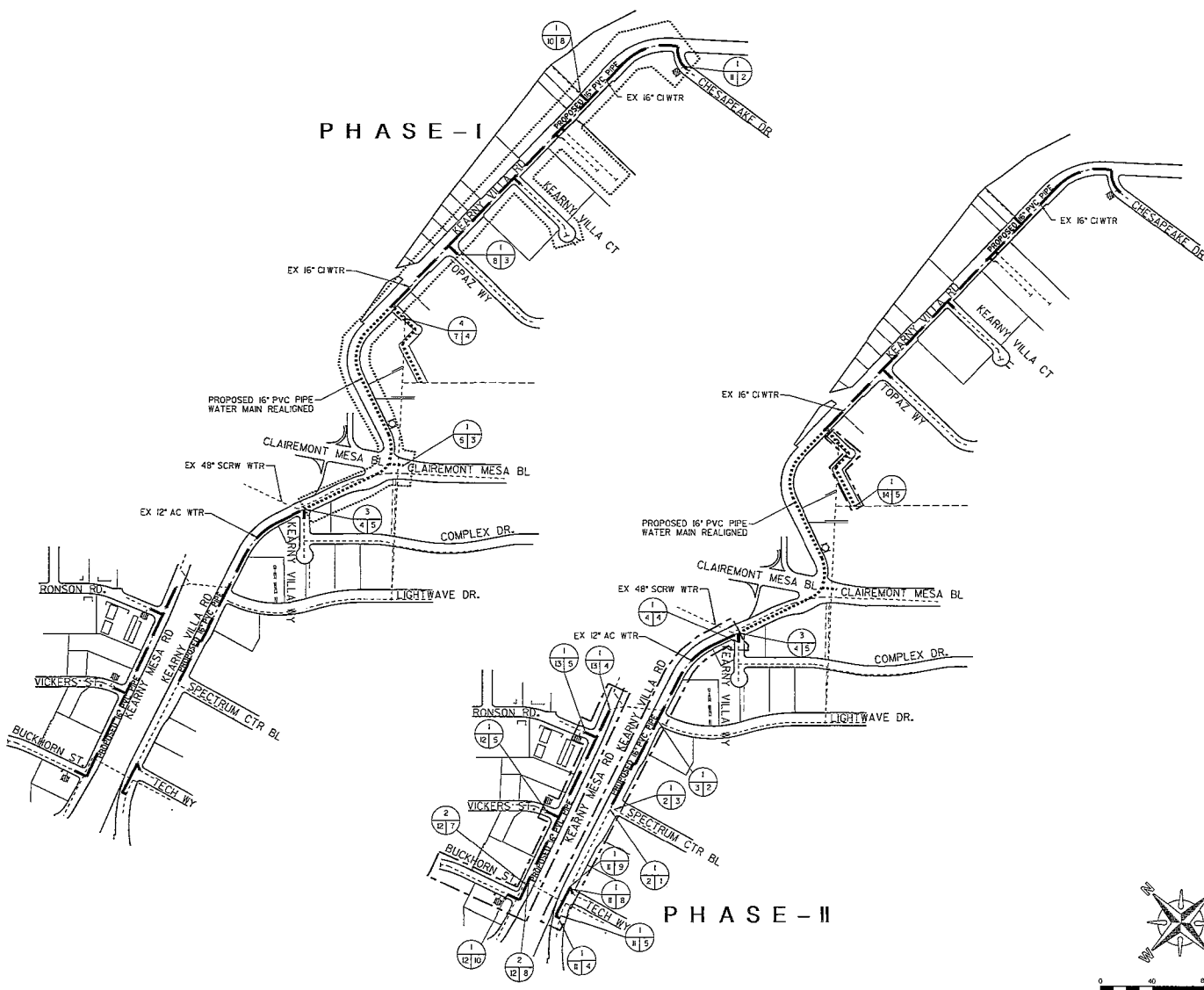


WATER GROUP 942		WATER ABANDONEMENT PLAN AND BYPASS DETAIL A	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 17 OF 23 SHEETS		WATER WBS: B-2038	
FOR CITY ENGINEER WENDY GAMBOA		DATE 5/23/15	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	ED/M		
ADDENDUM A	ED/M		6/23/15
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	
		37476-17-D	

ADDENDUM A

PHASE - I

PHASE - II



LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- WATER MAIN REALIGNED
- ⊠ FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- ⊡ PROPOSED FIRE HYDRANT
- ③ CITY FORCES NOTE NUMBER (THIS SHEET)
- ②416 CITY FORCES NOTE NUMBER (PLAN & PROFILE SHT.)
- PLAN & PROFILE "D" SHEET NUMBER
- BC --- BEFORE CONTRACTOR
- AC --- AFTER CONTRACTOR
- ⊠ PHASE-I / AREA TO HIGHLINE
- ⊡ PHASE-II / AREA TO HIGHLINE

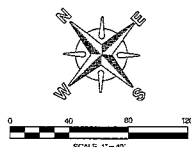
WORK BY CITY FORCES

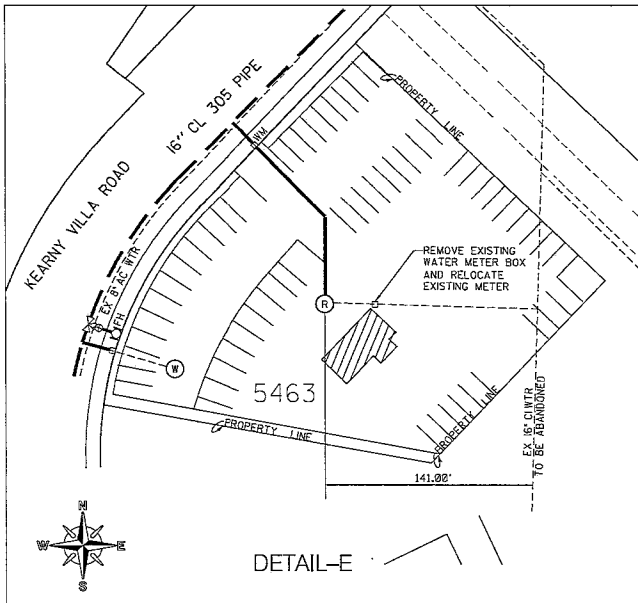
- ① BC - CUT & PLUG
AC - RECONNECT
- ② BC - CUT & PLUG
AC - RECONNECT AFTER
CUT-IN OF PROPOSED BYPASS BY CONTRACTOR
- ③ AC - CONNECT AFTER ACCEPTING
OF BOTH PHASES
- ④ PERMANENT CUT AND PLUG

C-17

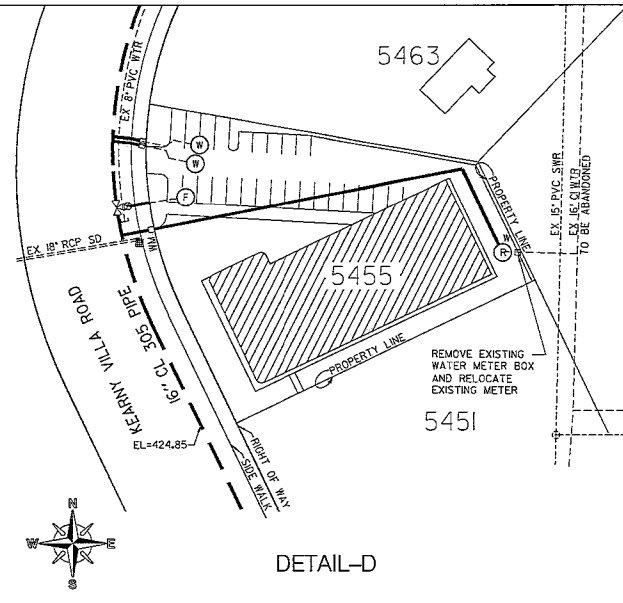
WATER GROUP 942
WORK BY CITY FORCES

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 18 OF 23 SHEETS		WATER WGR B-1038
DATE: 5/25/15	PROJECT MANAGER: JEFF SORIANO	
FOR CITY ENGINEER: WENDY GAMBOA	PROJECT ENGINEER: MAHYAR NAWAZI	
DESCRIPTION: ORIGINAL	BY: [Signature]	DATE: 6/23/15
ADDENDUM A	230-1719	CESEP COORDINATE
	ISTO-6273	CESEP COORDINATE
CONTRACTOR: [Blank]	DATE STARTED: [Blank]	37476-18-D
INSPECTOR: [Blank]	DATE COMPLETED: [Blank]	

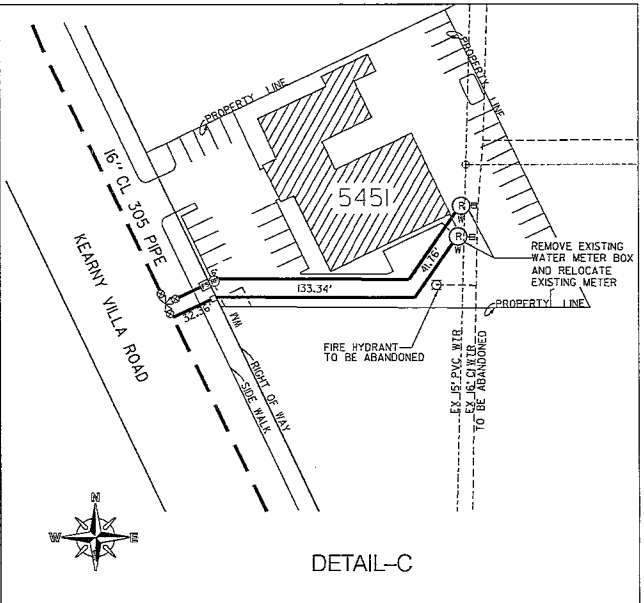




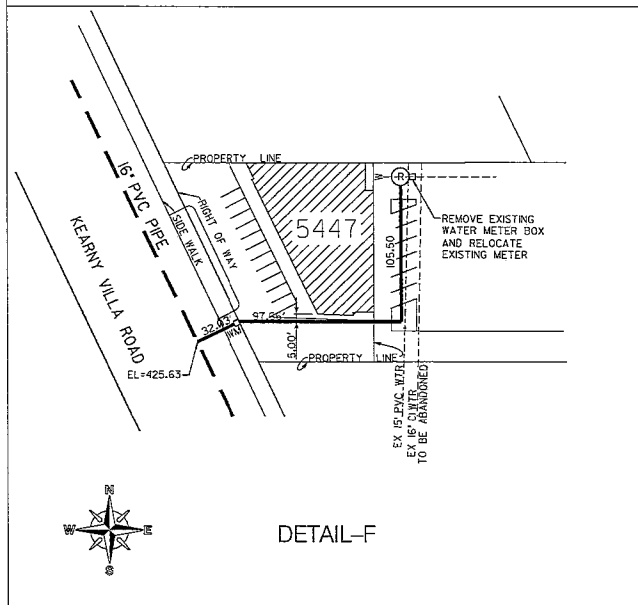
DETAIL-E



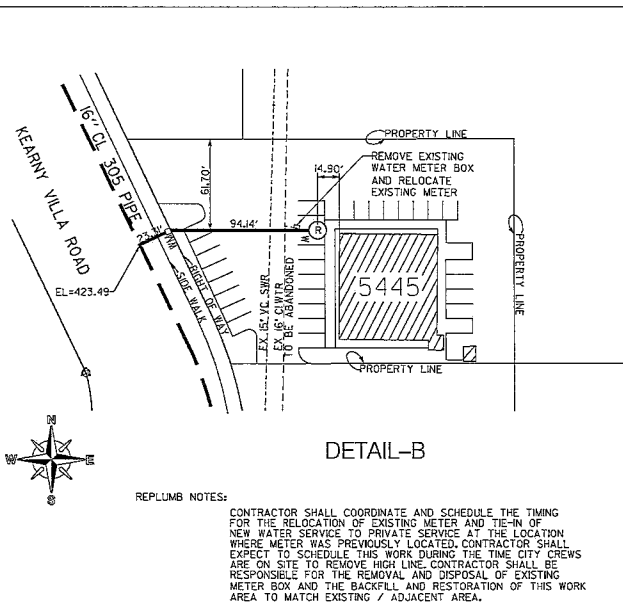
DETAIL-D



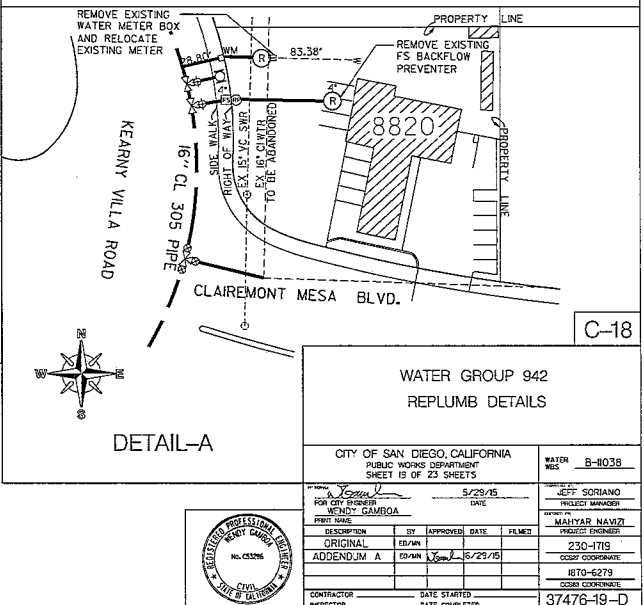
DETAIL-C



DETAIL-F



DETAIL-B



DETAIL-A

REPLUMB NOTES:

CONTRACTOR SHALL COORDINATE AND SCHEDULE THE TIMING FOR THE RELOCATION OF EXISTING METER AND TIE-IN OF NEW WATER SERVICE TO PRIVATE SERVICE AT THE LOCATION WHERE METER WAS PREVIOUSLY LOCATED. CONTRACTOR SHALL EXPECT TO SCHEDULE THIS WORK DURING THE TIME CITY CREWS ARE ON SITE TO REMOVE HIGH LINE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF EXISTING METER BOX AND THE BACKFILL AND RESTORATION OF THIS WORK AREA TO MATCH EXISTING / ADJACENT AREA.

WATER GROUP 942
REPLUMB DETAILS

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 15 OF 23 SHEETS		WATER MES. B-1039
DATE: 5/29/15	FOR CITY PREPARED BY: WENDY GAMBOA	PROJECT MANAGER: JEFF SOBIANO
PROJECT NAME:	BY: [Signature]	PROJECT ENGINEER: MANTYAR NAWAZI
DESCRIPTION:	APPROVED DATE: 5/29/15	FILE NO: 230-1719
ORIGINAL:	DATE: 5/29/15	COORDINATOR: 1870-6273
ADDENDUM A:		COORDINATOR:
CONTRACTOR:	DATE STARTED:	COORDINATOR:
INSPECTOR:	DATE COMPLETED:	37476-19-D

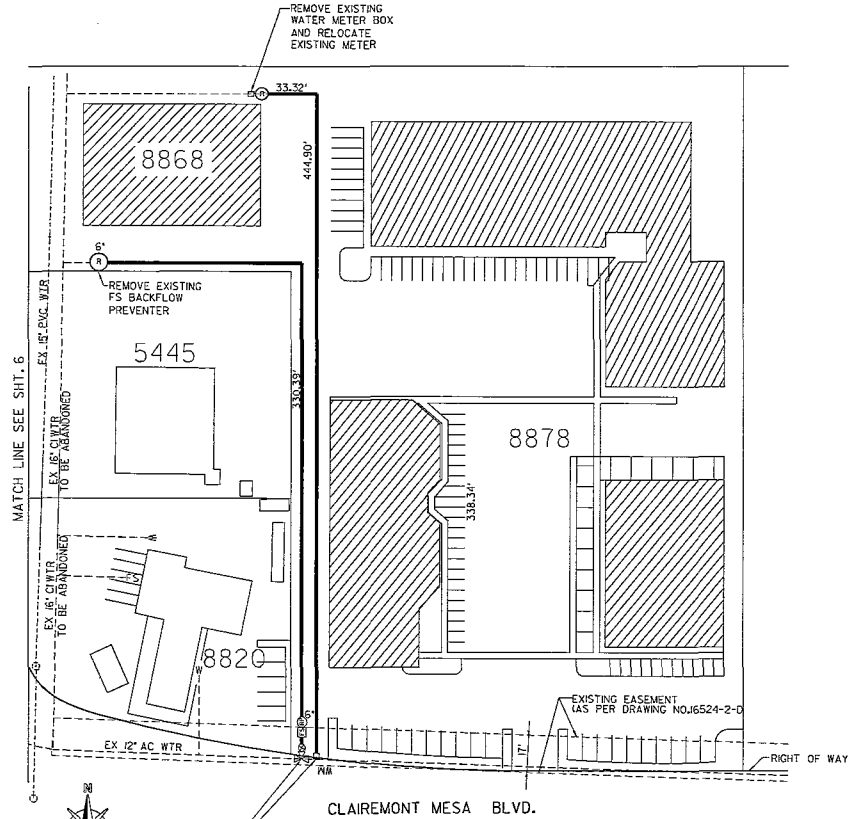


C-18

REPLUMB DETAILS

REPLUMB NOTES:

CONTRACTOR SHALL COORDINATE AND SCHEDULE THE TIMING FOR THE RELOCATION OF EXISTING METER AND TIE-IN OF NEW WATER SERVICE / FIRE SERVICE TO PRIVATE SERVICE AT THE LOCATION WHERE METER WAS PREVIOUSLY LOCATED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF EXISTING METER BOX AND THE BACKFILL AND RESTORATION OF THIS WORK AREA TO MATCH EXISTING / ADJACENT AREA.



THIS REPLUMB SHALL BE INSTALLED AND IN SERVICE PRIOR TO PHASE-4 WORK COMMENCES. CONTRACTOR TO COORDINATE W/ WATER OPERATION FOR 12" AC SHUTDOWN TO MAKE CUT-IN

REPLUMB DETAILS

C-19

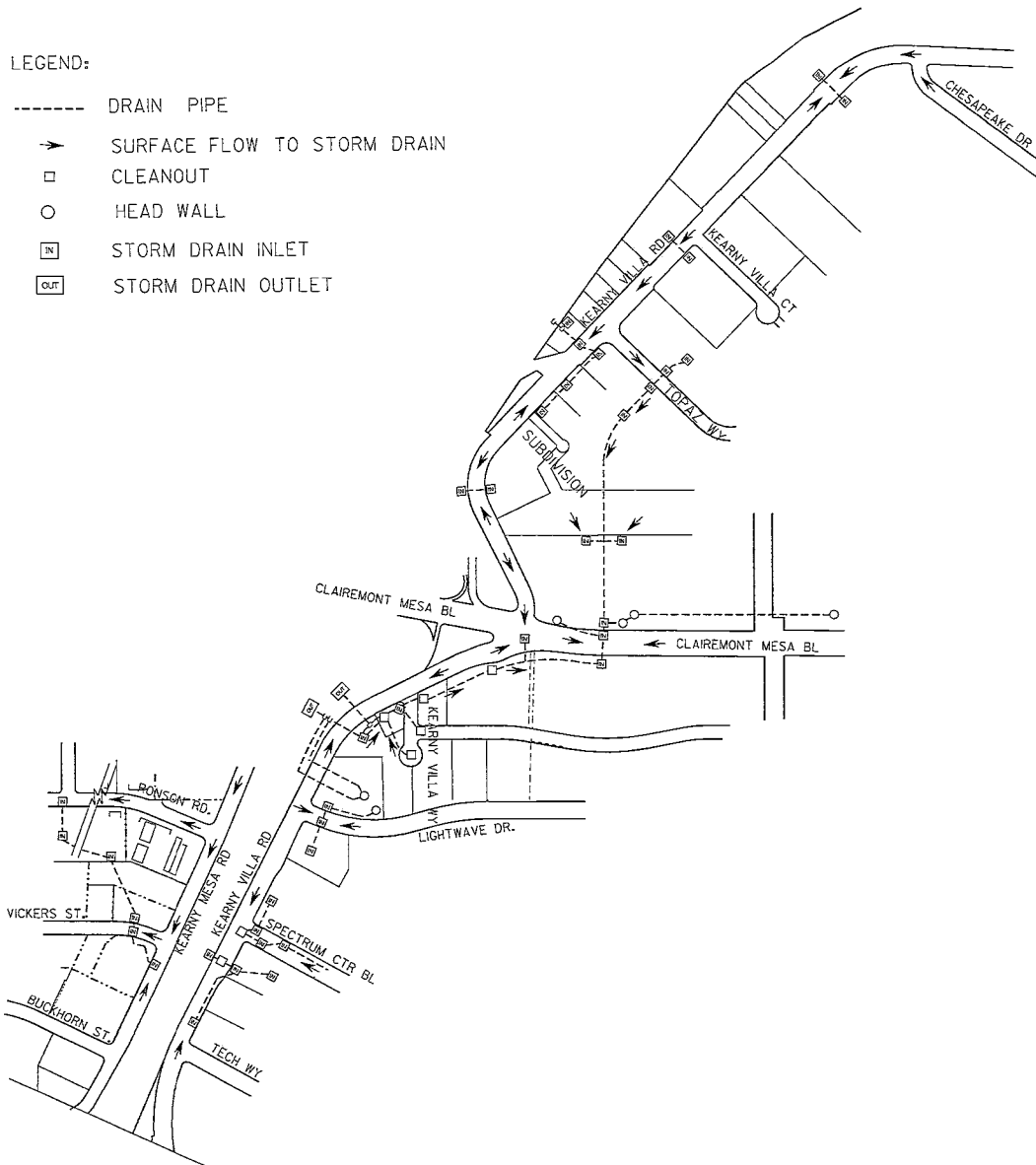
**WATER GROUP 942
REPLUMB DETAILS**

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 20 OF 23 SHEETS		WATER #57	B-1038
DATE: 5/28/15	FOR CITY ENGINEER: WENDY GAMBDA	PROJECT MANAGER: JEFF SORIANO	PROJECT INSPECTOR: MARIYAR NAVEZ
DESCRIPTION: ORIGINAL	BY: EDVAN	DATE: 5/28/15	FILED: 230-479
DESCRIPTION: ADDENDUM A	BY: EDVAN	DATE: 6/29/15	COORDINATE: 870-6279
CONTRACTOR: DATE STARTED: DATE COMPLETED:		37476-20-D	



LEGEND:

- DRAIN PIPE
- ➔ SURFACE FLOW TO STORM DRAIN
- CLEANOUT
- HEAD WALL
- IN STORM DRAIN INLET
- OUT STORM DRAIN OUTLET



THRUST/ANCHOR TABLE FOR 16" AND LARGER WATER MAINS									
SHEET NO.	PIPE STATIONING	PIPE TYPE/DIAM. OF PIPE	TYPE OF BLOCK	TYPE OF APPURTENANCE	DESIGN PRESSURE	TOTAL THRUST	ASSUMED SOIL CAPACITY	MINIMUM BEARING AREA (sq.ft.), SEE NOTE 3 BELOW OR VOLUME OF BLOCK (cu.ft.)	
					LB/SQ. FT.	(LB)			
02	1+00.00	PVC 16"	THRUST	16"X12" TEE	83.6	1450.3	1000	17.2 SQ. FT.	
02	2+86.58	PVC 16"	THRUST	16" 45° BEND	83.6	15227.8	1000	22.8 SQ. FT.	
02	3+00.70	PVC 16"	THRUST	16" 45° BEND	83.6	15227.8	1000	22.8 SQ. FT.	
03	7+74.48	PVC 16"	THRUST	16"X16" TEE	82.7	19681.9	1000	29.5 SQ. FT.	
04	16+76.84	PVC 16"	THRUST	16"X12" TEE	83.1	11381.9	1000	17.1 SQ. FT.	
05	23+94.25	PVC 16"	THRUST	16"X12" TEE	79.2	10847.7	1000	16.3 SQ. FT.	
07	35+83.24	PVC 16"	THRUST	16"X12" TEE	79.2	10847.7	1000	16.3 SQ. FT.	
08	42+33.75	PVC 16"	THRUST	16"X12" TEE	79.2	10847.7	1000	16.3 SQ. FT.	
09	48+82.78	PVC 16"	THRUST	16"X12" TEE	77.1	10560.1	1000	15.8 SQ. FT.	
10	53+23.43	PVC 16"	THRUST	16"X8" TEE	74.9	17825.6	1000	7.2 SQ. FT.	
10	53+48.43	PVC 16"	THRUST	16"X8" TEE	74.9	4822.2	1000	7.2 SQ. FT.	
10	57+90.80	PVC 16"	THRUST	16"X12" TEE	77.1	10560.1	1000	15.8 SQ. FT.	
11	60+66.47	PVC 16"	THRUST	16" 45° BEND	76.2	33509.1	1000	50.3 SQ. FT.	
11	62+90.07	PVC 16"	THRUST	16" 90° BEND	77.5	26089.3	1000	39.1 SQ. FT.	
11	1+00.00	PVC 16"	THRUST	16"X16" TEE	83.6	19896.1	1000	29.8 SQ. FT.	
11	1+39.11	PVC 16"	THRUST	16" 90° BEND	83.6	2837.4	1000	42.2 SQ. FT.	
11	3+48.40	PVC 16"	THRUST	16"X16" TEE	83.1	19777.1	1000	29.7 SQ. FT.	
12	3+10.48	PVC 16"	THRUST	16"X12" REDUCER	84.9	8577.1	1000	12.9 SQ. FT.	
12	3+13.48	PVC 16"	THRUST	36"X16" CROSS	84.9	20205.5	1000	30.3 SQ. FT.	
12	3+20.48	PVC 16"	THRUST	16"X4" CROSS	84.9	1537.5	1000	2.3 SQ. FT.	
12	8+24.58	PVC 16"	THRUST	16"X12" TEE	84.9	11628.4	1000	17.4 SQ. FT.	
13	14+30.04	PVC 16"	THRUST	16"X12" TEE	83.1	11381.9	1000	17.1 SQ. FT.	
13	14+33.04	PVC 16"	THRUST	16"X12" REDUCER	83.1	19790.8	1000	25.2 SQ. FT.	
13	16+57.55	PVC 16"	THRUST	16" 45° BEND	82.3	14991.1	1000	22.5 SQ. FT.	
13	16+60.55	PVC 16"	THRUST	16"X12" REDUCER	82.3	834.5	1000	12.5 SQ. FT.	

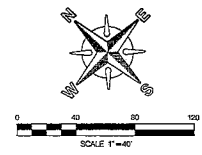
• The specific weight of concrete is 140 lb/cu.ft.
Safety Factor = 1.5

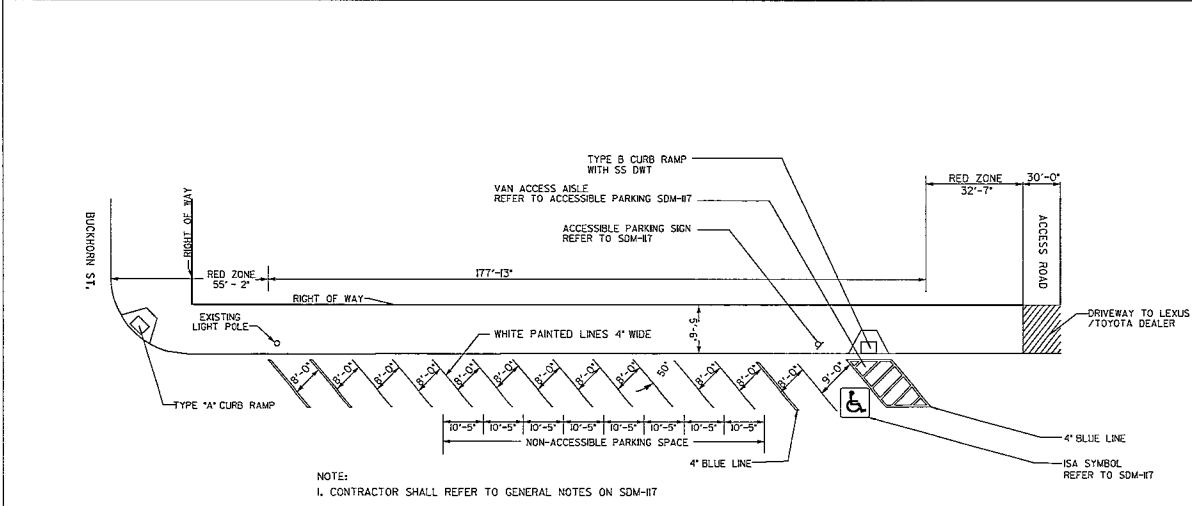
NOTES:

1. FOR ADDITIONAL THRUST BLOCKS, ANCHOR BLOCKS, DETAILS AND NOTES SEE SDW-151.
2. REFER TO SPECIFICATIONS SECTION 306-1.2.14 FOR ADDITIONAL REQUIREMENTS.
3. FOR ESTIMATING THE QUANTITY FOR THRUST BLOCKS, THE DEPTH OF THE THRUST BLOCKS SHALL BE HALF OF THE TRENCH WIDTH PLUS 12" EMBEDMENT.

C-20

<p>WATER GROUP 942 STORM DRAIN & INLET PROTECTION PLAN THRUST BLOCK TABLE</p>			
<p>CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 21 OF 23 SHEETS</p>		<p>WATER PWS B-1038</p>	
<p>FOR CITY ENGINEER: <i>WENDY CAMBRO</i> DATE: 5/29/15</p>		<p>FOR CITY MANAGER: <i>JEFF SORIANO</i> DATE: 6/29/15</p>	
<p>PROJECT NAME: <i>WATER GROUP 942</i></p>		<p>PROJECT ENGINEER: <i>MASTAR NAVIZI</i></p>	
<p>DESCRIPTION: ORIGINAL</p>	<p>BY: <i>EDWAM</i></p>	<p>DATE: 6/29/15</p>	<p>FILED: 230-1719</p>
<p>ADDENDUM A</p>	<p>BY: <i>EDWAM</i></p>	<p>DATE: 6/29/15</p>	<p>FILED: 150-6270</p>
<p>CONTRACTOR: _____ DATE STARTED: _____</p>		<p>INSPECTOR: _____ DATE COMPLETED: _____</p>	
		<p>37476-21-D</p>	





NOTE:
1. CONTRACTOR SHALL REFER TO GENERAL NOTES ON SDM-117

KEARNY MESA ROAD
NOT TO SCALE

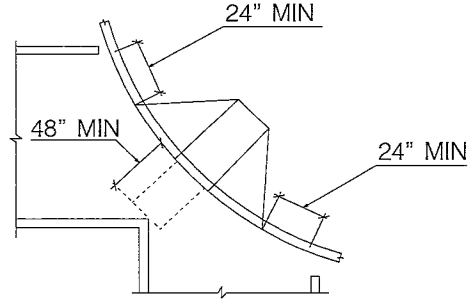
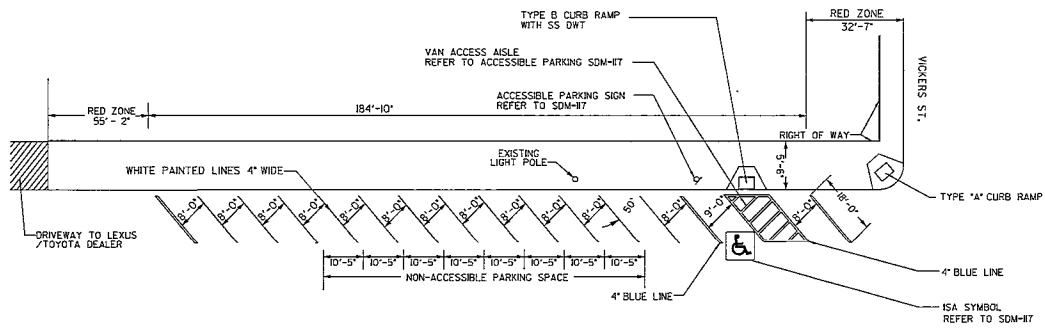


FIGURE 406.6
DIAGONAL OR CORNER TYPE CURB RAMPS
NOT TO SCALE



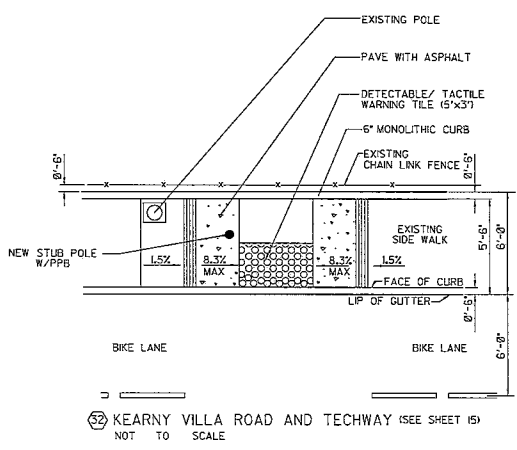
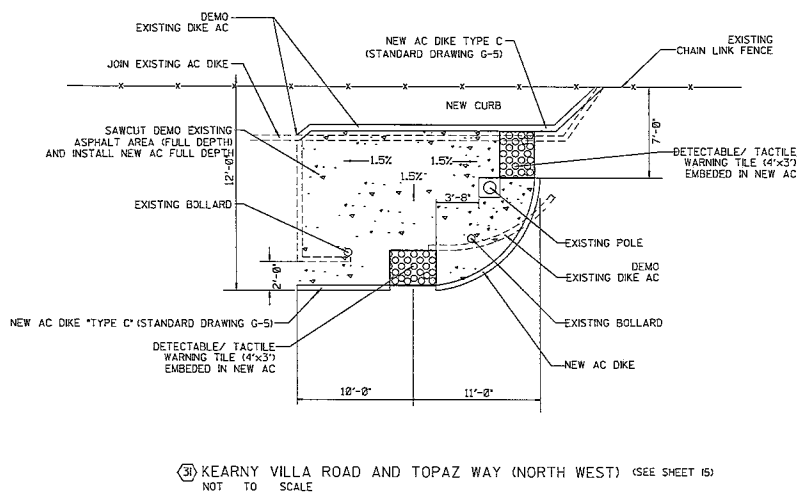
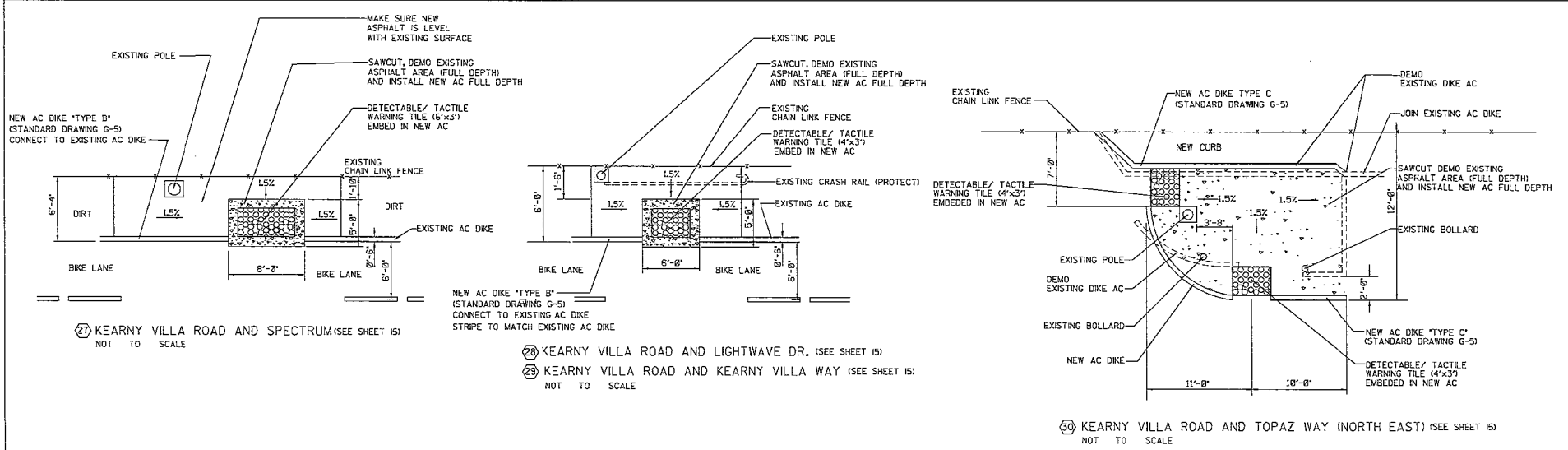
KEARNY MESA ROAD
NOT TO SCALE

ADDENDUM "A"

C-21

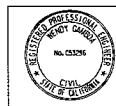
WATER GROUP 942 CURB RAMP AND PARKING STRIPING DETAILS		WATER No. B-8038
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 22 OF 23 SHEETS		DATE 5/29/15
FOR CITY ENGINEER MENDEL GAMBINO	DATE 5/29/15	PROJECT MANAGER JEFF SORIANO
PROJECT NAME WATER GROUP 942	DATE 5/29/15	PROJECT ENGINEER MAYYAR NAWZI
DESCRIPTION	BY APPROVED DATE FILED	PROJECT NUMBER 230-1719
ORIGINAL	ED/AM	OS&T COORDINATOR 1870-6278
ADDENDUM A	Ed/AM	DATE COMPLETED
CONTRACTOR	DATE STARTED	37476-22-D
INSPECTOR	DATE COMPLETED	





C-22

WATER GROUP 942		CURB RAMP AND PARKING STRIPING DETAILS	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 22 OF 23 SHEETS		WATER WBS: B-1003B	
DESIGNED BY NANCY GAMBRO	DATE 5/29/15	CHECKED BY JEFF CORLAND	PROJECT MANAGER
PERFORMED BY NANCY GAMBRO	DATE 6/29/15	PROJECT ENGINEER MAHYAR NAYAZI	
DESCRIPTION ORIGINAL	BY EGM	APPROVED DATE 6/29/15	FILED 230-1719
ADDENDUM A			ISSUE COORDINATOR 1870-6279
CONTRACTOR	DATE STARTED	DATE COMPLETED	ISSUE COORDINATOR 37476-23-D



TRAFFIC CONTROL

SHEET NUMBER: 8
 DRAWING TITLE: PAVEMENT RECONSTRUCTION AND ABOVE GROUND FEATURES
 STATE REPRESENTATIVE: _____ DATE: _____

PHASE I

TRAFFIC SIGNAL CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNALING DIVISION TO MAINTAIN 30 MINUTE WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
 TRAFFIC SIGNAL TO REMAIN FULLY OPERATIONAL
 - KEARNY VILLA RD & CLAREMONT MESA BLVD

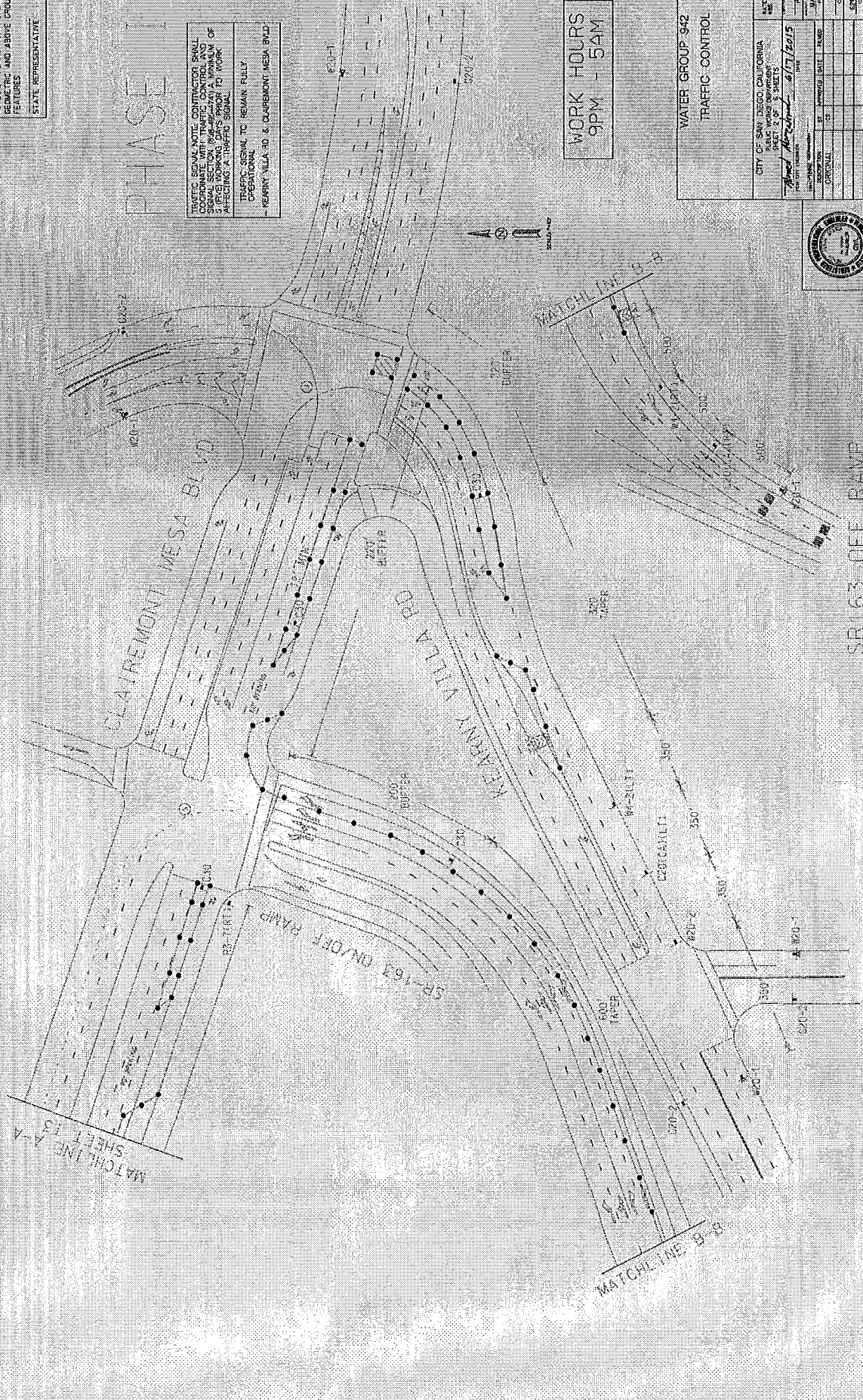
WORK HOURS
 9PM - 5AM

T-2

WATER GROUP 942
TRAFFIC CONTROL

PROJECT NUMBER	1417
DATE	08/17/2015
DESIGNER	WSP PARSONS
CHECKED BY	WSP PARSONS
DATE	08/17/2015
PROJECT LOCATION	CLAREMONT MESA BLVD & KEARNY VILLA RD
PROJECT NUMBER	1417
DATE	08/17/2015
DESIGNER	WSP PARSONS
CHECKED BY	WSP PARSONS
DATE	08/17/2015
PROJECT LOCATION	CLAREMONT MESA BLVD & KEARNY VILLA RD

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 1201 K STREET, SAN DIEGO, CA 92101
 PROJECT NUMBER: 1417
 DATE: 08/17/2015
 DESIGNER: WSP | PARSONS
 CHECKED BY: WSP | PARSONS
 DATE: 08/17/2015
 PROJECT LOCATION: CLAREMONT MESA BLVD & KEARNY VILLA RD
 PROJECT NUMBER: 1417
 DATE: 08/17/2015
 DESIGNER: WSP | PARSONS
 CHECKED BY: WSP | PARSONS
 DATE: 08/17/2015
 PROJECT LOCATION: CLAREMONT MESA BLVD & KEARNY VILLA RD



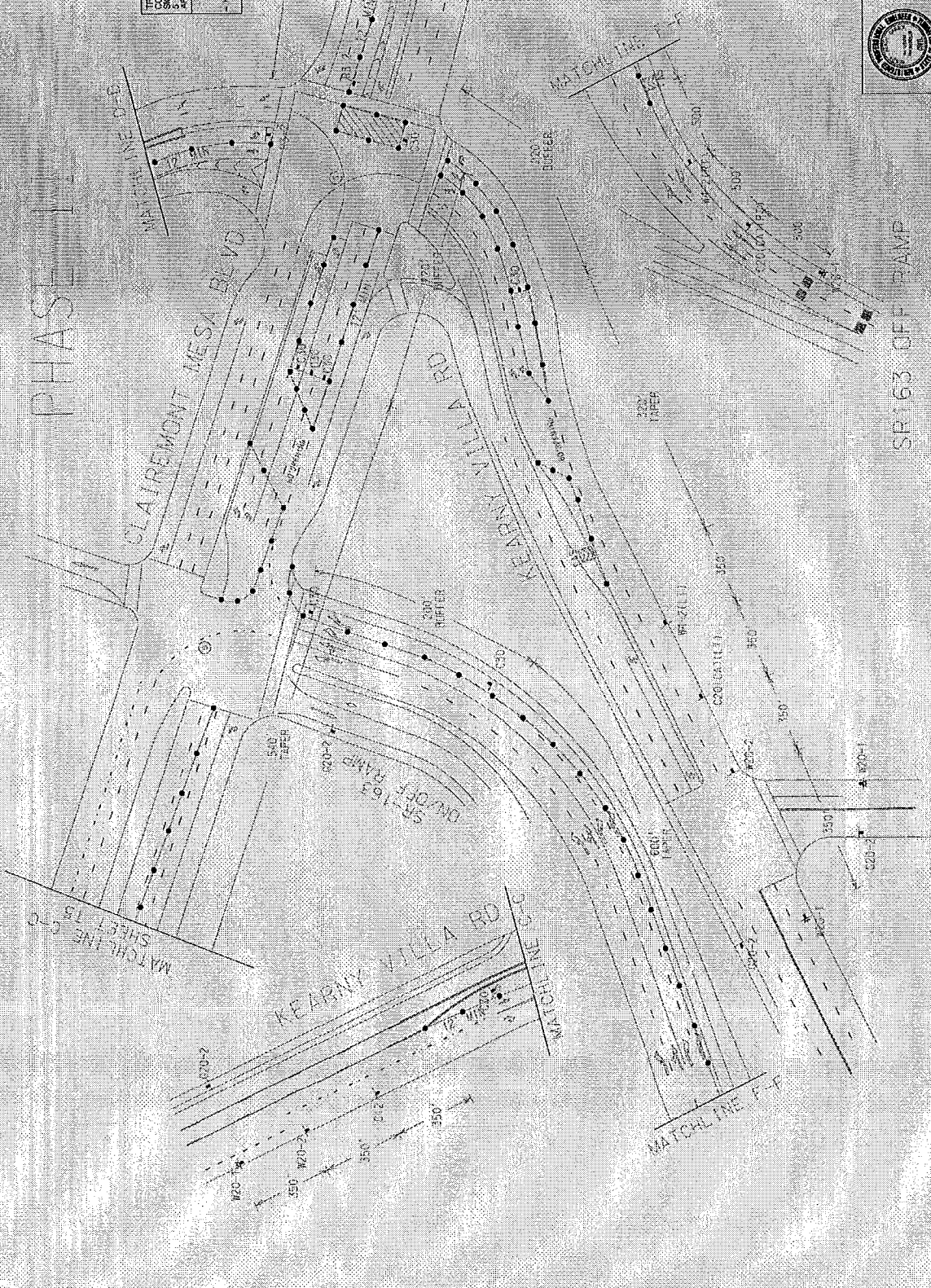
TRAFFIC CONTROL

PERMIT NUMBER: _____
 DATE: _____
 STATE REPRESENTATIVE: _____

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND OF 8:00 AM WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
 - KEARNY VILLA RD & CLAIREMONT MESA BLVD

WORK HOURS
 9PM - 5AM

PHASE III



CITY OF SAN DIEGO, CALIFORNIA Public Works Department SHEET 4 OF 6 SHEETS	PROJECT NO. P-3038
DATE 06/11/2015	DATE PLOTTED 06/11/2015
DESIGNED BY 230-079	CHECKED BY 230-079
APPROVED BY 37476-14-D	DATE COMPLETE

T-4
 WATER GROUP 942
 TRAFFIC CONTROL

SR 163 OFF RAMP

PHASE III

PERMIT NUMBER: _____ ON _____
 CO. BY _____
 AS-BUILT PLANS FOR ROADWAY
 GEOMETRIC AND ABOVE GROUND
 FEATURES
 STATE REPRESENTATIVE: _____ DATE: _____

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL
 COORDINATE WITH TRAFFIC CONTROL AND
 SIGNAL SECTION TO MAINTAIN A MINIMUM OF
 30 SECONDS GREEN FOR ALL VEHICLES
 AFFECTING A TRAFFIC SIGNAL.

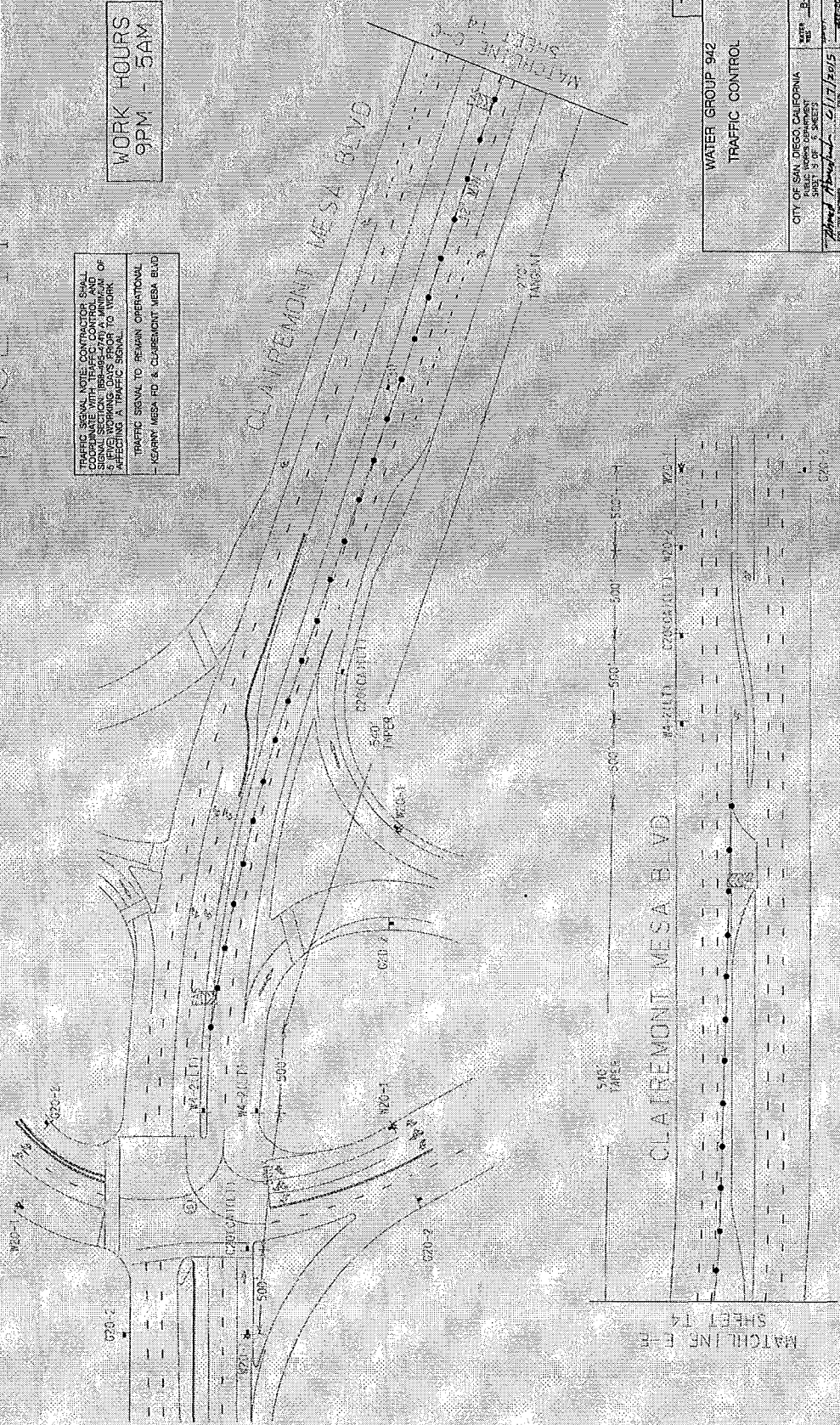
TRAFFIC SIGNAL TO REMAIN OPERATIONAL
 - KEARNY MESA RD & CLAIREMONT MESA BLVD

WORK HOURS
 9PM - 5AM

KEARNY MESA RD

CLAIREMONT MESA BLVD

CLAIREMONT MESA BLVD



T-5
 WATER GROUP 942
 TRAFFIC CONTROL

CITY OF SAN DIEGO CALIFORNIA		DATE: 8-10-22
PROJECT: 2022-000000		DATE: 8-10-22
SHEET: 3 OF 3 SHEETS		DATE: 8-10-22
PROJECT NUMBER: 2022-000000		DATE: 8-10-22
DESIGNED BY: _____	DATE: _____	SCALE: _____
CHECKED BY: _____	DATE: _____	SCALE: _____
APPROVED BY: _____	DATE: _____	SCALE: _____
CONTRACTOR: _____	DATE: _____	SCALE: _____
PROJECT: _____	DATE: _____	SCALE: _____



MATCHLINE T.B
 SHEET 14

TRAFFIC CONTROL

PHASE III

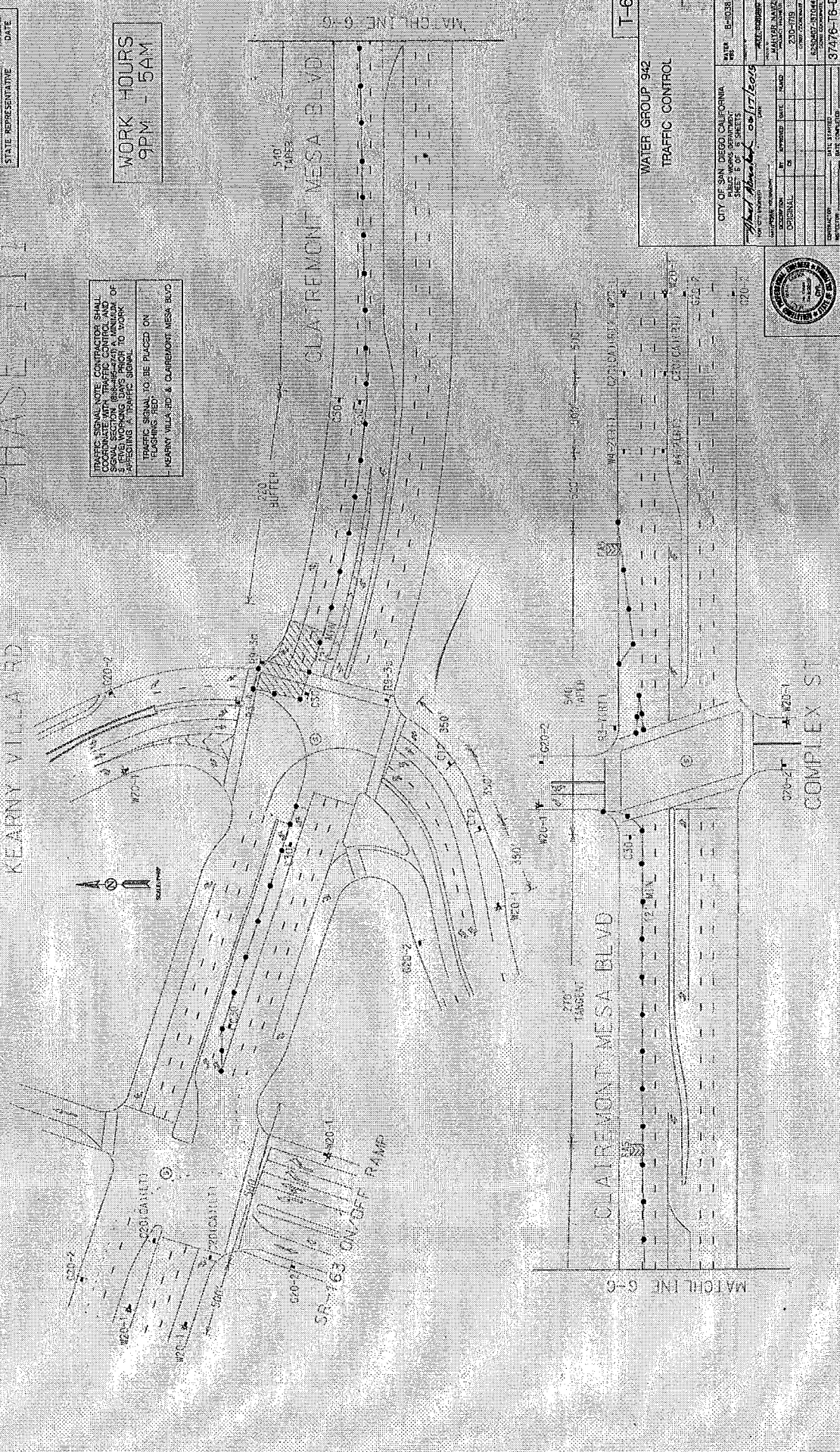
KEARNY VILLARD

PERMIT NUMBER: 17-101
 AS-BUILT PLANS FOR ROADWAY
 GEOMETRIC AND ABOVE GROUND
 FEATURES
 STATE REPRESENTATIVE: _____ DATE: _____

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL
 PROVIDE TRAFFIC SIGNALS AT ALL
 SIGNAL SECTIONS. (BIRMINGHAM) A MINIMUM OF
 5 FEET WORKING DAYS PRIOR TO WORK
 BEGINNING AT TRAFFIC SIGNAL.
 TRAFFIC SIGNAL TO BE PLACED ON
 - PLACING RED
 - KEARNY VILLARD & CLAREMONT MESA BLVD

WORK HOURS
 9PM - 5AM

TRAFFIC CONTROL



T-6

WATER GROUP 942
 TRAFFIC CONTROL

CITY OF SAN DIEGO CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 SHEET 6 OF 6 SHEETS

PROJECT NUMBER: 051716019

DESIGNED BY	DATE	SCALE
DRAWN BY	DATE	SCALE
CHECKED BY	DATE	SCALE
APPROVED BY	DATE	SCALE

CONTRACT NO: 051716019
 DATE COMPLETED: 3/4/78-T6-D

