

City of San Diego

CONTRACTOR'S NAME: Hazard Construction Company
ADDRESS: 6465 Marindustry Drive, San Diego CA 92121
TELEPHONE NO.: 858-200-3660 FAX NO.: 858-453-6034 (fax)
CITY CONTACT: Angelica Gil, Contract Specialist, Email: AngelicaG@sandiego.gov
Phone No. (619) 533-3622, Fax No. (619) 533-3633
J. Khilla / H.McLintock / cc

BIDDING DOCUMENTS



ORIGINAL



FOR

VOLTAIRE STREET BRIDGE OVER NIMITZ BLVD BRIDGE REHABILITATION

BID NO.: K-18-1547-DBB-3
SAP NO. (WBS/IO/CC): B-00870
CLIENT DEPARTMENT: 2116
COUNCIL DISTRICT: 2
PROJECT TYPE: IB

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

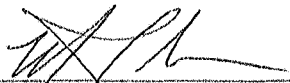
- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

BID DUE DATE:

**2:00 PM
SEPTEMBER 5, 2017
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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



1) Registered Engineer

07/31/2017

Date

Seal:





2) For City Engineer

7/28/2017

Date

Seal:

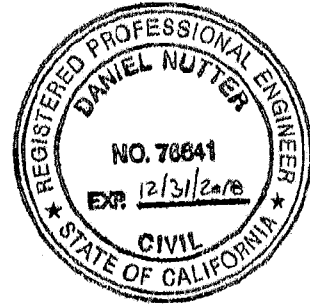


TABLE OF CONTENTS

SECTION	PAGE
1. NOTICE INVITING BIDS	4
2. INSTRUCTIONS TO BIDDERS	7
3. PERFORMANCE AND PAYMENT BONDS.....	17
4. ATTACHMENTS:	
A. SCOPE OF WORK.....	20
B. INTENTIONALLY LEFT BLANK	22
C. INTENTIONALLY LEFT BLANK	23
D. PREVAILING WAGES.....	24
E. SUPPLEMENTARY SPECIAL PROVISIONS.....	28
1. Appendix A – Notice of Exemption	49
2. Appendix B - Fire Hydrant Meter Program.....	51
3. Appendix C - Materials Typically Accepted by Certificate of Compliance.....	65
4. Appendix D - Sample City Invoice	67
5. Appendix E - Location Map	70
6. Appendix F - Hazardous Label/Forms	72
7. Appendix G – Sample of Public Notice	78
8. Appendix H - Advanced Metering Infrastructure (AMI) Device Protection.....	80
F. INTENTIONALLY LEFT BLANK	87
G. CONTRACT AGREEMENT	88
5. CERTIFICATIONS AND FORMS.....	91

NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation**. For additional information refer to Attachment A.
2. **FULL AND OPEN COMPETITION:** This contract is open to full competition and may be bid on by Contractors who are on the City's current Prequalified Contractors' List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$1,440,000**.
4. **BID DUE DATE AND TIME ARE: SEPTEMBER 5, 2017 at 2:00 PM**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** The City has determined that the following licensing classification is required for this contract: **A**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
 - 7.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	6.9%
2. ELBE participation	8.2%
3. Total mandatory participation	15.1%
 - 7.2. The Bid may be declared non-responsive if the Bidder fails the meet the following requirements:
 - 7.2.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; **OR**
 - 7.2.2. Submit Good Faith Effort documentation, saved in searchable Portable Document Format (PDF) and stored on Compact Disc (CD) or Digital Video Disc (DVD), demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE Subcontractors required in this document within 3 Working Days of the Bid opening if the overall mandatory participation percentage is not met.

8. PRE-BID MEETING:

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

Date: **AUGUST 16, 2017**
Time **10:00 AM**
Location: **1010 Second Avenue, Suite 1400, San Diego, CA 92101**

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

9. AWARD PROCESS:

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

10. SUBMISSION OF QUESTIONS:

- 10.1.** The Director (or Designee) of 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. Any questions related to this solicitation shall be submitted to:

Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: Angelica Gil

OR:

AngelicaG@sandiego.gov

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

INSTRUCTIONS TO BIDDERS

1. PREQUALIFICATION OF CONTRACTORS:

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

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

- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.
- 1.3. Due to the City's responsibility to protect the confidentiality of the contractors' information, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids™](#).

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

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

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

3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT

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

and is bound by the entire Contract Documents, including any addenda issued thereto, and incorporated by reference in the Contract Documents.

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

3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent.

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

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

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

6. JOINT VENTURE CONTRACTORS: Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 7-6, "The Contractors Representative" in The GREENBOOK and 7-6.1 in The WHITEBOOK.

7. PREVAILING WAGE RATES WILL APPLY: Refer to Attachment D.

8. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract. Refer to Attachment E.

9. **INSURANCE REQUIREMENTS:**

9.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City's Notice of Intent to Award letter.

9.2. Refer to sections 7-3, "LIABILITY INSURANCE", and 7-4, "WORKERS' COMPENSATION INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

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

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

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

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

- 12. CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.
- 13. CONTRACT PRICING:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.
- 14. SUBCONTRACTOR INFORMATION:**

 - 14.1. LISTING OF SUBCONTRACTORS.** In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Bidder shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall further state within the description, the **PORTION** of the work which will be performed by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement may result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3, "Subcontracts", which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.
 - 14.2. LISTING OF SUPPLIERS.** Any Bidder seeking the recognition of Suppliers of equipment, materials, or supplies obtained from third party Suppliers towards achieving any mandatory or voluntary (or both) subcontracting participation goals shall provide, at a minimum, the **NAME, LOCATION (CITY)** and the **DOLLAR VALUE** of each supplier. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for materials and supplies unless vendor manufactures or substantially

alters materials and supplies, in which case, 100% will be credited. The Bidder is to indicate within the description whether the listed firm is a supplier or manufacturer. If no indication is provided, the listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage.

- 14.3. LISTING OF SUBCONTRACTORS OR SUPPLIERS FOR ALTERNATES.** For subcontractors or suppliers to be used on additive or deductive alternate items, in addition to the above requirements, bidder shall further note "ALTERNATE" and alternate item number within the description.
- 15. SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.
- 16. AWARD:**
- 16.1.** The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
- 16.2.** Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.
- 16.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
- 17. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.
- 18. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracts.
- 19. ONLY ONE BID PER CONTRACTOR SHALL BE ACCEPTED:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.

20. SAN DIEGO BUSINESS TAX CERTIFICATE: The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, First floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms within these documents.

21. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY) FOR DESIGN-BID-BUILD CONTRACTS:

21.1. For bids \$250,000 and above, bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% of the total bid amount.

21.2. This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.

21.3. The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.

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

21.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original within twenty-four (24) hours may cause the bid to be rejected and deemed **non-responsive**.

22. AWARD OF CONTRACT OR REJECTION OF BIDS:

22.1. This contract may be awarded to the lowest responsible and reliable Bidder.

22.2. Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.

22.3. The City reserves the right to reject any or all Bids, to waive any informality or technicality in Bids received, and to waive any requirements of these specifications as to bidding procedure.

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

23. BID RESULTS:

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

24. THE CONTRACT:

- 24.1.** The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.
- 24.2.** If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in

connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.

- 24.3.** If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.
- 24.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14 Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.
- 24.5.** The award of the Contract is contingent upon the satisfactory completion of the above-mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee and approval as to form the City Attorney's Office. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.
- 25. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 26. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 26.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 26.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.

- 26.3. The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 26.4. The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 26.5. Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 26.6. The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 26.7. The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

27. PRE-AWARD ACTIVITIES:

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

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND:

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Hazard Construction Company, a corporation, as principal, and
Nationwide Mutual Insurance Company, a corporation authorized to do
business in the State of California, as Surety, hereby obligate themselves, their successors and assigns,
jointly and severally, to The City of San Diego a municipal corporation in the sum of
One Million Three Hundred Sixty Seven Thousand Nine Hundred Forty Nine Dollars and Zero
Cents for the faithful performance of the annexed contract, and in the sum of **One Million Three**
Hundred Sixty Seven Thousand Nine Hundred Forty Nine Dollars and Zero Cents for the benefit
of laborers and materialmen designated below.

Conditions:

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

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

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

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

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

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

Dated September 25, 2017

Approved as to Form

Hazard Construction Company

Principal

By 

JASON A. MORDHORST, PRESIDENT

Printed Name of Person Signing for Principal

Mara W. Elliott, City Attorney

By 

Deputy City Attorney

Nationwide Mutual Insurance Company

Surety

By 

Tara Bacon

Attorney-in-fact

Approved:

By 

Stephen Samara
Principal Contract Specialist
Public Works Department

7777 Alvarado Rd, Suite 201

Local Address of Surety

La Mesa, CA 91942

Local Address (City, State) of Surety

(619) 668-6542

Local Telephone No. of Surety

Premium \$12,312.00

Bond No. SNN4007248

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.

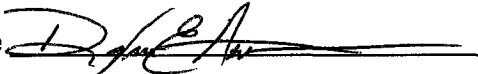
State of California
County of San Diego)

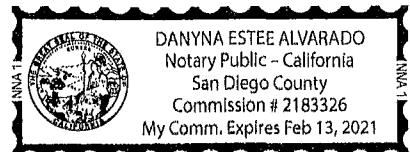
On September 25, 2017 before me, Danyna Estee Alvarado, Notary Public
(insert name and title of the officer)

personally appeared Tara Bacon
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  (Seal)



Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation hereinafter referred to as the "Company" and does hereby make, constitute and appoint:

Minna Huovila, Tara Bacon, Kyle King, Dale Gene Harshaw

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

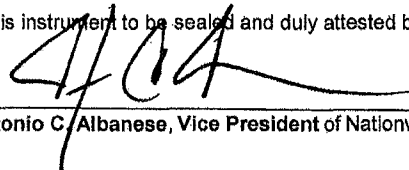
"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 1st day of May, 2017.



Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK, COUNTY OF NEW YORK: ss

On this 1st day of May, 2017, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.

BARRY T. BASSIS
Notary Public, State of New York
No. 02BA4656400
Qualified in New York County
Commission Expires April 30, 2019

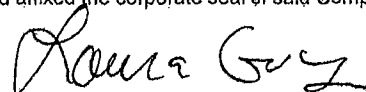


Notary Public
My Commission Expires
April 30, 2019

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 25 day of September, 2017.



Assistant 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 September 26, 2017 before me, Apryle M. Briede, Notary Public
Date NAME, TITLE OF OFFICER - E.G. AJANE DOE, NOTARY PUBLIC

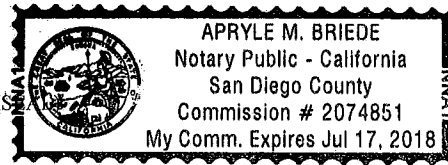
personally appeared Jason A. Mordhorst
NAME(S) OF SIGNER(S)

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.

Apryle M. Briede
NOTARY PUBLIC SIGNATURE



ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** The project will remove and replace existing barrier rails and sidewalks, remove the entire existing raised median, repair the concrete bridge deck, reduce the number of through-lanes from four to two and provide left-turn lanes and bike lanes in both directions, restripe, modify existing traffic signals, remove and replace street lights, install ADA (Americans With Disabilities Act) accessible curb ramps, and modify existing storm drain inlets on and immediately adjacent to the bridge.
 - 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Notice Inviting Bids and Plans numbered **38648-1-D** through **38648-18-D** and **38648-TC1-D** through **38648-TC11-D**, inclusive.
2. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$1,440,000**.
3. **LOCATION OF WORK:** The location of the Work is as follows:

The location of this project is on Voltaire Street Between Wabaska Drive and Sea Colony Court and on Wabaska Drive between Voltaire Street and Udall Street.
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **195 Working Days**.

ATTACHMENT B
INTENTIONALLY LEFT BLANK

ATTACHMENT C
INTENTIONALLY LEFT BLANK

ATTACHMENT D
PREVAILING WAGES

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

1.1. Compliance with Prevailing Wage Requirements. Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

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

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

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

1.3. Payroll Records. Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection.

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

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

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

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

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

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

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

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

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

SECTION 2 - SCOPE AND CONTROL OF WORK

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

1. You shall perform, with your own organization, Contract Work amounting to at least 30% of the base Bid **AND** 30% of any alternates.

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

SECTION 3 – CHANGES IN WORK

- 3-5.1 Claims.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

ADD:

- 3-5.1 Claims.**

1. A Claim is a written demand by you that seeks an adjustment in the Contract Price, Contract Time, or other relief associated with a dispute arising under or relating to the Contract, including a breach of any provision thereof. A voucher, invoice, or other routine request for payment is not a Claim.

2. A Claim shall conform to these specifications and may be considered after the City has previously denied a request by you for a Change Order seeking the demanded relief.
3. You shall submit a Claim to the Engineer if a dispute occurs that arises from or relates to the Contract. The Claim shall seek all relief to which you assert you are entitled as a result of the event(s) giving rise to the dispute. Your failure to process a Claim in accordance with these specifications shall constitute a waiver of all relief associated with the dispute. Claims are subject to 6-11, "Right to Audit".
4. You shall continue to perform the Services and Work and shall maintain the Schedule during any dispute proceedings. The Engineer will continue to make payments for undisputed Services and Work.
5. The City's Claims process specified herein shall not relieve you of your statutory obligations to present claims prior to any action under the California Government Code.

3-5.1.1 Initiation of Claim.

1. You shall promptly, but no later than 30 Days after the event(s) giving rise to the Claim, deliver the Claim to the Engineer.
2. You shall not process a Claim unless the Engineer has previously denied a request by you for a Change Order that sought the relief to be pursued in the claim.

3-5.1.1.1 Claim Certification Submittal.

1. If your Claim seeks an increase in the Contract Price, the Contract Time, or both, submit with the Claim an affidavit certifying the following:
 - a) The Claim is made in good faith and covers all costs and delays to which you are entitled as a result of the event(s) giving rise to the Claim.
 - b) The amount claimed accurately reflects the adjustments in the Contract Price, the Contract Time, or both to which you believe you are entitled.
 - c) All supporting costs and pricing data are current, accurate, and complete to the best of your knowledge. The cost breakdown per item of Work shall be supplied.
 - d) You shall ensure that the affidavit is executed by an official who has the authority to legally bind you.

3-5.1.2 Initial Determination.

1. The Engineer will respond in writing to your Claim within 30 Days of receipt of the Claim.

3-5.1.3 Settlement Meeting.

1. If you disagree with the Initial Determination, you shall request a Settlement Meeting within 30 Days. Upon receipt of this request, the Engineer will schedule the Settlement Meeting within 15 Working Days.

3-5.1.7 City's Final Determination.

1. If a settle agreement is not reached, the City shall make a written Final Determination within 10 Working Days after the Settlement Meeting.
2. If you disagree with the City's Final Determination, notify the Engineer in writing of your objection within 15 Working Days after receipt of the written determination and file a "Request for Mediation" in accordance with 3-5.2, "Dispute Resolution Process".
3. Failure to give notice of objection within the 15 Working Days period shall waive your right to pursue the Claim.

3-5.1.8 Mandatory Assistance.

1. If a third party dispute, litigation, or both arises out of or relates in any way to the Services provided under the Contract, upon the City's request, you shall agree to assist in resolving the dispute or litigation. Your assistance includes, but is not limited to the following:
 - a) Providing professional consultations.
 - b) Attending mediations, arbitrations, depositions, trials, or any event related to the dispute resolution and litigation.

3-5.1.8.1 Compensation for Mandatory Assistance.

1. The City will reimburse you for reasonable fees and expenses incurred by you for any required assistance rendered in accordance with 3-5.1.8, "Mandatory Assistance" as Extra Work.
2. The Engineer will determine whether these fees and expenses were necessary due to your conduct or failure to act.
3. If the Engineer determines that the basis of the dispute or litigation in which these fees and expenses were incurred were the result of your conduct or your failure to act in part or in whole, you shall reimburse the City for any payments made for these fees and expenses.
4. Reimbursement may be through any legal means necessary, including the City's withholding of your payment.

3-5.2.3 Selection of Mediator. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. A single mediator, knowledgeable in construction aspects and acceptable to both parties, shall be used to mediate the dispute.
2. To initiate mediation, the initiating party shall serve a Request for Mediation at the American Arbitration Association (AAA) on the opposing party.
3. If AAA is used, the initiating party shall concurrently file with AAA a "Request for Mediation" along with the appropriate fees, a copy of requested mediators marked in preference order, and a preference for available dates.
4. If AAA is selected to coordinate the mediation (Administrator), within 10 Working Days from the receipt of the initiating party's Request for Mediation, the opposing party shall file the following:
 - a) A copy of the list of the preferred mediators listed in preference order after striking any mediators to which they have any objection.
 - b) A preference for available dates.
 - c) Appropriate fees.
5. If the parties cannot agree on a mediator, then each party shall select a mediator and those mediators shall select the neutral third party to mediate the matter.

3-5.3 Forum of Litigation. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. It is the express intention that all legal actions and proceedings related to the Contract or Agreement with the City or to any rights or any relationship between the parties arising therefrom shall be solely and exclusively initiated and maintained in courts of the State of California for the County of San Diego.

SECTION 4 - CONTROL OF MATERIALS

4-1.3.2 Inspection by the Agency. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The City will provide inspection and testing laboratory services within the continental United States within a 200-mile radius of the geographical limits of the City.

4-1.3.3 Inspection of Items Not Locally Produced. To the "WHITEBOOK", DELETE in its entirety.

ADD:

4-1.3.3 Inspection of Items Not Locally Produced. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. When you intend to purchase materials, fabricated products, or equipment from sources located more than 200 miles (321.9 km) outside the geographical limits of the City, City Lab staff or a qualified inspection agency approved by the Engineer, shall be engaged at your expense to inspect the materials, equipment, or process.
2. This approval shall be obtained before producing any material or equipment. City Lab staff or inspector shall evaluate the materials for conformance with the requirements of the Plans and Specifications. You shall forward reports required by the Engineer. No materials or equipment shall be shipped nor shall any processing, fabrication or treatment of such materials be done without proper inspection by City Lab staff or the approved agent. Approval by said agent shall not relieve you of responsibility for complying with the requirements of the Contract Documents.
3. The Engineer may elect City Lab staff to perform inspection of an out-of-town manufacturer. You shall incur additional inspection costs of the Engineer including lodging, meals, and incidental expenses based on Federal Per Diem Rates, along with travel and car rental expenses. If the manufacturing plant operates a double shift, a double shift shall be figured in the inspection costs.
 - a) At the option of the Engineer, full time inspection shall continue for the length of the manufacturing period. If the manufacturing period will exceed 3 consecutive weeks, you shall incur additional inspection expenses of the Engineer's supervisor for a trip of 2 Days to the site per month.
 - b) When the Engineer elects City Lab staff to perform out-of-town inspections, the wages of staff employed by the City shall not be part of the additional inspection expenses paid by you.
 - c) Federal Per Diem Rates can be determined at the location below:

<https://www.gsa.gov/portal/content/104877>

4-1.3.5 Special Inspection. To the "WHITEBOOK", ADD the following:

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

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

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

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

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

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

SECTION 5 - UTILITIES

5-2 PROTECTION. To the "WHITEBOOK", item 2, ADD the following:

- g) Refer to Appendix "H" for more information on the protection of AMI devices.

5-6 COOPERATION. To the "GREENBOOK", ADD the following:

1. Notify SDG&E at least 10 Working Days prior to excavating within 10 feet of SDG&E Underground High Voltage Transmission Power Lines (69 KV and higher).

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

6-1.1 Construction Schedule. To the "WHITEBOOK", item 22, subsection b, DELETE in its entirety and SUBSTITUTE with the following:

- b) A curve value percentage comparison between the Contract Price and the updated cash flow forecast for each Project ID included in the Contract Documents. Curve values shall be set on a scale from 0% to 100% in intervals of 5% of the Contract Time. Refer to the Sample City Invoice materials in the Contract Documents and use the format shown. Your invoice amounts shall be supported by this curve value percentage. For previous periods, use the actual values and percentages and update the curve value percentages accordingly.

6-2.1 Moratoriums. To the "WHITEBOOK", ADD the following:

3. Do not Work in the areas where there is currently a moratorium issued by the City. The areas subject to moratorium are listed here:
 - a) Sea Colony Court North of Voltaire Street] from February 25, 2016 to February 25, 2019 (inclusive).
 - b) Voltaire Street East of Sea Colony Court from February 9, 2017 to February 9, 2022 (inclusive).

ADD:

6-3.2.1.1 Environmental Document.

1. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption (NOE) for Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation Project**, Project No. **B-00870**, as referenced in the Contract Appendix. You shall comply with all requirements of the **NOE** as set forth in **Appendix A**.
2. Compliance with the City's environmental document shall be included in the Contract Price.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

7-3 INSURANCE.

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

7-3.1 Policies and Procedures.

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

renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

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

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

7-3.2.2 Commercial Automobile Liability Insurance.

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

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance.

7-3.5.1.1 Additional Insured.

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

7-3.5.1.2 Primary and Non-Contributory Coverage. The policy shall be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the

City and its elected officials, officers, employees, agents and representatives. Further, it shall provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

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

7-3.5.2 Commercial Automobile Liability Insurance.

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

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

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

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

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

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

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

1. In accordance with the provisions of §3700 of the California Labor Code, you shall provide at your expense Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials, and employees

will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.

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

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

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

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

7-8.6 Water Pollution Control. To the "WHITEBOOK", ADD the following:

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

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

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

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

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

SECTION 9 - MEASUREMENT AND PAYMENT

9-3.1 Core Concrete Abutment. To the "GREENBOOK", ADD the following:

Core Concrete Abutment shall be constructed in accordance with the CALTRAN Specification 60-4.04 Coring Concrete. The payment shall be Lump Sum for "Core Concrete Abutment". The payment shall include, but not limited to all required hardware, setup, and disposal of core concrete.

Demolish Existing Barrier. To the "GREENBOOK", ADD the following:

Demolition of Existing Barrier shall be done in accordance with the CALTRAN Specification 60-2 Structural Removal. The payment shall be in Linear Feet for "Demolish Existing Barrier". The payment shall include, but is not limited to all required protective covers, hardware, work, setup, and disposal of demolished material.

ADD:

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

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

SECTION 203 - BITUMINOUS MATERIALS

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

1. RPMS shall be used on this Contract.

SECTION 217 - BEDDING AND BACKFILL MATERIALS

217-2.2 Stones, Boulders, and Broken Concrete. To the "GREENBOOK", Table 217-2.2, DELETE in its entirety and SUBSTITUTE with the following:

TABLE 217-2.2

Zone	Zone Limits	Maximum Size (greatest dimension)	Backfill Requirements in Addition to 217-2.1
Street or Surface Zone	From ground surface to 12" (300 mm) below pavement subgrade or ground surface	2.5" (63 mm)	As required by the Plans or Special Provisions.
Street or Surface Zone		Sand	Sand equivalent of not less than 30.

Zone	Zone Limits	Maximum Size (greatest dimension)	Backfill Requirements in Addition to 217-2.1
Backfill of Tunnels beneath Concrete Flatwork			
Trench Zone	From 12" (300 mm) below pavement subgrade or ground surface to 12" (300 mm) above top of pipe or box	6" (150 mm)	
Deep Trench Zone (Trenches 3' (0.9 m) wide or wider)	From 60" (1.5 m) below finished surface to 12" (300 mm) above top of pipe or box	Rocks up to 12" (300 mm) excavated from trench may be placed as backfill	
Pipe Zone	From 12" (300 mm) above top of pipe or box to 6" (150 mm) below bottom of pipe or box exterior	2.5" (63 mm)	Sand equivalent of not less than 30 or a coefficient of permeability greater than 1-½ inches/hour (35 mm per hour).
Overexcavation	Backfill more than 6" (150 mm) below bottom of pipe or box exterior	6" (150 mm)	Sand equivalent of not less than 30 or a coefficient of permeability greater than 1-½ inches/hour (35 mm per hour). Trench backfill slurry (100-E-100) per 201- 1 may also be used.

SECTION 300 – EARTHWORK

300-1.1 General. To the "WHITEBOOK", ADD the following:

Clearing and grubbing shall also include the removal and disposal of all miscellaneous materials: Buried pavements and other materials, old subsurface pavements and other materials encountered under existing pavements, which are within designated excavation areas on the plans.

The work includes demolition and removal (unclassified demolition) of all materials and facilities indicated or specified. Do not begin demolition until authorization is received from the Engineer. Remove rubbish and debris daily, unless otherwise directed. Store materials that cannot be removed daily in areas approved by the Engineer.

Existing Condition. All existing streets have a varying thickness of asphalt concrete (AC) pavement and/or portland cement concrete (PCC) pavement over an unknown thickness of base material. It is assumed that the existing street section is 6" AC pavement or PCC pavement over base material.

In addition to the above items, clearing and grubbing shall include, but not be limited to the following items as shown on the plans or specified in these Special Provisions.

1. Providing continuous pedestrian and vehicular access along the roadway within the project area, and as directed by the Engineer.
2. Saw cutting of concrete and asphalt concrete at joints and right-of-way limits and other areas as shown on the plans.
3. Protection of existing and relocated utility structures prior to and during construction of proposed improvements.

Clearing and grubbing shall also include saw cutting, demolition, removal, and disposal of all existing improvements (up to 12") including, but not limited to, soil, pavement (Asphalt Concrete, PCC, Base, Cement Treated Base, Unclassified Material, Structure Deck for Curb Ramp Type C1), berm, curb and gutter, guardrails, fencing, abandoned and salvaged utilities and utility structures (pull boxes, etc.), signs and sign posts, and all other existing improvements that are shown on the plans for removal, directed by the Resident Engineer to be removed, or otherwise required to perform the work.

300-1.3.2

Requirements. To the "WHITEBOOK", item 1 "Bituminous Pavement", ADD the following:

These bituminous pavement removals shall include removal of the asphalt surface material and underlying base or compacted native soil as shown on the plans to allow construction of the proposed improvements.

To item 2 "Concrete Pavement", ADD the following:

When concrete pavement is saw cut, the pavement shall be cut to a true line so that a straight edge is left at the completion of the work. Cutting shall be either a diamond saw cut or by a method that produces a similar result. The blade shall be of such size and configuration that the desired dimensions of the saw cut can be made with one pass. Either dry or wet cutting will be allowed. Saw cutting to include planter boxes.

Saw cut surfaces shall be thoroughly cleaned to remove any dirt, dust or deleterious matter adhering to the saw cut faces. Saw cut surfaces shall be dried prior to placing new material in contact with the saw cut face

Residue resulting from saw cutting operations shall not be permitted to flow across shoulders or lanes occupied by public traffic and shall be removed from the pavement surface by vacuuming or other approved method before any residue flows off of the pavement surface. Residue from saw cutting operations shall be disposed of outside of the right of way in conformance with the specifications and local regulations.

ADD the following:

6. **Excavation.**

Clearing and grubbing of concrete and asphalt pavements, sidewalk, curb ramps, curb and gutter, driveway, wall, bushes, trees shall include removal and disposal of such additional materials below the surface as necessary

to allow construction of the new pavements, sidewalks, curb ramps, curb and gutter and cross gutters as called for on the plans.

300-1.4 Payment. To the "WHITEBOOK", 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 pavement replacement areas, shall be included in the lump sum price for "Clearing and Grubbing".

ADD the following:

8. The lump sum price for "Clearing and Grubbing" shall include full compensation for the saw cutting, removal, protection, and disposal of any and all PCC pavement, AC pavement, base material, soil, driveway, sidewalk, curb ramp, curb & gutter, cross gutter, raised median, landscaping, irrigation, and any other materials and objects that are in conflict with the installation of the work as shown on the Plans.

The lump sum price for Clearing and Grubbing shall include full compensation for salvage pull box.

SECTION 301 – SUBGRADE PREPARATION, TREATED MATERIALS, AND PLACEMENT OF BASE MATERIALS

301-1.7 Payment. To the "WHITEBOOK", ADD the following:

7. The payment for adjusting existing pull box frames and covers to grade shall be included in the Bid item for "Adjust Pull Box".

SECTION 302 – ROADWAY SURFACING

302-1.6 Cold Milling of Composite Pavements. To the "GREENBOOK", first paragraph, DELETE in its entirety and SUBSTITUTE with the following:

Composite pavements are pavements that consist of more than one material overlaid with another (e.g. Portland cement concrete overlaid with asphalt concrete).

302-1.11 Measurement. To the "GREENBOOK", first paragraph, DELETE in its entirety and SUBSTITUTE with the following:

Cold milling will be measured by the linear foot (m) along the edge of the transverse joint lines, adjacent curb, gutter, or cross gutter, or by the square foot (m²) as shown in the Bid.

302-5.9 Measurement and Payment. To the "WHITEBOOK", item 2, DELETE in its entirety.

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

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

SECTION 303 - CONCRETE AND MASONRY CONSTRUCTION

303-1.11 **Payment.** To the "GREENBOOK", ADD the following:

The Contract unit price paid for "Modify Curb Inlet" shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing the work involved in constructing and/or modifying the curb inlet, including earthwork and removal of portions of existing curb inlet as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

303-5.5.3 **Walk.** To the "WHITEBOOK", ADD the following:

Reset Pedestrian Barricade will be done according to section 304-2 of the Standard Specifications.

Install Pedestrian Barricade will be done according to section 304-2 of the Standard Specifications.

303-5.9 **Measurement and Payment.** To the "WHITEBOOK", ADD the following:

Full compensation for Reset Pedestrian Barricade Post shall be considered as included in the Contract unit price per square foot for "Concrete Sidewalk".

The Contract unit price paid for Pedestrian Barricade shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing the work involved in constructing the pedestrian barricade, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

SECTION 304 -METAL FABRICATION AND CONSTRUCTION

304-1.4 **Steel Structures.** To the "WHITEBOOK", ADD the following:

The work includes anchoring of new structural steel members to the bridge deck and girders. When drilling to install anchors into the existing concrete structure, ensure that existing steel reinforcement is not damaged or cut. If location of existing reinforcement interferes with installation of new structural members, notify structural engineer.

All new structural steel shall be hot dip galvanized.

304-1.12.4 Payments. To the "GREENBOOK", ADD the following:

Deck Drainage System shall be constructed in accordance with City Standards and the CALTRAN Specification 75-3 Miscellaneous Bridge Metal; Deck Drain Supporting Steel shall be in accordance with the Caltrans Specifications 55 Steel Structures. The payment shall be in lump sum for "Deck Drainage System" and shall provide all components and work to provide a functioning drainage system. This shall include, but not limited to, the following

1. Cutting, demolition and removal of concrete for installation of new deck drains.
2. Boring through existing concrete structure and abutments for installation of new pipe.
3. Installation of new deck drains.
4. Procurement and installation of welded steel pipe connecting adjacent deck drains.
5. Procurement and installation of welded steel pipe connecting deck drains, through abutment, and into existing storm drain system.
6. Excavation and concrete coring necessary for installation of welded steel pipe connection to storm drain system.
7. Replacement of curb, gutter, and sidewalk removed to allow installation of welded steel pipe connection to storm drain system.
8. Procurement and installation of new structural support framing for bridge deck.
9. Procurement and installation of new welded steel pipe support framing.
10. Procurement and installation of new through bolts.
11. Procurement and installation of new post installed anchors.
12. Excavation and fill.

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

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

306-15.1 General. To the "GREENBOOK". ADD the following:

- n) The payment for the installation of proposed steel drainage piping, in accordance with the plans, shall be included in the Bid items for "8" PS6 x

0.135" Steel Pipe" and "8" SDR-35 PVC Pipe". Payment of these Bid items shall include all necessary work and appurtenance required for the proper functionality of the storm drain system.

SECTION 314 - TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS, AND PAVEMENT MARKERS

314-4.4.6 Payment. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. No separate payment shall be made for establishing alignment for stripes and layout Work.
2. The payment for the installation of proposed thermoplastic striping and thermoplastic pavement markings, in accordance to the Plans, shall be included in the Bid items for "Thermoplastic Traffic Striping" and "Thermoplastic Pavement Markers".
3. The payment for the replacement of thermoplastic striping and thermoplastic pavement markings shall be included in the Lump Sum Bid item for "Thermoplastic Traffic Striping" and "Thermoplastic Pavement Markings".
4. The payment for the thermoplastic traffic striping of continental crosswalks shall be included in the Bid item for "Continental Crosswalks".
5. The payment for the replacement of existing traffic striping, pavement markings, and pavement markers shall be included in the Bid item for "Traffic Striping" and shall also include the payment for new installations of traffic striping, pavement markings, and pavement markers

SECTION 700 - MATERIALS

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

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

SECTION 701 - CONSTRUCTION

701-2 PAYMENT. To the "WHITEBOOK", paragraph 12, ADD the following:

- e) "Remove and Salvage Traffic Signs"

ADD the following:

19. The payment for Pedestrian Barricades shall be included in the Bid item for each "Pedestrian Barricade".
20. The payment for Curb Ramp Barricades shall be included in the Bid item for each "Curb Ramp Barricade".
21. The payment for pedestrian push button shall include all components and work to provide a functioning system and is to include, but is not limited to, the foundation, base, pole, mounting hardware, push button, and electrical wiring to traffic system. It shall be included in Bid item for "Pedestrian Push Button".

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

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

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

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

TO: 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.: (CIP # B-00870/LEGACY JO# 525233) PROJECT TITLE: VOLTAIRE STREET BRIDGE REHABILITATION

PROJECT LOCATION-SPECIFIC: The bridge is located 0.9 mile south of the western terminus of Interstate 8 and one-third mile north- northwest of the intersection of Voltaire Street and Chatsworth Boulevard as Voltaire Street crosses over Nimitz Boulevard; specifically between Sea Colony Ct. and Wabaska Drive in the Peninsula Community Planning Area. Work activities are not located within or adjacent to the MHPA.

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

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT: CITY COUNCIL APPROVAL to rehabilitate the Voltaire Street bridge between Sea Colony Ct and Wabaska Dr. Work consists of removal and replacement of barrier rail, removal of existing center median, reduce number of through-lanes to two, provide left turn lane in both directions, modify existing storm drain inlet, modify existing traffic signal, restriping, install street lights, address ADA requirements, repair sidewalk, repair approach-ways to provide a smooth transition, patch and repair spalls, and seal concrete deck.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: David Li, Project Engineer, Engineering and Capital Projects Department/Right of Way Design, 600 B Street, MS 908A, San Diego, CA 92101, 619-533-5164.

EXEMPT STATUS: (CHECK ONE)

- () MINISTERIAL (SEC. 21080(b)(1); 15268);
() DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
() EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
(X) CATEGORICAL EXEMPTION: 15301(b/c/d/f) EXISTING FACILITIES
() STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: No impacts to archeological or biological resources would result as all work is w/in the previously disturbed bridge footprint. The activity will not result in any significant impacts and therefore, an exemption from CEQA can be issued.

LEAD AGENCY CONTACT PERSON: Myra Herrmann, Senior Planner TELEPHONE: (619) 446-5372

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

Myra Herrmann, Senior Planner
SIGNATURE/TITLE

DECEMBER 31, 2009
DATE

CHECK ONE:

- (X) SIGNED BY LEAD AGENCY
() SIGNED BY APPLICANT

DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:

Revised December 31, 2009mjli

APPENDIX B
FIRE HYDRANT METER PROGRAM

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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

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

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

4. **POLICY**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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

for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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

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

7. FEE AND DEPOSIT SCHEDULES

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

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

8. UNAUTHORIZED USE OF WATER FROM A HYDRANT

8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.

8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.

8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.

8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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

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

Water Department Director

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire (EXHIBIT A) Hydrant Meter

(For Office Use Only)

NS REQ	FACH
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

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

Company Information

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

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

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

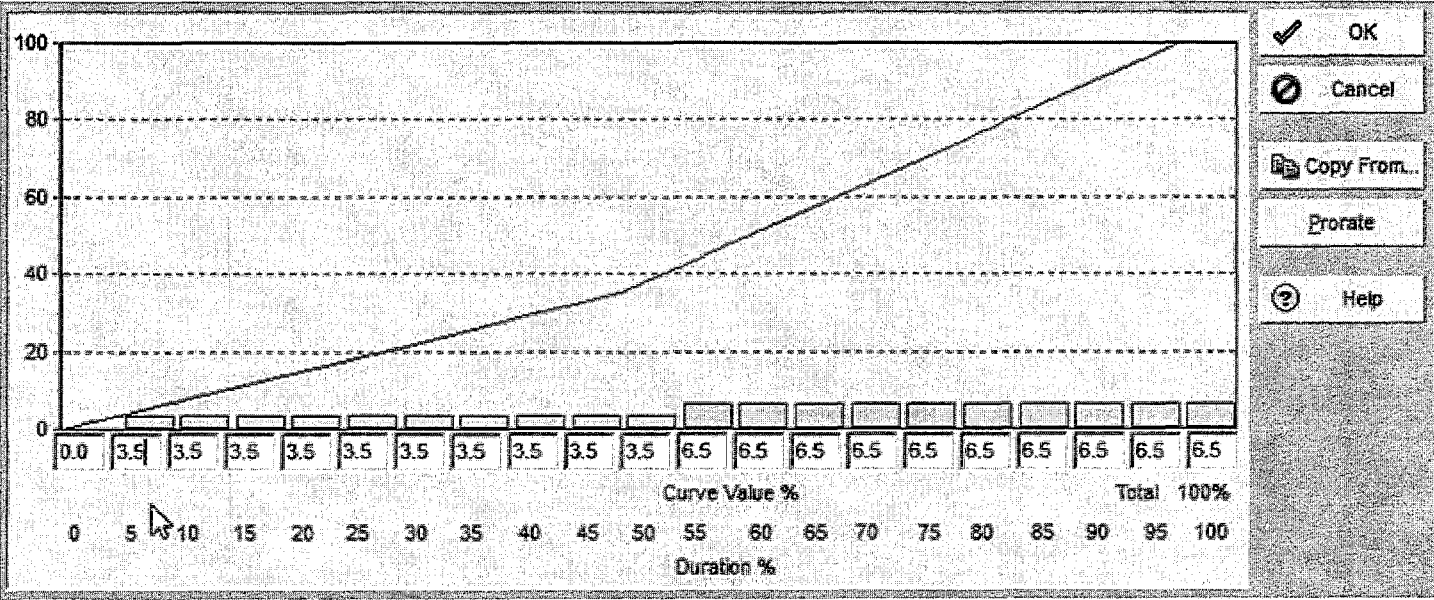
Sample Project Spend Curve

Sample Date Entries Required

Incremental Curve Value
Duration % Increment

0.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
0%	5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%		

Sample Screenshot from Primavera P6



APPENDIX E
LOCATION MAP

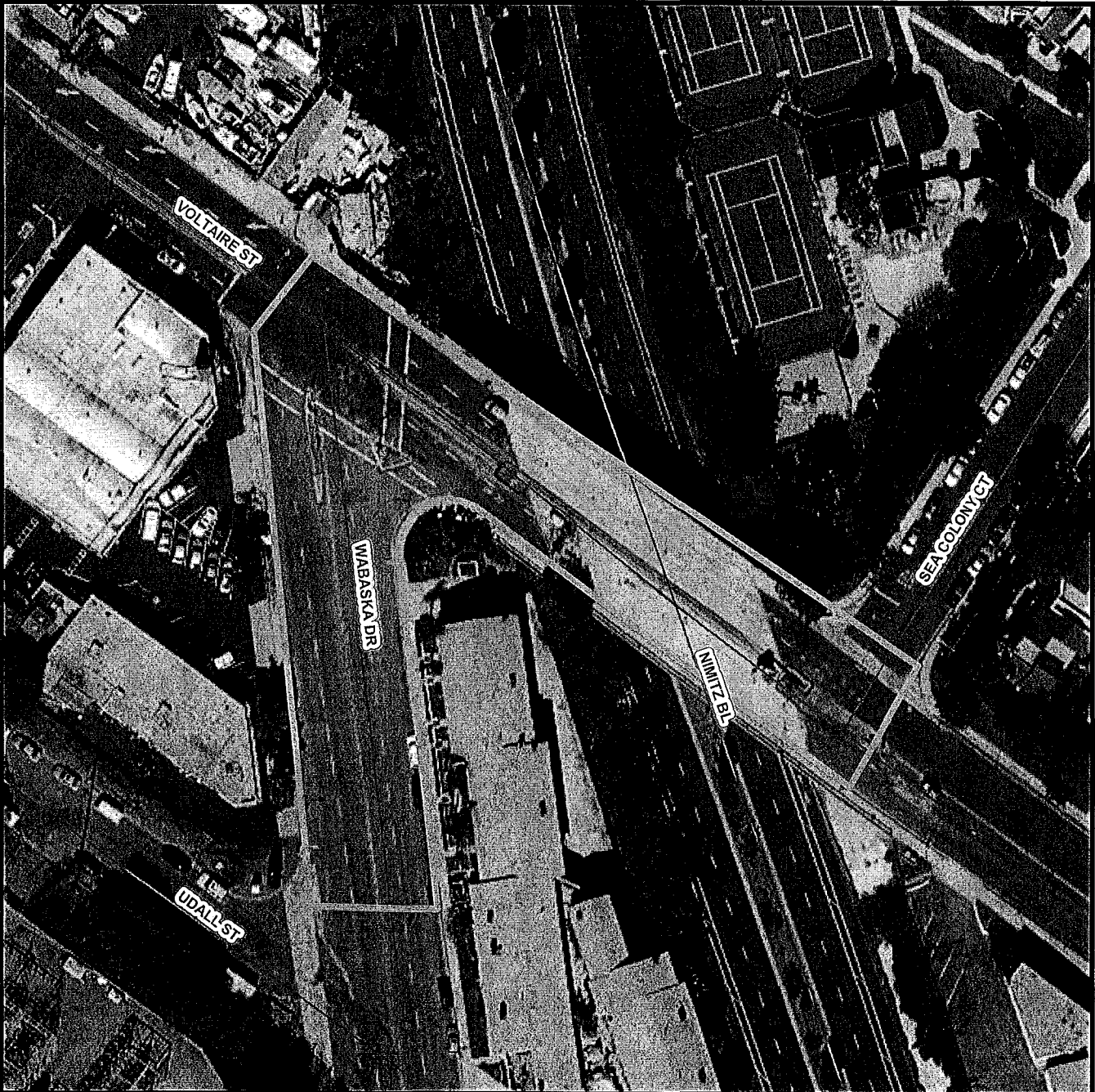
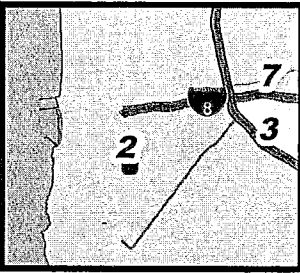
Voltaire St Bridge over Nimitz Blvd

SENIOR ENGINEER
 Dan Nutter
 (619) 533-7492

PROJECT MANAGER
 Alex Bangean
 (619) 533-4634

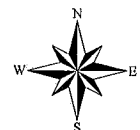
PROJECT ENGINEER
 Shawn Krause
 (619) 533-5107

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



Legend

 Improvements



COMMUNITY NAME: Peninsula Community COUNCIL DISTRICT: 2

SAP ID: B00870

Date: December 6, 2016
 Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation
 Appendix E - Location Map



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 F

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 DATE MO DAY YR	TIME NOTIFIED OES (use 24 hr time)
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
G	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER	QUANTITY RELEASED 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 _____ 24 HR. PHONE: () _____

CITY _____ STATE _____ ZIP _____

EPA ID NO. _____ MANIFEST DOCUMENT NO. _____

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

CONTENTS, COMPOSITION _____

PROPER DOT SHIPPING NAME _____

TECHNICAL NAME (S) _____

UN/NA NO. WITH PREFIX _____

PHYSICAL STATE | HAZARDOUS PROPERTIES

SOLID LIQUID | CORROSIVE REACTIVE FLAMMABLE TOXIC OTHER _____

HANDLE WITH CARE!

CONTAINS HAZARDOUS OR TOXIC WASTES

APPENDIX G

SAMPLE OF PUBLIC NOTICE

FOR SAMPLE REFERENCE ONLY



CONSTRUCTION NOTICE

PROJECT TITLE

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

The work will consist of:

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

How your neighborhood may be impacted:

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

Hours and Days of Operation:

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

City of San Diego Contractor:

Company Name, XXX-XXX-XXXX



CONSTRUCTION NOTICE

PROJECT TITLE

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

The work will consist of:

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

How your neighborhood may be impacted:

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


Hours and Days of Operation:

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


City of San Diego Contractor:

Company Name, XXX-XXX-XXXX

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

 This information is available in alternative formats upon request.
Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation
Appendix G - Sample of Public Notice

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

 This information is available in alternative formats upon request.

APPENDIX H

ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

Protecting AMI Devices in Meter Boxes and on Street Lights

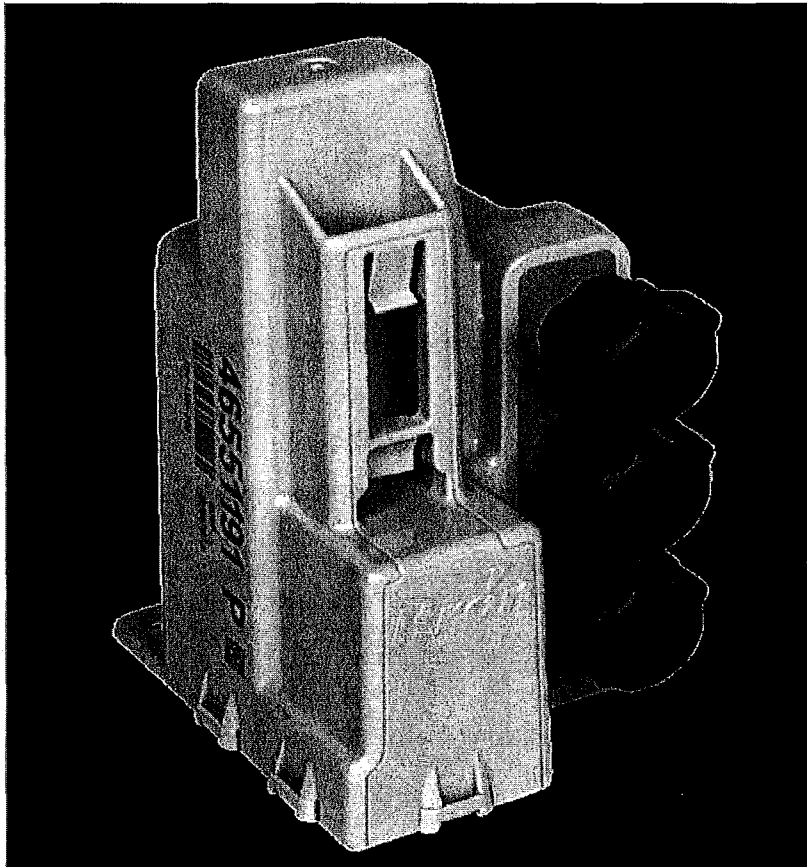
The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water.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

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

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

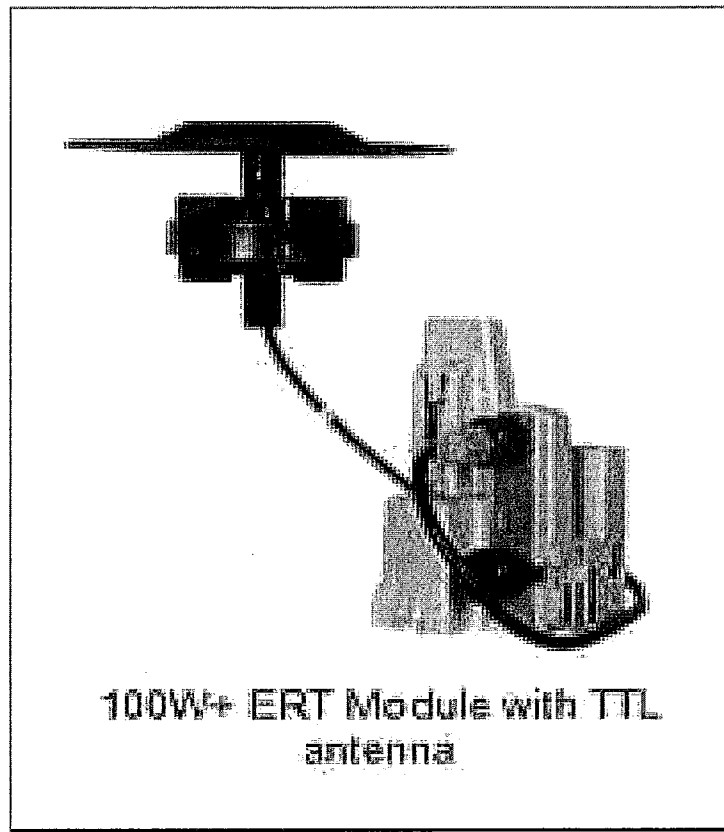
- A. Endpoints, see Photo 1:

Photo 1



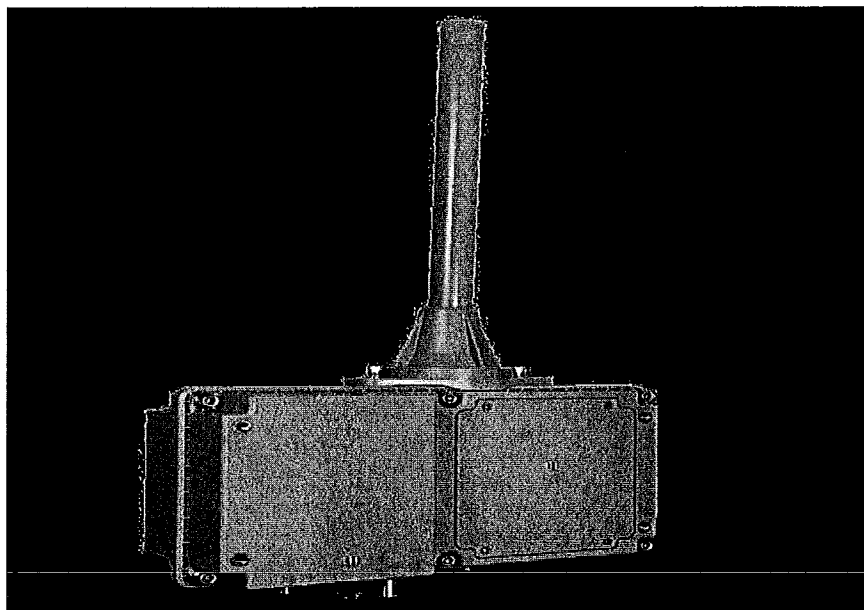
B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:

Photo 2



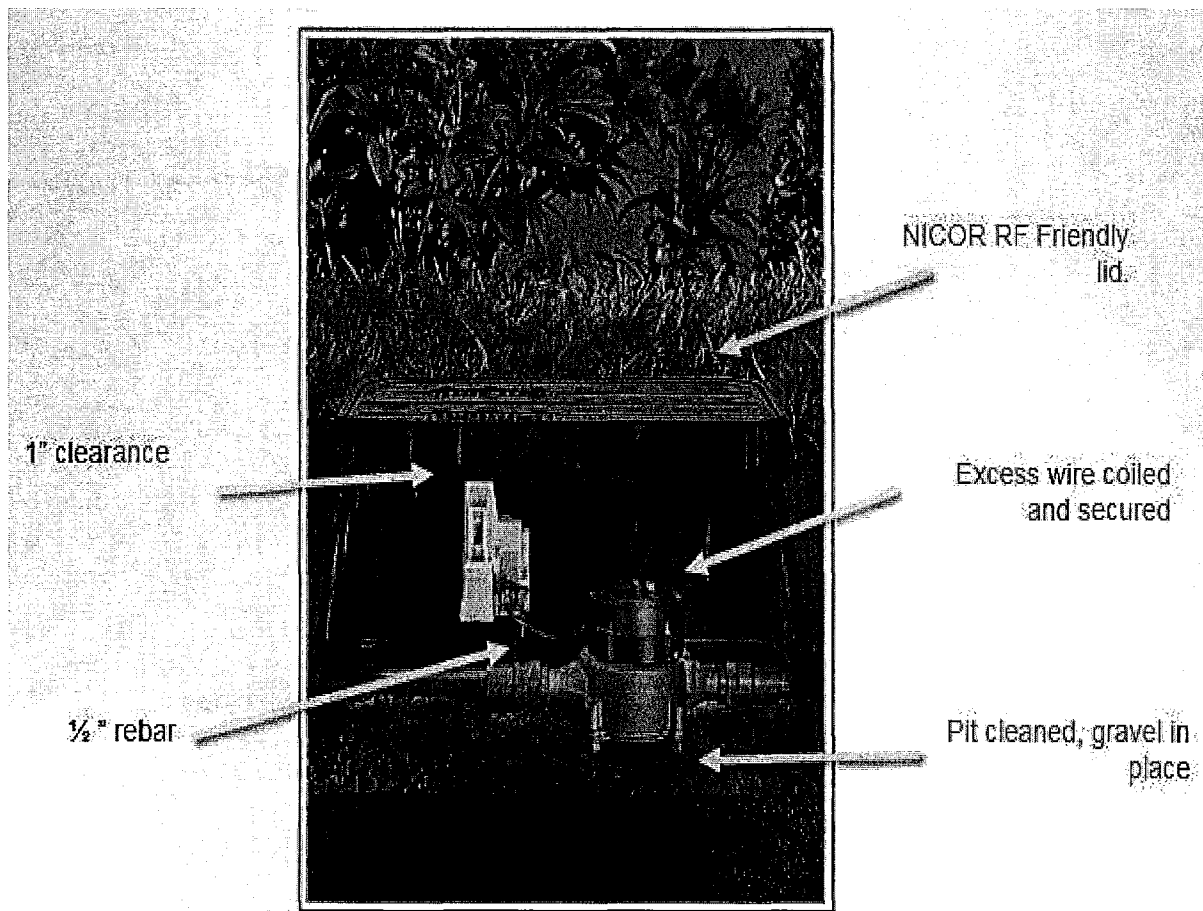
Network Devices, see Photo 3:

Photo 3



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

Photo 4



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

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

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

Photo 5

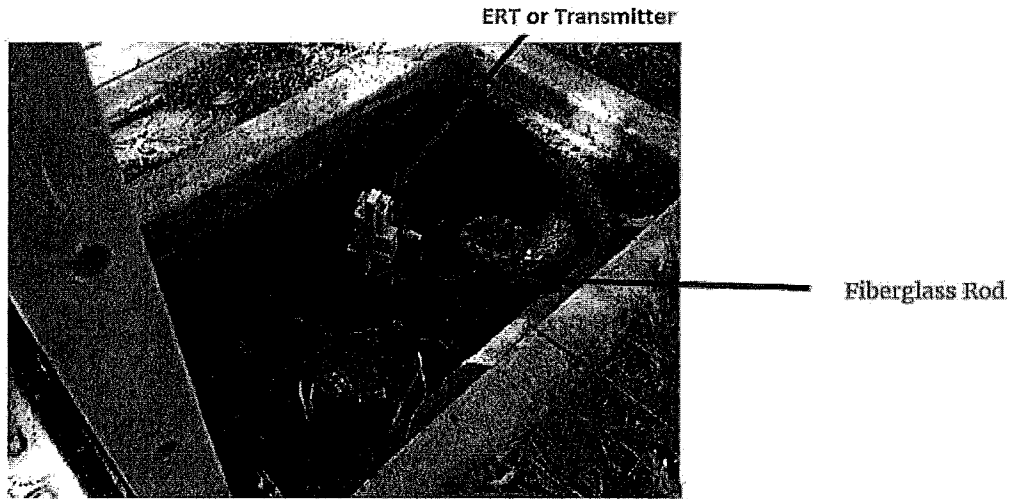
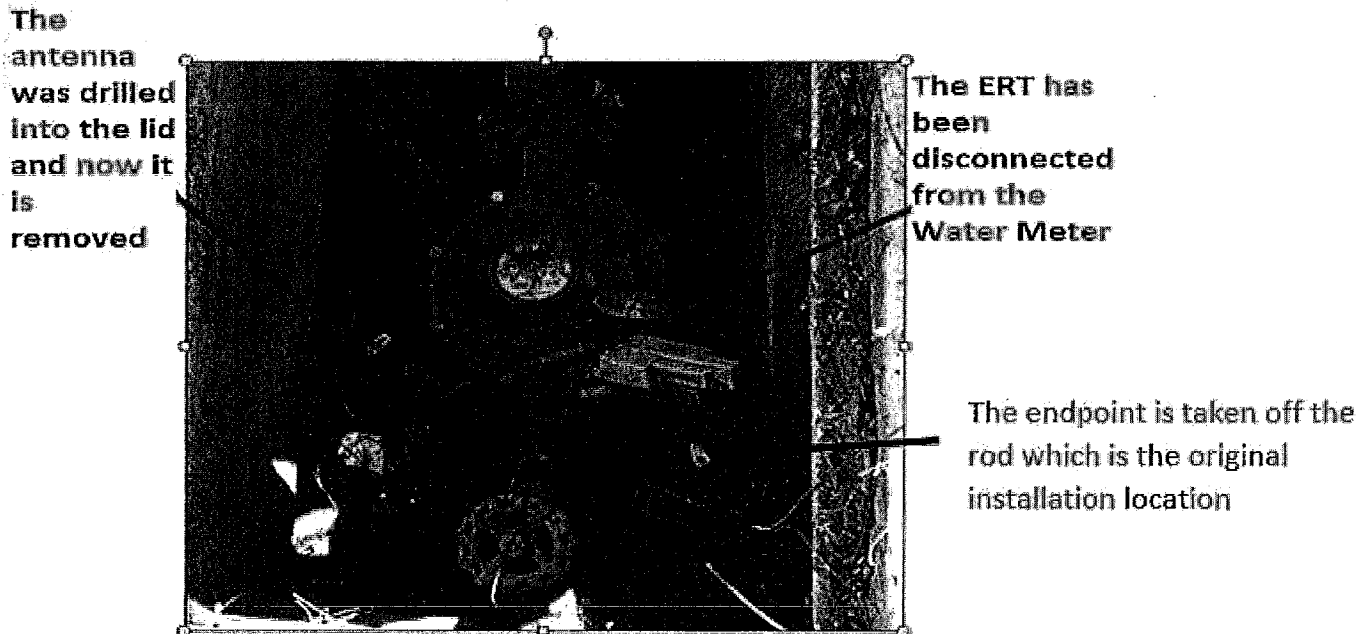


Photo 6 below is an example of disturbance that shall be avoided:

Photo 6



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

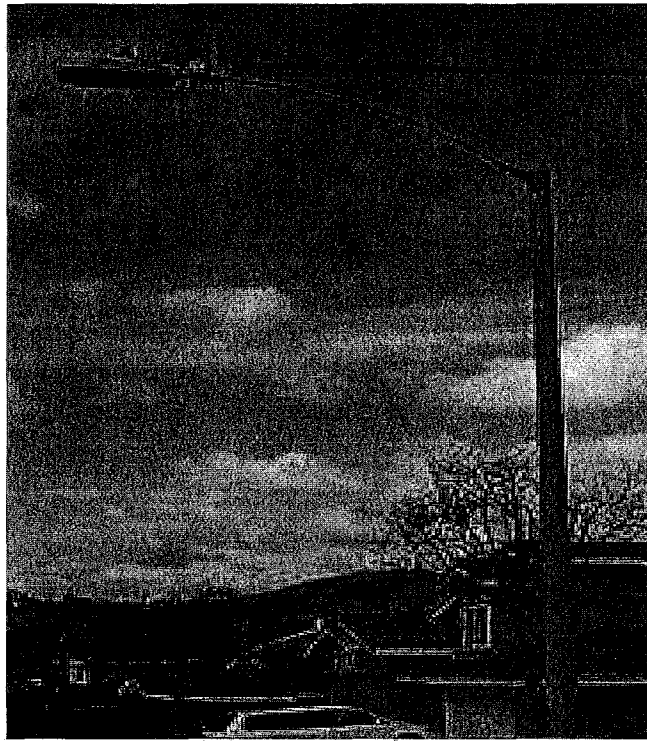
Photo 7



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

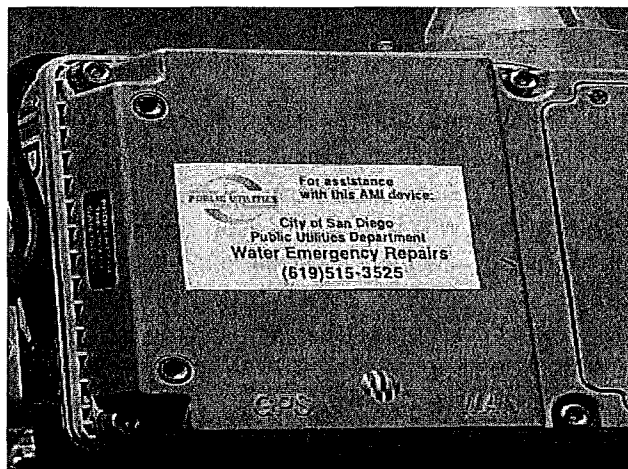
Photo 8 shows an installed network device on a street light. On the back of each Network Device is a sticker with contact information. See Photo 9. **Call PUD Water Emergency Repairs at 619-515-3525 if your work will impact these street lights.** These are assets that belong to the City of San Diego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

Photo 8



Network Device

Photo 9



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

ATTACHMENT F
INTENTIONALLY LEFT BLANK

ATTACHMENT G
CONTRACT AGREEMENT

CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Hazard Construction Company, herein called "Contractor" for construction of **Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation**; Bid No.: **K-18-1547-DBB-3**; in the amount of **One Million Three Hundred Sixty Seven Thousand Nine Hundred Forty Nine Dollars and Zero Cents (\$1,367,949.00)**, which is comprised of the Base Bid.

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

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Instruction to Bidders and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled **Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation**, on file in the office of the Public Works Department as Document No. **B-00870**, as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation**, Bid Number **K-18-1547-DBB-3**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

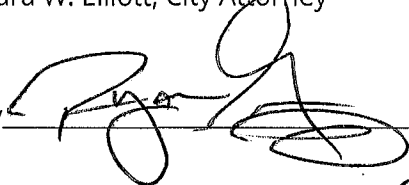
CONTRACT AGREEMENT (continued)

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 

Mara W. Elliott, City Attorney
By 

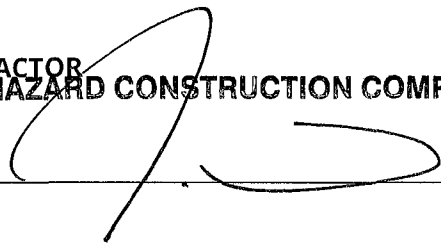
Print Name: Stephen Samara
Principal Contract Specialist
Public Works Department

Print Name: RYAN P. GERRITT
Deputy City Attorney

Date: 12-27-17

Date: 12/28/17

CONTRACTOR
HAZARD CONSTRUCTION COMPANY

By 

Print Name: _____

Title: JASON A. MORDHORST, PRESIDENT

Date: 9/26/17

City of San Diego License No.: B1998008961

State Contractor's License No.: 750542

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000022121

CERTIFICATIONS AND FORMS

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

Bidder's General Information

To the City of San Diego:

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

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

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

State of California

County of San Diego

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

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

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

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

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

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

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

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

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

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

CONTRACTOR CERTIFICATION

Equal Benefits Ordinance Certification

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

AFFIDAVIT OF DISPOSAL

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

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

Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation

(Name of Project or Task)

as particularly described in said contract and identified as Bid No. **K-18-1547-DBB-3**; SAP No. (WBS/IO/CC) **B-00870**; 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 _____, _____.

By: _____
Contractor

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

COMPANY LETTERHEAD
CERTIFICATE OF COMPLIANCE

Materials and Workmanship Compliance

For Contract or Task _____

I certify that the material listed below complies with the materials and workmanship requirements of the Caltrans Contract Plans, Special Provisions, Standard Specifications, and Standard Plans for the contract listed above.

I also certify that I am an official representative for _____, the manufacturer of the material listed above. Furthermore, I certify that where California test methods, physical or chemical test requirements are part of the specifications, that the manufacturer has performed the necessary quality control to substantiate this certification.

Material Description:

Manufacturer: _____
Model: _____
Serial Number (if applicable) _____
Quantity to be supplied: _____
Remarks: _____

Signed by: _____

Printed Name: _____

Title: _____

Company: _____

Date: _____

City of San Diego
Public Works Department, Field Division

NOTICE OF MATERIALS TO BE USED

To: _____ Date: _____, 20____

Resident Engineer

You are hereby notified that the materials required for use under Contract No. _____
for construction of _____

in the City of San Diego, will be obtained from sources herein designated.

CONTRACT ITEM NO. (Bid Item)	KIND OF MATERIAL (Category)	NAME AND ADDRESS WHERE MATERIAL CAN BE INSPECTED (At Source)

It is requested that you arrange for a sampling, testing, and inspection of the materials prior to delivery, in accordance with Section 4-1.11 of the WHITEBOOK, where it is practicable, and in accordance with your policy. It is understood that source inspection does not relieve the Contractor of full responsibility for incorporating in the work, materials that comply in all respects with the contract plans and specifications, nor does it preclude subsequent rejection of materials found to be undesirable or unsuitable.

Distribution:

Supplier

Signature of Supplier

Address

LIST OF SUBCONTRACTORS

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

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

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

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

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

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

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

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

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

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

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

- ① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE,SLBE and ELBE):
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- ② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | | |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

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

ELECTRONICALLY SUBMITTED FORMS

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

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

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

- B. CONTRACTOR’S CERTIFICATION OF PENDING ACTIONS**

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

BID BOND

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

KNOW ALL MEN BY THESE PRESENTS,

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

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

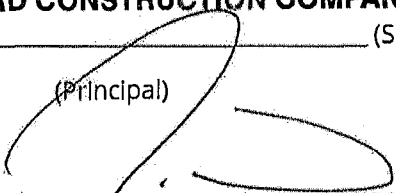
Voltaire Street Bridge Over Nimitz Blvd Bridge Rehabilitation

NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit, including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 30th day of August, 2017


HAZARD CONSTRUCTION COMPANY

(SEAL)

(Principal)
By: 
JASON A. MORDHORST, PRESIDENT
(Signature)

Nationwide Mutual Insurance Company

(SEAL)

(Surety)
By: 
(Signature) **KYLE KING**
ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation hereinafter referred to as the "Company" and does hereby make, constitute and appoint:

Minna Huovila, Tara Bacon, Kyle King, Dale Gene Harshaw

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

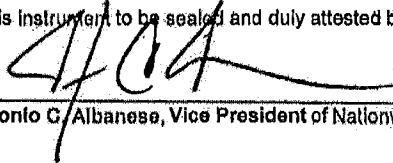
"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 1st day of May, 2017.



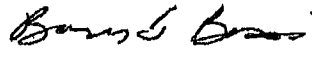
Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK, COUNTY OF NEW YORK: ss
 On this 1st day of May, 2017, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



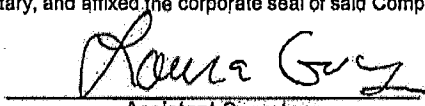
BARRY T. BASSIS
 Notary Public, State of New York
 No. 02BA4656400
 Qualified in New York County
 Commission Expires April 30, 2019


 Notary Public
 My Commission Expires
 April 30, 2019

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 30 day of August, 2017.


 Assistant 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

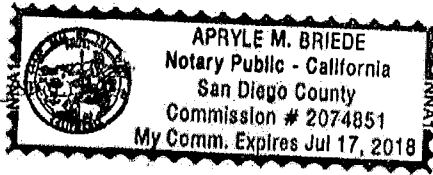
On August 30, 2017 before me, Apryle M. Briede, Notary Public
Date NAME, TITLE OF OFFICER - E.G. AJANE DOE, NOTARY PUBLIC
personally appeared Kyle King
NAME(S) OF SIGNER(S)

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.

Apryle M. Briede
NOTARY PUBLIC SIGNATURE



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 30, 2017 before me, Apryle M. Briede, Notary Public

Date

NAME, TITLE OF OFFICER - E.G. AJANE DOE, NOTARY PUBLIC

personally appeared Jason A. Mordhorst

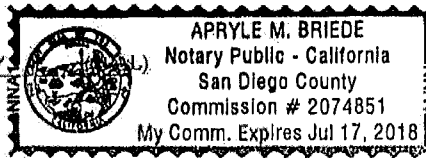
NAME(S) OF SIGNER(S)

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.

Apryle M. Briede
NOTARY PUBLIC SIGNATURE



CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

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

CHECK ONE BOX ONLY.

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

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

Contractor Name: HAZARD CONSTRUCTION COMPANY

Certified By JASON A. MORDHORST, PRESIDENT Title _____
 Name _____
 Signature _____ Date 8/30/17

USE ADDITIONAL FORMS AS NECESSARY

HAZARD CONSTRUCTION COMPANY

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

In March 2013, a lawsuit was filed against Hazard Construction Company by a former employee, Kenneth McDonald, in the Superior Court of California, County of San Diego. McDonald was laid off by Hazard as part of a company-wide labor force reduction in December 2011. The lawsuit stated various allegations of discrimination, harassment, and retaliation against McDonald by Hazard and/or its employees. Hazard's management believed the lawsuit was without merit and vigorously defended against the allegations. This matter was mediated and settled in January 2014 without any admission of wrongdoing or fault by Hazard.

In May 2016, a lawsuit was filed against Hazard Construction Company by a former employee, Trinidad Davalos, in the Superior Court of California, County of San Diego. Davalos was terminated earlier in 2016. The lawsuit stated a claim for wrongful termination due to disability discrimination against Davalos. Hazard's management believes the lawsuit is without merit and has vigorously defended against the allegation. This matter was settled in January 2017 without any admission of wrongdoing or fault by Hazard.

City of San Diego

CITY CONTACT: Angelica Gil, Contract Specialist, Email: AngelicaG@saniego.gov

Phone No. (619) 533-3622, Fax No. (619) 533-3633

ADDENDUM A

 **e - Bidding** FOR



VOLTAIRE STREET BRIDGE OVER NIMITZ BLVD BRIDGE REHABILITATION

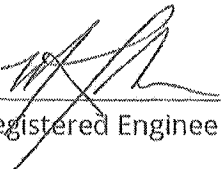
BID NO.:	<u>K-18-1547-DBB-3</u>
SAP NO. (WBS/IO/CC):	<u>B-00870</u>
CLIENT DEPARTMENT:	<u>2116</u>
COUNCIL DISTRICT:	<u>2</u>
PROJECT TYPE:	<u>IB</u>

BID DUE DATE:

2:00 PM
SEPTEMBER 5, 2017
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101

ENGINEER OF WORK

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



1) Registered Engineer

08/23/2017
Date

Seal:

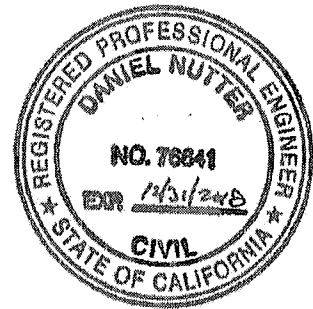




2) For City Engineer

8/22/2017
Date

Seal:



A. CHANGES TO CONTRACT DOCUMENTS

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

B. BIDDER'S QUESTIONS

Q1. (a) Plan Sheets T-7 and T-9 show delineators/cones adjacent to the concrete barrier and sidewalk replacement. This plan will likely create a major safety issue since there will not be a barrier to prevent cars from going off the side of the bridge in the event of an accident. The City should revise these plan sheets to include temporary railing Type K until the new barrier/sidewalk can be placed and create a bid item for this work.

(b) Additionally, these plan sheets do not appear to account for the removal of the median in a prior stage as shown on Plan Sheet T-5.

A1. (a) Traffic Control Sheets have been modified in Addendum A to include K-rail. Please include k-railing, appropriate attenuator/crash cushions, and signage including Type-P (CA) (L) signs within your traffic control bid item.

(b) Removal of median can be found on Sheet D-1, Demo Plan. The crisscross hatching calls out "remove median". It is also called out on sheets C-1 and C-2.

Q2. Plan Sheet S-2, Detail 11, calls for over 1500 dowels to be installed at the new curb face and barrier. The City should create a bid item for this work as the specifications are not clear where this work is measured and paid.

A2. We have created a separate bid item and specified in the specs the payment for this work.

Q3. No bid item for the "City Posts" surface mounted channelizers, these are expensive!

A3. There is no specific bid item listed, contractor shall include cost within the project contract bid price.

Q4. Item # 25 "Thermoplastic Traffic Striping" The City of San Diego typically does not use Thermoplastic for Striping, but uses paint!

A4. Bid Item changes to "Painted Traffic Stripes".

- Q5. There seems to be some redundancy in Items # 24 & 27 please clarify.
- A5. Bid item #24 refers to all painted or thermoplastic markings/stripes. This is not identified in bid item #27.
- Q6. Does Item # 31 "Traffic Sign on Post" include the Sign & Post?
- A6. Refer to the "WHITEBOOK" section 701-2 item 13.
- Q7. I cannot find the location of Item # 32 "Pedestrian Barricade" on the plans (Sheet # 10 of 18).
- A7. See sheet C-5, Construction Note 12. Location of pedestrian barricade is near the northeastern curb ramp at Sea Colony Court and Voltaire Street.

C. SUPPLEMENTARY SPECIAL PROVISIONS

1. To Section 9 – Measurement and Payment, subsection 9-3.1, page 40, **ADD** the following:

Drill and Bond Dowels. To the "GREENBOOK", ADD the following:

Drilling and Bonding Dowels shall be constructed in accordance with the CALTRAN Specification 40-1 Concrete Pavement. The payment shall be Lump Sum for "Drill and Bond Dowels". The payment shall include, but not limited to all required setup, labor, hardware, material, and disposal.

D. PLANS

1. To drawings numbered 38648-01-D through 38648-04-D, 38648-06-D through 38648-10-D, 38648-13-D, 38648-16-D through 38648-17-D, **DELETE** in their entirety and **REPLACE** with pages 6 through 17 of this addendum.
2. To drawings numbered 38648-T7-D and 38648-T9-D, **DELETE** in their entirety and **REPLACE** with pages 18 through 19 of this addendum.

E. ADDITIONAL CHANGES

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

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

Section	Item Code	Description	Unit of Measure	Quantity	Payment Reference
Main Bid	237310	Curb Ramp (Type C1) with Detectable Warning Tiles	EA	3 4	303-5.10.2
Main Bid	237310	Thermoplastic Traffic Striping <u>Painted Traffic Stripes</u>	LF	6400	314-4.4.6 <u>314-4.3.7</u>
<u>Main Bid</u>	<u>237310</u>	<u>Drill and Bond Dowel</u>	<u>LS</u>	1	<u>9-3.1</u>

James Nagelvoort, Director
Public Works Department

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

JN / HM / cc

IMPROVEMENT PLANS FOR: VOLTAIRE STREET BRIDGE

IMPROVEMENT PLANS FOR: VOLTAIRE STREET BRIDGE

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 916 OF THE CALIFORNIA GOVERNMENT CODE, AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G., UNDERGROUND SERVICE CENTER) OF SOUTHERN CALIFORNIA AND OBTAIN AN UNDERGROUND SERVICE CENTER (USC) NOTIFICATION NUMBER.
- VERIFY BEFORE ANY EXCAVATION WORK BEGINS TO EXCAVATION WITHIN 10' OF SQUARE UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES (E.G., 69 KV & HIGHER).
- CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES.

CONSTRUCTION STORM WATER PROTECTION NOTES

- TOTAL SITE DISTURBANCE AREA (MENSURED) IS 1.00 ACRES. THE PROJECT IS SUBJECT TO MINOR STORM WATER PERMIT NO. 18-2013-001 AS AMENDED BY 18-2013-001 AND 18-2013-010.
- THE PROJECT IS SUBJECT TO MINOR STORM WATER PERMIT NO. 18-2013-001 AS AMENDED BY 18-2013-001 AND 18-2013-010 AND CONSTRUCTION GENERAL PERMIT DECREE 2000-2009-SWS AS AMENDED BY DECREE 2010-2014-SWS AND 2012-2006-SWS. TRIBUTORIAL: SWS LEVEL 1/2 D 3 D 3 LUP, RISK TYPE 1/2 D 3 D 3.
- CONSTRUCTION SITE PROTECTION IS AS PER 12 HIGH CHANNEL 1810P.

MONUMENTATION/SURVEY NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DESTROYED OR DEGRADED BY CONSTRUCTION. A LOG SHALL BE KEPT OF ALL SURVEY MONUMENTS AND BENCHMARKS THAT ARE DESTROYED OR DEGRADED. ALL DESTROYED OR DEGRADED MONUMENTS SHALL BE REPLACED WITHIN 30 DAYS OF THE DATE OF DESTRUCTION. THE REPLACEMENT MONUMENTS SHALL BE IDENTIFIED BY THE CONTRACTOR AND APPROVED BY THE CITY OF SAN DIEGO. A CORRECT RECORD OF THE SURVEY MONUMENTS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. IF ANY SURVEY MONUMENT IS DESTROYED OR DEGRADED, THE CONTRACTOR SHALL NOTIFY THE CITY OF SAN DIEGO IMMEDIATELY AND PROVIDE A CORRECT RECORD OF THE SURVEY MONUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING AND MAINTAINING BENCHMARKS IDENTIFIED BY THE CONSTRUCTION.

ABBREVIATIONS

ASBND	ABANDON	EL	ELEV	LEVATION	AVB	VEHICULAR PUSH BUTTON
ASBNDQ	ABANDONED	ELC	ELECTRICAL	PROP	PROPOSED	
BRN	BROWN	EX	EXISTING	ST	STREET	
BT	BURIED TUBES	FI	FIRE HYDRANT	SV	SURVEY LINE	
CLTY	CENTER LINE	PS	PRESSURE	SA	SAN DIEGO & AZTECA EASTERN RAILROAD	
CON	CONCRETE	HP	HIGH PRESSURE	SD	SAN DIEGO TROLLEY INC.	
CONTR	CONTRACTOR	MP	MULTIPLE TELEPHONE CABLE	SPW	STREET	
CS	CURB STREET	MS	MULTIPLE TELEPHONE CABLE	SW	UNKNOWN	
DI	DUCTILE IRON	MTS	MULTIPLE TELEPHONE CABLE	UN	UNKNOWN	
ES	ENCASED BURIED	OWD	OVERHEAD	WV	WATER METER	
				WR	WATER	

EXISTING STRUCTURES

EX WATER VALVE	
EX WATER METER	
EX FIRE HYDRANT	
EX SEWER MAN & MANHOLES	
EX DRAIN	
EX PAVEMENT (PROFILE)	
EX GROUP LINE (PROFILE)	
EX TRAFFIC SIGNAL	
EX STREET LIGHT	
GIS MAN	
ELEC. COND., TEL. COND., CAVY	
RAILROAD, TROLLEY TRACKS	

DISCIPLINE CODE

0	GENERAL
D	DEMOLITION
C	CIVIL
S	STRUCTURAL
E	ELECTRICAL
T	TRAFFIC CONTROL

STREET CLASSIFICATION

STREET NAME: VOLTAIRE STREET
STREET CLASSIFICATION: AD=10.000

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT THAT I HAVE EXPRESSED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 8703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONFORMANT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

MATTHEW TOBOLSKI
(ENGINEER'S SIGNATURE)
8/16/2017
DATE

REFERENCES:

- CITY OF SAN DIEGO PRELIMINARY SURVEY FIELD NOTES: DJ 837, MACY, WD, 8-11007.208-1698.10/9/2011
- MAPS: 315-1076-4582, 8259-10004.
- CORNER RECORDS: 26344.
- PARCEL MAPS: 18318.
- RECORD OF SURVEY: 1919.
- CITY DRAWINGS: 6942-L

IF THIS BAR DOES NOT MEASURE 1" FROM DRAWING IS NOT TO SCALE

THE City of SAN DIEGO Public Works

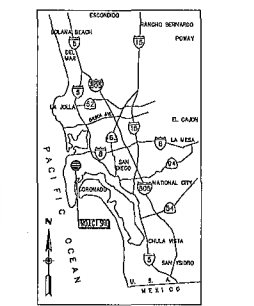
WARRANTY

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	REVISION
A	06/17	1, 2, 3, 4, 6, 7, 8, 9, 10, 13, 16, 17		

WORK TO BE DONE

THE IMPROVEMENT IS TO REMOVE & REPLACE EXISTING BARRIER RAILS & SIGNALS. REMOVE THE ENTIRE EXISTING RAISED MEDIAN, REPAIR THE CONCRETE BRIDGE DECKS IN BOTH DIRECTIONS, RESTORE MOBILE EXISTING TRAFFIC SIGNALS, REMOVE & REPLACE STREET LIGHTS, INSTALL ADA ACCESSIBLE CURB RAMP, AND MODIFY EXISTING STORM DRAIN INLETS ON AND IMMEDIATELY ADJACENT THE BRIDGE.



VICINITY MAP NOT TO SCALE

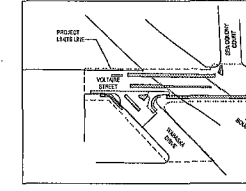
FIELD DATA

BENCHMARK: GPS17
ELEV=409.74
FIELD NOTES:
BASIS OF BEARINGS / COORDINATES:
GPS 17 TO GPS 215 N46° 18'30"E, HD 83.0 FT
CGCS 83 (EPS83 81.45 FEET)
DATUM: MEAN SEA LEVEL
REFERENCES:
MAP NO. 315-1076-4582, 8259-10004

LEGEND

IMPROVEMENTS	STANDARD DRAWINGS	SYMBOL
SIGNAL	500-159, 500-158, 0-10	
CURB AND CUTTER	500-151, TYPE II	
CURB INLET	500-116, TYPE B	
STORM DRAIN CLEANOUT	0-09, TYPE A	
NO. 3-1/2 PULBOK	CALTRANS ES-8	
CURB RAMP	500-132, 500-134	

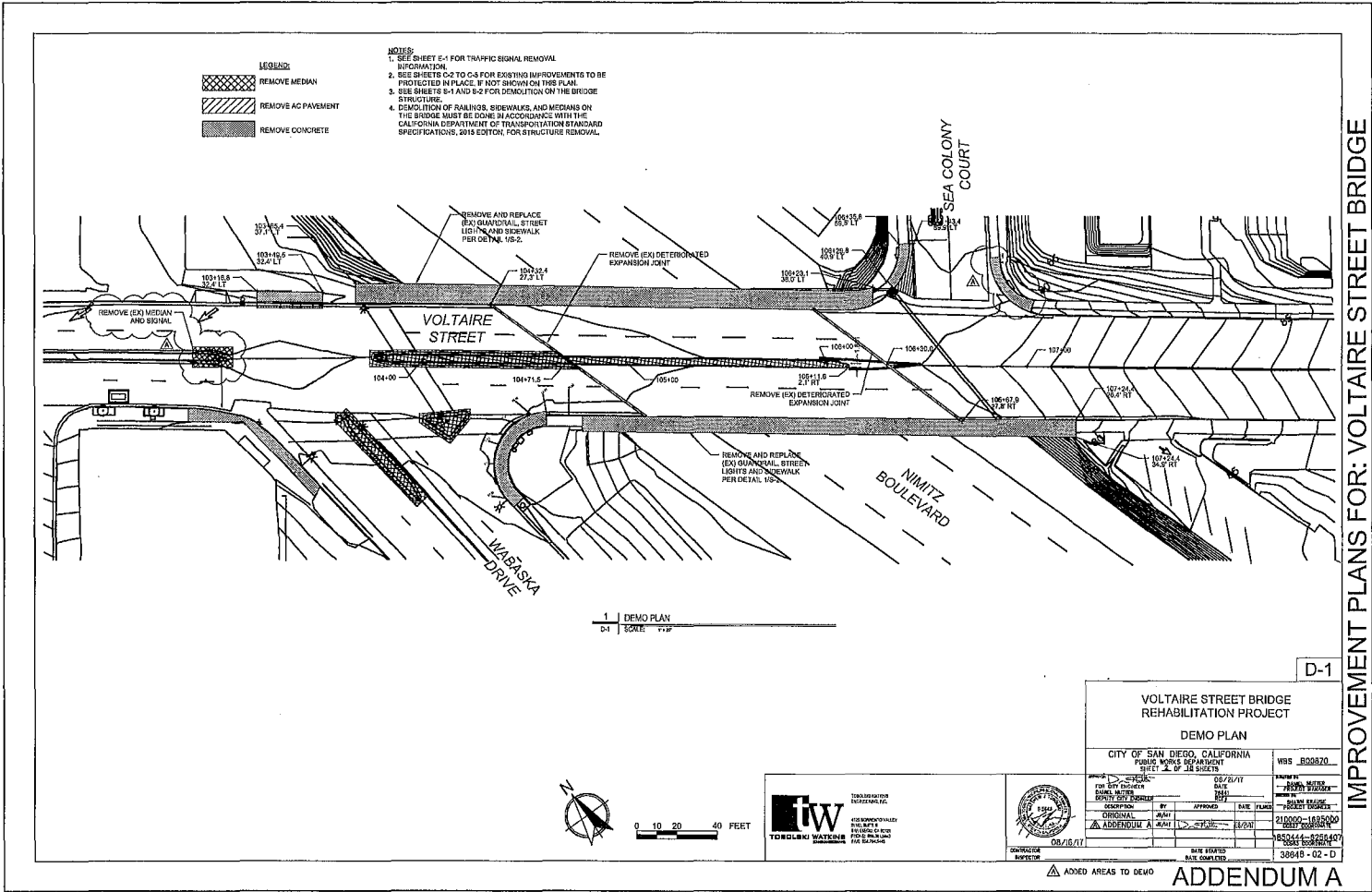
FOR ADDITIONAL SYMBOLS SEE CURB RAMP AND TRAFFIC CONTROL SHEETS.



TRAFFIC CONTROL NOTES:

THE CONTRACTOR SHALL, PER 2015 WHITEBOOK SECTION 601.2.1.3, PREPARE TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE WORKING DRAWINGS WILL BE SENT TO THE ENGINEERING TRAFFIC CONTROL SECTION FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL ALLOW A MINIMUM OF 20 WORKING DAYS FOR REVIEW OF THE WORKING DRAWINGS UPON APPROVAL OF THE TRAFFIC CONTROL PLAN. THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT. WORK SHALL NOT BEGIN IN THE PUBLIC RIGHT OF WAY WITHOUT APPROVED TCP PERMIT.

AS-BUILT INFORMATION		VOLTAIRE STREET BRIDGE REHABILITATION PROJECT COVER SHEET
MATERIALS	MANUFACTURER	
CONSULTANT		CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT 1100 K STREET SAN DIEGO, CA 92161
 TOLBOSKI WATKINS ENGINEERS ARCHITECTS 3155 LA JOLLA VILLAGE DRIVE SAN DIEGO, CA 92161 TEL: 619-594-1100 WWW.TWENR.COM		WBS_808070... DATE: 08/16/17 DRAWN BY: [Name] CHECKED BY: [Name] APPROVED BY: [Name] PROJECT NUMBER: 17000-18344-07 SHEET NUMBER: 38848-01-D DATE: 08/16/17

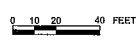


LEGEND

	REMOVE MEDIAN
	REMOVE AC PAVEMENT
	REMOVE CONCRETE

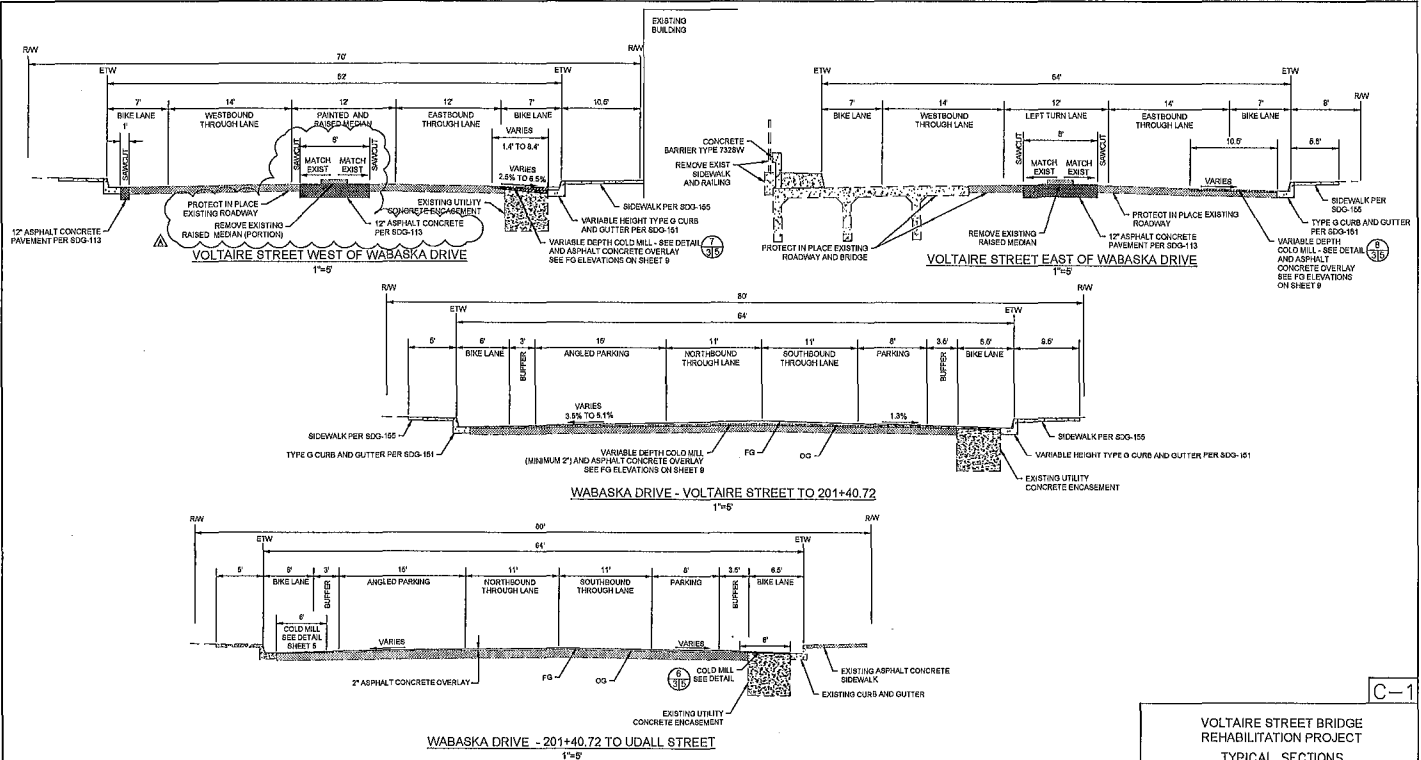
- NOTES**
1. SEE SHEET E-1 FOR TRAFFIC SIGNAL REMOVAL INFORMATION.
 2. SEE SHEETS D-2 TO D-8 FOR EXISTING IMPROVEMENTS TO BE PROTECTED IN PLACE. IF NOT SHOWN ON THIS PLAN.
 3. SEE SHEETS S-1 AND S-2 FOR DEMOLITION ON THE BRIDGE STRUCTURE.
 4. DEMOLITION OF RAILINGS, SIDEWALKS, AND MEDIANS ON THE BRIDGE MUST BE DONE IN ACCORDANCE WITH THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2015 EDITION, FOR STRUCTURE REMOVAL.

1 DEMO PLAN
D-1 SCALE: 1"=10'



VOLTAIRE STREET BRIDGE REHABILITATION PROJECT			
DEMO PLAN			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET NO. OF 18 SHEETS		WBS_B02820	
DATE: 08/21/11	BY: [Signature]	DATE: 08/21/11	BY: [Signature]
DESCRIPTION: DEMO PLAN	APPROVED: [Signature]	DATE: 08/21/11	BY: [Signature]
ADDENDUM A	DATE: 08/21/11	DATE: 08/21/11	DATE: 08/21/11
DRAWN BY: [Signature]		DATE: 08/21/11	
CHECKED BY: [Signature]		DATE: 08/21/11	
APPROVED BY: [Signature]		DATE: 08/21/11	
PROJECT NO: 38844-02-D		SHEET NO: 107	
PROJECT NAME: VOLTAIRE STREET BRIDGE		SHEET TITLE: DEMO PLAN	
PROJECT LOCATION: 38844-02-D		SHEET NUMBER: 107	

ADDED AREAS TO DEMO **ADDENDUM A**



VOLTAIRE STREET BRIDGE REHABILITATION PROJECT	
TYPICAL SECTIONS	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 3 OF 14 SHEETS	WBS 000870
DATE: 01/20/17	SCALE: AS SHOWN
DESIGNED BY: [Signature]	CHECKED BY: [Signature]
APPROVED BY: [Signature]	DATE: 01/20/17
PROJECT NUMBER: 210000-1485000	PROJECT TITLE: VOLTAIRE STREET BRIDGE
LOCATION: 201+40.72 TO 201+40.72	SCALE: AS SHOWN
DATE: 01/20/17	DATE COMPLETED: 3/8/18-03-D

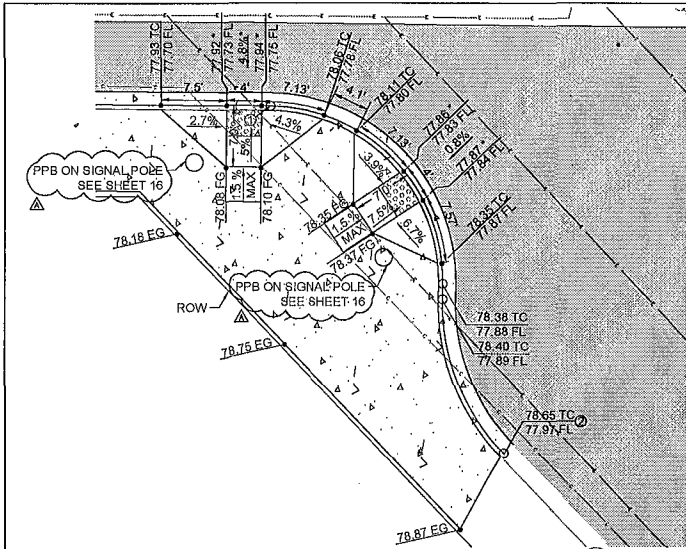
tw
TODOLKI WATSON
CORPORATION

otc
QUALITY ASSURANCE CORPORATION

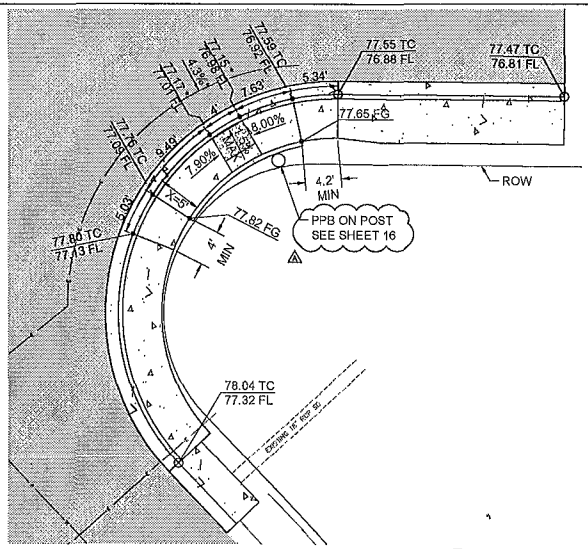
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
No. 51343
EXPIRES 12/31/17

▲ REVISED TO REMOVE PORTION OF MEDIAN WEST OF WABASKA DRIVE

ADDENDUM A



SOUTHWEST CORNER OF VOLTAIRE STREET AT WABASKA DRIVE
1/416



SOUTHEAST CORNER OF VOLTAIRE STREET AT WABASKA DRIVE
2/416

Station	TC	FL	Grade
83	78.38 TC	77.88 FL	0.4%
81	78.10 TC	77.60 FL	0.4%
79	77.93 TC	77.43 FL	0.4%
77	77.70 TC	77.20 FL	0.4%

FLOWLINE AND TOP OF CURB PROFILE - SOUTHWEST CORNER OF VOLTAIRE STREET AND WABASKA DRIVE
1" = 10' H
1" = 2' V

GENERAL NOTE

COUNTER SLOPE ELEVATION PROVIDED AT 4' OFFSET FROM FLOW LINE



0 5 10 FEET

C-4

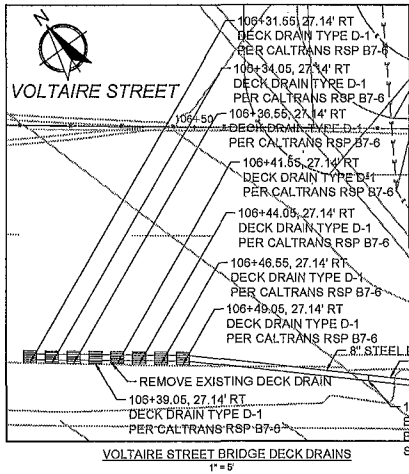
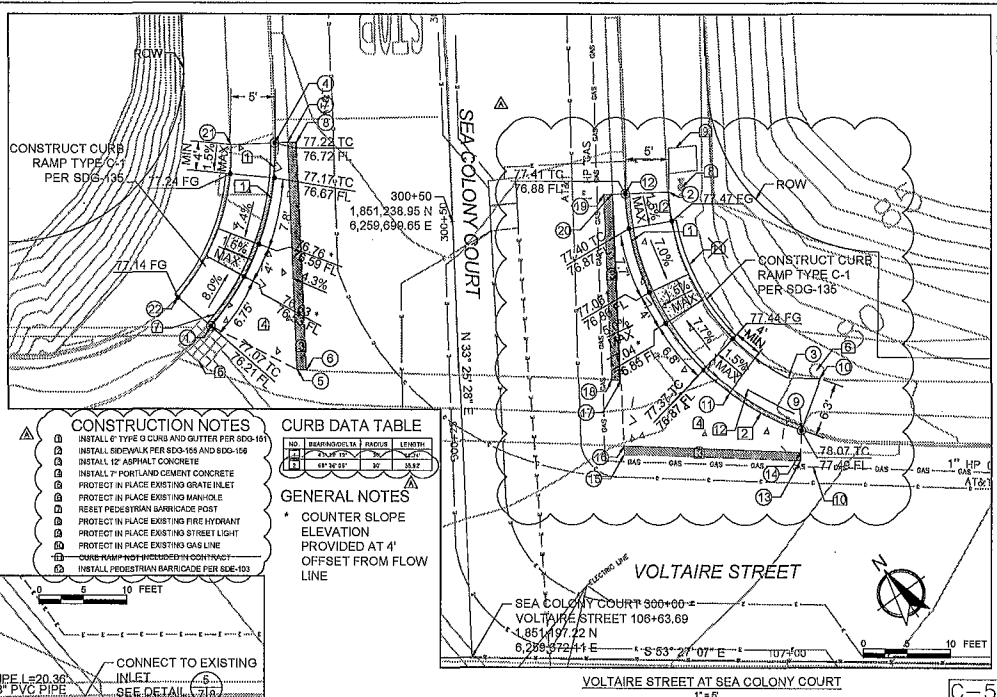
VOLTAIRE STREET BRIDGE REHABILITATION PROJECT SIDEWALK AND CURB RAMP DETAILS			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT		SHEET 416 OF 416 SHEETS	
DESIGNED BY	DATE	REVISED BY	DATE
CHECKED BY	DATE	APPROVED BY	DATE
PROJECT NO.	310000-1000000	PROJECT NAME	3084B-06-D
ADDENDUM A		DATE PLOTTED	8/21/17
DATE PRINTED		8/21/17	

▲ CLARIFIED PPB LOCATIONS

ADDENDUM A

CONSTRUCTION DATA TABLE

STATION	OFFSET	DESCRIPTION
300+43.69	-11.92	POINT ON CURVE BEGIN CURB RAMP MATCHLINE
300+49.20	26.00	POINT ON CURVE, BACK OF SIDEWALK MATCHLINE
300+49.41	37.90	BACK OF SIDEWALK MATCHLINE
300+49.83	-20.00	END CURVE, END CURB AND GUTTER MATCHLINE
300+49.83	-19.16	END ASPHALT CONCRETE, BEGIN PORTLAND CEMENT CONCRETE
300+49.79	-17.46	SAW CUT LINE
300+49.83	-19.69	END ASPHALT CONCRETE, BEGIN PORTLAND CEMENT CONCRETE
300+49.83	-17.69	SAW CUT LINE
300+49.27	21.01	BEGIN CURB RAMP
300+49.20	20.00	END CURVE, END CURB & GUTTER MATCHLINE, END CURB RAMP
300+49.81	26.78	SAW CUT LINE
300+49.81	30.02	END ASPHALT CONCRETE, BEGIN PORTLAND CEMENT CONCRETE
300+49.81	19.82	SAW CUT LINE
300+49.21	19.82	END ASPHALT CONCRETE, BEGIN PORTLAND CEMENT CONCRETE
300+49.21	19.82	SAW CUT LINE
300+49.21	19.82	END ASPHALT CONCRETE, BEGIN PORTLAND CEMENT CONCRETE
300+49.21	19.82	SAW CUT LINE
300+49.20	19.82	END ASPHALT CONCRETE, BEGIN PORTLAND CEMENT CONCRETE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE
300+49.83	-16.66	BACK OF SIDEWALK MATCHLINE



- ### CONSTRUCTION NOTES
- 1. INSTALL 6" TYPE 3 CURB AND GUTTER PER SDG-155
 - 2. INSTALL 12" ASPHALT CONCRETE
 - 3. INSTALL 7" PORTLAND CEMENT CONCRETE
 - 4. PROTECT IN PLACE EXISTING GRATE INLET
 - 5. PROTECT IN PLACE EXISTING MANHOLE
 - 6. RESET PEDESTRIAN BARRICADE POST
 - 7. PROTECT IN PLACE EXISTING FIRE HYDRANT
 - 8. PROTECT IN PLACE EXISTING STREET LIGHT
 - 9. PROTECT IN PLACE EXISTING GAS LINE
 - 10. CURB RAMP NOT INTERFERED BY CONTRACT
 - 11. INSTALL PEDESTRIAN BARRICADE PER SEE-103

CURB DATA TABLE

NO.	STATION	TYPE	WIDTH	LENGTH
1	300+49.20	C-1	4"	30'
2	300+49.20	C-1	4"	30'
3	300+49.20	C-1	4"	30'
4	300+49.20	C-1	4"	30'
5	300+49.20	C-1	4"	30'
6	300+49.20	C-1	4"	30'
7	300+49.20	C-1	4"	30'
8	300+49.20	C-1	4"	30'
9	300+49.20	C-1	4"	30'
10	300+49.20	C-1	4"	30'
11	300+49.20	C-1	4"	30'
12	300+49.20	C-1	4"	30'
13	300+49.20	C-1	4"	30'
14	300+49.20	C-1	4"	30'
15	300+49.20	C-1	4"	30'
16	300+49.20	C-1	4"	30'
17	300+49.20	C-1	4"	30'
18	300+49.20	C-1	4"	30'
19	300+49.20	C-1	4"	30'
20	300+49.20	C-1	4"	30'

- ### GENERAL NOTES
- 1. COUNTER SLOPE ELEVATION PROVIDED AT 4' OFFSET FROM FLOW LINE

VOLTAIRE STREET BRIDGE REHABILITATION PROJECT DECK DRAINS AND CURB RAMP DETAILS

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 44 OF 48 SHEETS

WBS_380870

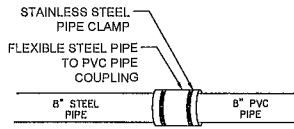
DATE: 05/23/21	BY: [Signature]	SCALE: AS SHOWN
PROJECT NUMBER: 380870	DATE: 05/23/21	SCALE: AS SHOWN
DESIGNER: [Signature]	DATE: 05/23/21	SCALE: AS SHOWN
APPROVED: [Signature]	DATE: 05/23/21	SCALE: AS SHOWN
ORIGINAL: [Signature]	DATE: 05/23/21	SCALE: AS SHOWN
ADDENDUM A: [Signature]	DATE: 05/23/21	SCALE: AS SHOWN

DATE PLOTTED: 05/23/21
PLOTTER: 380848-07-D

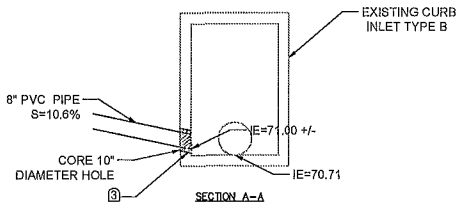
tw
TODOLINI WATKINS

OTC
ORIENTAL TRADING COMPANY

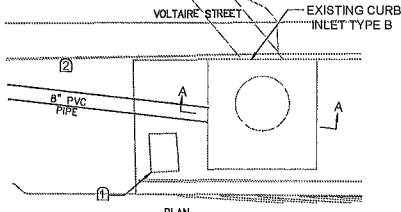
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
NO. 62023
EXPIRES 12/31/24



FLEXIBLE STEEL TO PVC COUPLING
NTS (5/718)



SECTION A-A

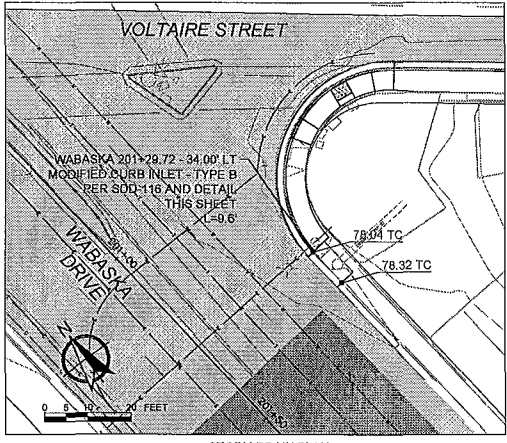


PLAN

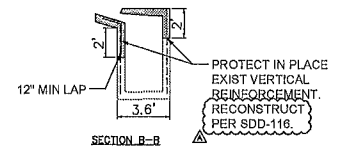
DECK DRAIN PIPE CONNECTION TO EXISTING STORM DRAIN INLET
NTS (6/718)

CONSTRUCTION NOTES

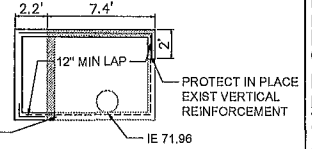
- ① PROTECT IN PLACE EXISTING PULL BOX AND CONDUCTORS
- ② RECONSTRUCT CURB, GUTTER AND SIDEWALK AS REQUIRED
- ③ PLACE MORTAR IN VOID FOLLOWING PIPE PLACEMENT



STORM DRAIN PLAN
1" = 10'

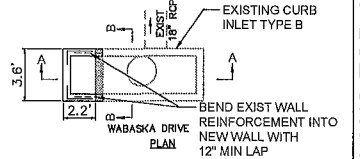


SECTION B-B



SECTION A-A

BEND EXIST WALL REINFORCEMENT INTO NEW FLOOR WITH 12" MIN LAP



WABASKA DRIVE PLAN

MODIFY EXISTING STORM DRAIN INLET DETAIL*
NTS

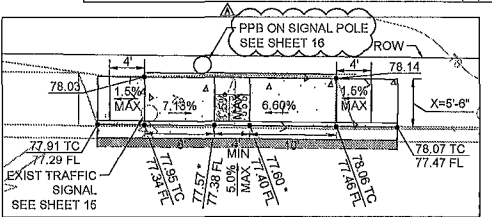
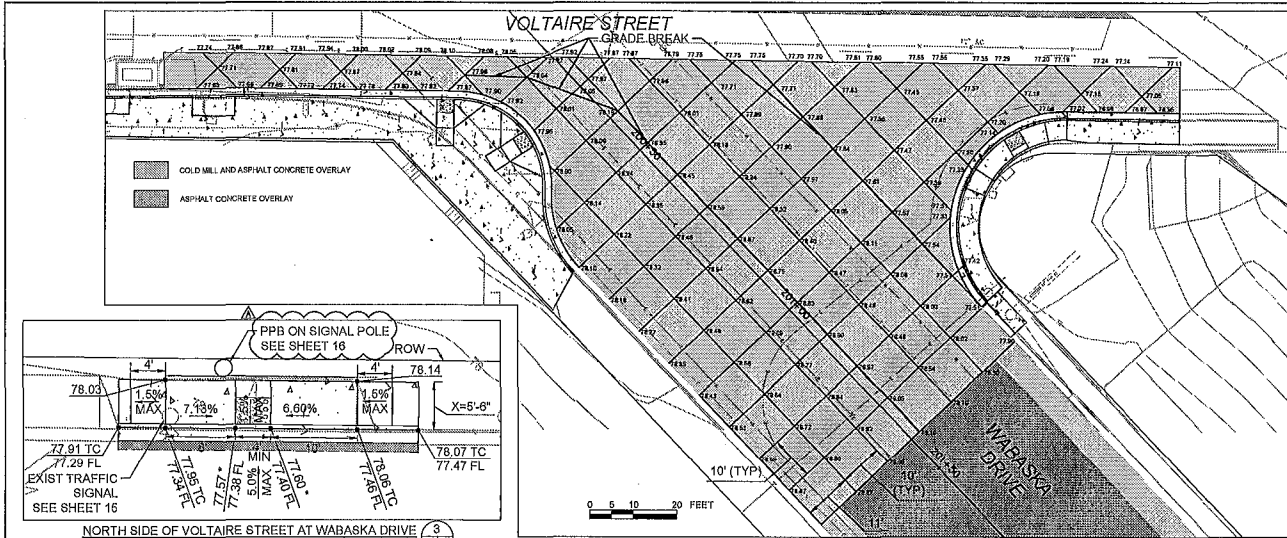
*NOTE: MODIFICATION TO EXISTING STORM DRAIN INLET TYPE B. NOT ALL REINFORCEMENT SHOWN FOR CLARITY. FOR NOTES, DETAILS COMPONENTS, AND REINFORCEMENT SEE SDD-116.

REMOVE PORTION OF EXIST INLET

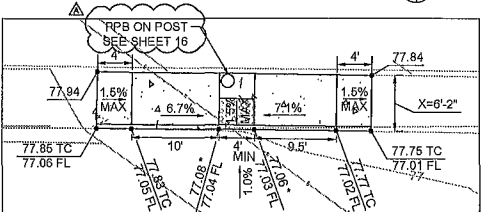
OPTIONAL CONSTRUCTION METHOD: DRILL AND BOND DOWEL NEW REINFORCEMENT INTO EXISTING CONCRETE INLET (MIN 5" EMBEDMENT).

VOLTAIRE STREET BRIDGE REHABILITATION PROJECT			
STORM DRAIN PLAN AND PROFILE			
CITY OF SAN DIEGO, CALIFORNIA		WBS _800820_	
PUBLIC WORKS DEPARTMENT		DATE: 05/27/17	
SHEET 6 OF 16 SHEETS		DATE: 05/27/17	
NO.	DATE	BY	REVISION
1	05/27/17	JK	ISSUE FOR PERMITS
2	05/27/17	JK	ISSUE FOR PERMITS
3	05/27/17	JK	ISSUE FOR PERMITS
4	05/27/17	JK	ISSUE FOR PERMITS
5	05/27/17	JK	ISSUE FOR PERMITS
6	05/27/17	JK	ISSUE FOR PERMITS
7	05/27/17	JK	ISSUE FOR PERMITS
8	05/27/17	JK	ISSUE FOR PERMITS
9	05/27/17	JK	ISSUE FOR PERMITS
10	05/27/17	JK	ISSUE FOR PERMITS
11	05/27/17	JK	ISSUE FOR PERMITS
12	05/27/17	JK	ISSUE FOR PERMITS
13	05/27/17	JK	ISSUE FOR PERMITS
14	05/27/17	JK	ISSUE FOR PERMITS
15	05/27/17	JK	ISSUE FOR PERMITS
16	05/27/17	JK	ISSUE FOR PERMITS
17	05/27/17	JK	ISSUE FOR PERMITS
18	05/27/17	JK	ISSUE FOR PERMITS
19	05/27/17	JK	ISSUE FOR PERMITS
20	05/27/17	JK	ISSUE FOR PERMITS
21	05/27/17	JK	ISSUE FOR PERMITS
22	05/27/17	JK	ISSUE FOR PERMITS
23	05/27/17	JK	ISSUE FOR PERMITS
24	05/27/17	JK	ISSUE FOR PERMITS
25	05/27/17	JK	ISSUE FOR PERMITS
26	05/27/17	JK	ISSUE FOR PERMITS
27	05/27/17	JK	ISSUE FOR PERMITS
28	05/27/17	JK	ISSUE FOR PERMITS
29	05/27/17	JK	ISSUE FOR PERMITS
30	05/27/17	JK	ISSUE FOR PERMITS
31	05/27/17	JK	ISSUE FOR PERMITS
32	05/27/17	JK	ISSUE FOR PERMITS
33	05/27/17	JK	ISSUE FOR PERMITS
34	05/27/17	JK	ISSUE FOR PERMITS
35	05/27/17	JK	ISSUE FOR PERMITS
36	05/27/17	JK	ISSUE FOR PERMITS
37	05/27/17	JK	ISSUE FOR PERMITS
38	05/27/17	JK	ISSUE FOR PERMITS
39	05/27/17	JK	ISSUE FOR PERMITS
40	05/27/17	JK	ISSUE FOR PERMITS
41	05/27/17	JK	ISSUE FOR PERMITS
42	05/27/17	JK	ISSUE FOR PERMITS
43	05/27/17	JK	ISSUE FOR PERMITS
44	05/27/17	JK	ISSUE FOR PERMITS
45	05/27/17	JK	ISSUE FOR PERMITS
46	05/27/17	JK	ISSUE FOR PERMITS
47	05/27/17	JK	ISSUE FOR PERMITS
48	05/27/17	JK	ISSUE FOR PERMITS
49	05/27/17	JK	ISSUE FOR PERMITS
50	05/27/17	JK	ISSUE FOR PERMITS
51	05/27/17	JK	ISSUE FOR PERMITS
52	05/27/17	JK	ISSUE FOR PERMITS
53	05/27/17	JK	ISSUE FOR PERMITS
54	05/27/17	JK	ISSUE FOR PERMITS
55	05/27/17	JK	ISSUE FOR PERMITS
56	05/27/17	JK	ISSUE FOR PERMITS
57	05/27/17	JK	ISSUE FOR PERMITS
58	05/27/17	JK	ISSUE FOR PERMITS
59	05/27/17	JK	ISSUE FOR PERMITS
60	05/27/17	JK	ISSUE FOR PERMITS
61	05/27/17	JK	ISSUE FOR PERMITS
62	05/27/17	JK	ISSUE FOR PERMITS
63	05/27/17	JK	ISSUE FOR PERMITS
64	05/27/17	JK	ISSUE FOR PERMITS
65	05/27/17	JK	ISSUE FOR PERMITS
66	05/27/17	JK	ISSUE FOR PERMITS
67	05/27/17	JK	ISSUE FOR PERMITS
68	05/27/17	JK	ISSUE FOR PERMITS
69	05/27/17	JK	ISSUE FOR PERMITS
70	05/27/17	JK	ISSUE FOR PERMITS
71	05/27/17	JK	ISSUE FOR PERMITS
72	05/27/17	JK	ISSUE FOR PERMITS
73	05/27/17	JK	ISSUE FOR PERMITS
74	05/27/17	JK	ISSUE FOR PERMITS
75	05/27/17	JK	ISSUE FOR PERMITS
76	05/27/17	JK	ISSUE FOR PERMITS
77	05/27/17	JK	ISSUE FOR PERMITS
78	05/27/17	JK	ISSUE FOR PERMITS
79	05/27/17	JK	ISSUE FOR PERMITS
80	05/27/17	JK	ISSUE FOR PERMITS
81	05/27/17	JK	ISSUE FOR PERMITS
82	05/27/17	JK	ISSUE FOR PERMITS
83	05/27/17	JK	ISSUE FOR PERMITS
84	05/27/17	JK	ISSUE FOR PERMITS
85	05/27/17	JK	ISSUE FOR PERMITS
86	05/27/17	JK	ISSUE FOR PERMITS
87	05/27/17	JK	ISSUE FOR PERMITS
88	05/27/17	JK	ISSUE FOR PERMITS
89	05/27/17	JK	ISSUE FOR PERMITS
90	05/27/17	JK	ISSUE FOR PERMITS
91	05/27/17	JK	ISSUE FOR PERMITS
92	05/27/17	JK	ISSUE FOR PERMITS
93	05/27/17	JK	ISSUE FOR PERMITS
94	05/27/17	JK	ISSUE FOR PERMITS
95	05/27/17	JK	ISSUE FOR PERMITS
96	05/27/17	JK	ISSUE FOR PERMITS
97	05/27/17	JK	ISSUE FOR PERMITS
98	05/27/17	JK	ISSUE FOR PERMITS
99	05/27/17	JK	ISSUE FOR PERMITS
100	05/27/17	JK	ISSUE FOR PERMITS

ADDENDUM A



NORTH SIDE OF VOLTAIRE STREET AT WABASKA DRIVE
1" = 6'



NORTH SIDE OF VOLTAIRE STREET OVERCROSSING
1" = 6'

INTERSECTION GRID DETAIL
1" = 10'

GENERAL NOTE
* COUNTER SLOPE ELEVATION PROVIDED AT 4' OFFSET FROM FLOW LINE

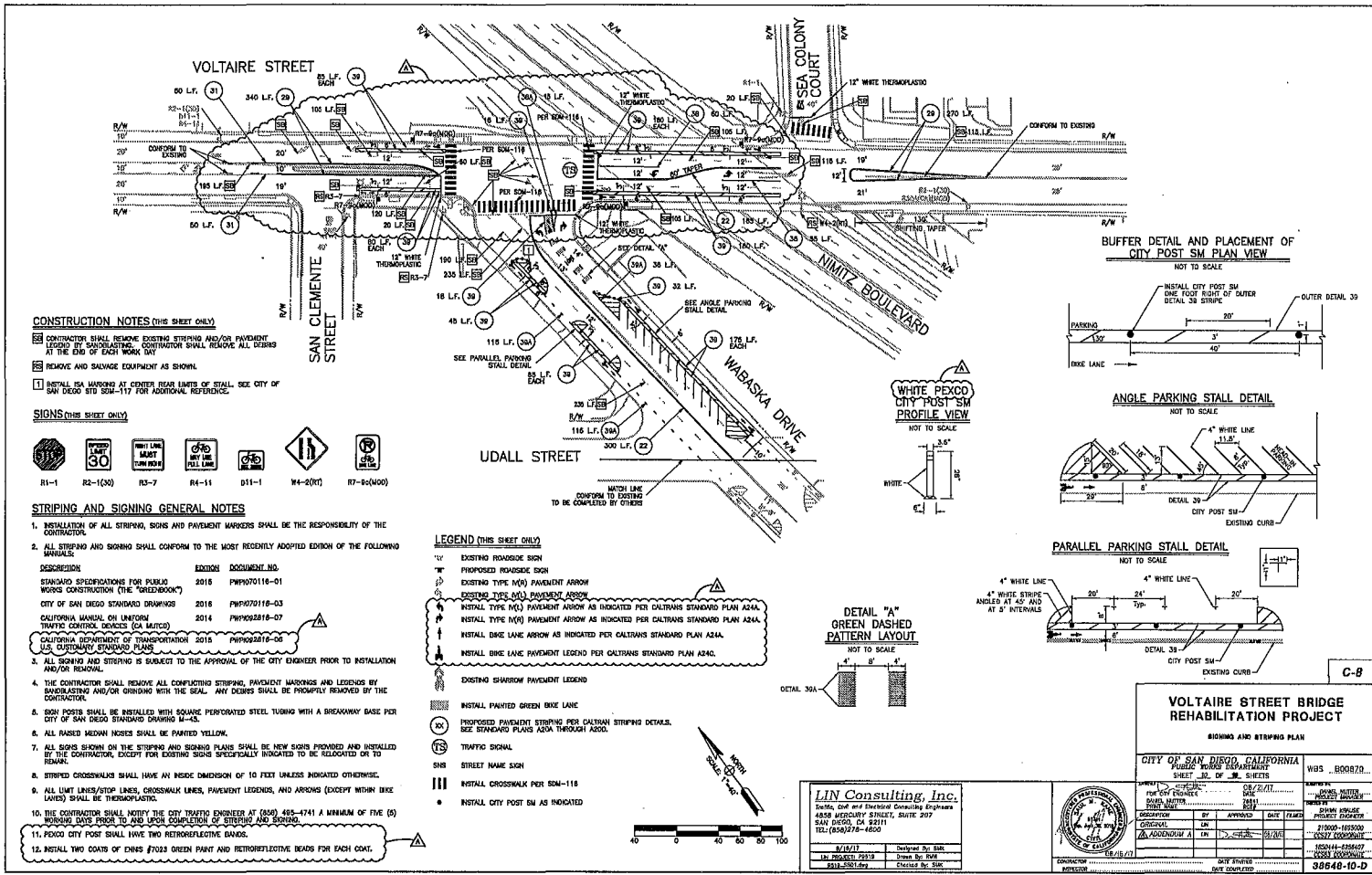
VOLTAIRE STREET BRIDGE REHABILITATION PROJECT CONSTRUCTION DETAILS	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS CONTRACT SHEET NO. OF 14 SHEETS	WBS_PROJECT WBS_DRAWING WBS_DATE WBS_REVISION
DATE: 03/23/17 BY: [Signature]	DATE: 03/23/17 BY: [Signature]
APPROVED: [Signature]	DATE: 03/23/17
PROJECT NO: 21000-100000	CONTRACT NO: 38648-DG-D

10000 PACIFIC
INTERCOMPLEX
SAN DIEGO, CA 92121
TEL: 619-594-9000
WWW.TOWERSPERRIN.COM

10000 PACIFIC
INTERCOMPLEX
SAN DIEGO, CA 92121
TEL: 619-594-9000
WWW.QICGROUP.COM

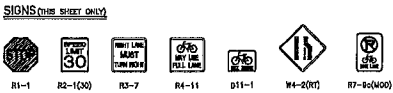
▲ = CLARIFIED PPB LOCATIONS

ADDENDUM A



CONSTRUCTION NOTES (THIS SHEET ONLY)

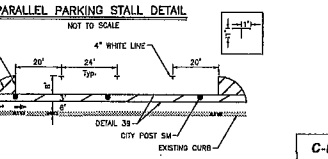
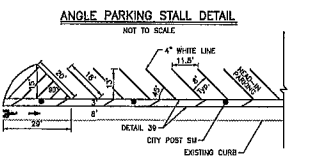
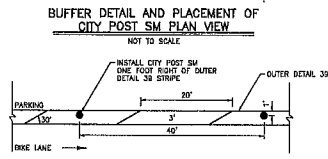
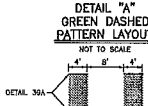
- CONTRACTOR SHALL REMOVE EXISTING STRIPING AND/OR PAVEMENT LEGEND BY SANDBLASTING. CONTRACTOR SHALL REMOVE ALL DEBRIS AT THE END OF EACH WORK DAY.
- REMOVE AND SALVAGE EQUIPMENT AS SHOWN.
- INSTALL TRAFFIC MARKING AT CENTER REAR LIMITS OF STALL. SEE CITY OF SAN DIEGO STD SEM-117 FOR ADDITIONAL REFERENCE.



- STRIPING AND SIGNING GENERAL NOTES**
- INSTALLATION OF ALL STRIPING, SIGNS AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL STRIPING AND SIGNING SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF THE FOLLOWING MANUALS:

DESCRIPTION	EDITION	DOCUMENT NO.
STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "REDBOOK")	2018	PHW070116-01
CITY OF SAN DIEGO STANDARD DRAWINGS	2018	PHW070116-03
CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)	2014	PHW022818-07
CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS	2015	PHW022818-06
 - ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
 - THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY SANDBLASTING AND/OR GRINDING WITH THE SEAL. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
 - SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE PER CITY OF SAN DIEGO STANDARD DRAWING M-43.
 - ALL PAVED MEDIAN NOSES SHALL BE PAINTED YELLOW.
 - ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN.
 - STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 10 FEET UNLESS INDICATED OTHERWISE.
 - ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKELANES) SHALL BE THERMOPLASTIC.
 - THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (619) 495-4741 A MINIMUM OF FIVE (5) BUSINESS DAYS PRIOR TO ANY COMPLETION OF STRIPING AND SIGNING.
 - POSSIBLE CITY POST SHALL HAVE TWO RETROREFLECTIVE BEADS.
 - INSTALL TWO COATS OF ENDS #2033 GREEN PAINT AND RETROREFLECTIVE BEADS FOR EACH COAT.

- LEGEND (THIS SHEET ONLY)**
- EXISTING ROUNDISH SIGN
 - PROPOSED ROUNDISH SIGN
 - EXISTING TYPE (M) PAVEMENT ARROW
 - EXISTING TYPE (M) PAVEMENT ARROW
 - INSTALL TYPE (M) PAVEMENT ARROW AS INDICATED PER CALTRANS STANDARD PLAN A244.
 - INSTALL TYPE (M) PAVEMENT ARROW AS INDICATED PER CALTRANS STANDARD PLAN A244.
 - INSTALL BIKE LANE ARROW AS INDICATED PER CALTRANS STANDARD PLAN A244.
 - INSTALL BIKE LANE PAVEMENT LEGEND PER CALTRANS STANDARD PLAN A244.
 - EXISTING SHALLOW PAVEMENT LEGEND
 - INSTALL PAINTED GREEN BIKE LANE
 - PROPOSED PAVEMENT STRIPING PER CALTRANS STRIPING DETAILS. SEE STANDARD PLANS A244 THROUGH A250.
 - TRAFFIC SIGNAL
 - STREET NAME SIGN
 - INSTALL CROSSWALK PER SEM-118
 - INSTALL CITY POST SM AS INDICATED



VOLTAIRE STREET BRIDGE REHABILITATION PROJECT

SIGNING AND STRIPING PLAN

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT

SHEET 22 OF 26 SHEETS

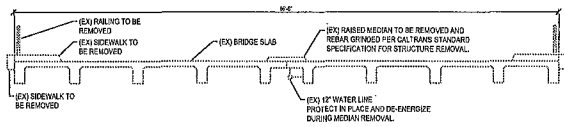
WBS 800879

DATE	BY	APPROVED	DATE	PROJECT NUMBER
08/18/17	71000-100000
08/18/17	10317-000000
08/18/17	10344-000000
08/18/17	10353-000000

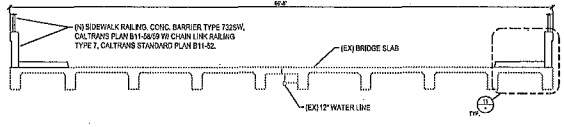
CONTRACTOR: DATE PRINTED: DATE COMPLETED: 98848-10-D

LIN Consulting, Inc.
 4826 MERCURY STREET, SUITE 207
 SAN DIEGO, CA 92111
 TEL: (619) 274-4800



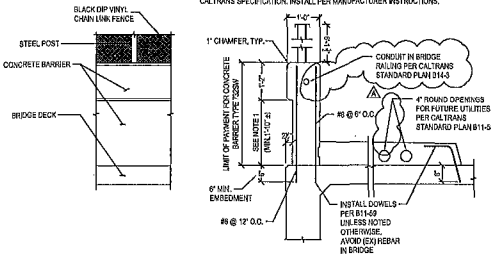


1 DEMO BRIDGE CROSS SECTION
S-2 SCALE: N/A

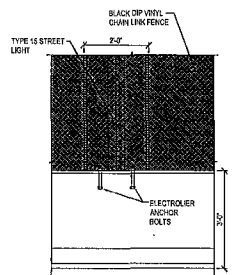


3 NEW BRIDGE CROSS SECTION
S-2 SCALE: N/A

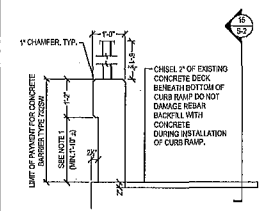
- NOTES:**
1. DIMENSIONS WILL VARY WITH CROSS SLOPE AND WITH CERTAIN THICKNESS OF SURFACING. SEE PROJECT PLANS.
 2. USE CALTRANS STANDARD PLAN B11-56/59 FOR TYPE 722SW BARRIER.
 3. USE CALTRANS STANDARD PLAN B11-56 FOR EXISTING LINK FENCE.
 4. INSTALL DOWELS PER CALTRANS SPECIFICATION FOR "WELL AND BOND" DOWELS (CHINA) OTHERWISE, THE PRODUCT SHOULD MEET THE REQUIREMENTS OF SECTION 6, "CONTROL OF MATERIALS", IN THE CALTRANS SPECIFICATION. INSTALL PER MANUFACTURER INSTRUCTIONS.



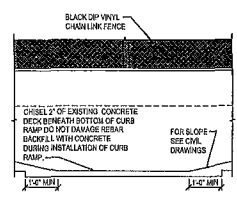
11 SIDEWALK AND RAILING DETAIL - TYPE 722SW
S-2 SCALE: 1/4\"/>



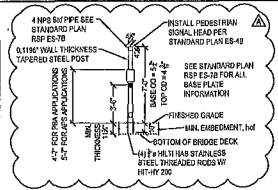
13 STREET LIGHT DETAIL ON RAIL
S-2 SCALE: N/A



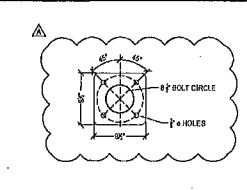
14 RAILING AND CURB RAMP DETAIL
S-2 SCALE: N/A



15 RAILING AND CURB RAMP DETAIL
S-2 SCALE: N/A



16 PEDESTRIAN PUSH BUTTON POLE DETAIL
S-2 SCALE: N/A



17 PEDESTRIAN PUSH BUTTON POLE DETAIL
S-2 SCALE: N/A

S-2

VOLTAIRE STREET BRIDGE REHABILITATION PROJECT
STRUCTURAL DETAILS

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 33 OF 35 SHEETS

DATE	05/29/11	WBS	806872
FOR CITY ENGINEER	DATE	BY	DATE
DESIGNED	BY	APPROVED	DATE
ORIGINAL	DATE	DATE	DATE
ADDENDUM A	DATE	DATE	DATE

DATE REVISION
08/25/11

DATE REVISION
08/25/11

38848 - 13 - D



MODIFY DETAIL 11
ADD DETAILS 16 & 17
ADDENDUM A

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD CHARTERS OF THE CITY OF SAN DIEGO.

STANDARD SPECIFICATIONS

DOCUMENT NO.	DESCRIPTION
PHW070119-01	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2015 EDITION
PHW070110-02	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WHITEBOOK), 2016 EDITION
PHW022818-04	CITYWIDE COMPUTER AIDED DESIGN AND DRAFTING (CAD) STANDARDS
PHW022818-07	CALIFORNIA DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 2014 EDITION
PHW022818-06	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SPECIFICATIONS, 2010 EDITION

STANDARD DRAWINGS

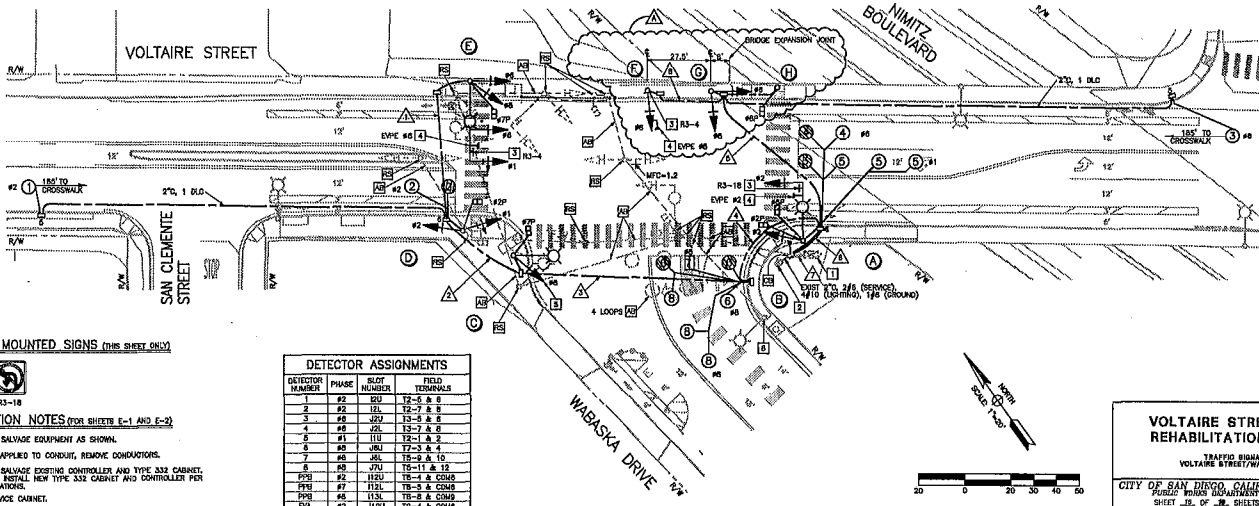
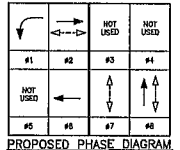
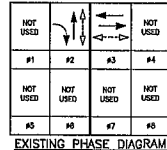
DOCUMENT NO.	DESCRIPTION
PHW070119-03	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION
PHW022818-08	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD PLANS, 2015 EDITION

SPECIAL NOTE

CONTRACTOR MUST VERIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION: UNDERGROUND SERVICE ALERT (USA) 1-800-422-4133

TRAFFIC SIGNAL GENERAL NOTES (FROM SHEETS E-1 AND E-2)

- PULL BOXES SHALL BE NO. 6, AND CONDUIT 3" UNLESS NOTED OTHERWISE.
- LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE.
- THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PLAN PERMIT FROM THE CITY OF SAN DIEGO PERMIT CENTER CENTER A MINIMUM OF FIVE (5) WORKING DAYS FROM THE DATE OF WORK.
- ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT PULL BOX AND THE CONTROLLER FOUNDATION SHALL HAVE A SPACE 3" CONDUIT INSTALLED TO THE ADJACENT NO. 6 PULL BOX FOR FUTURE USE.
- THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF LOOP DETECTORS, TRAFFIC STRIPS, PAVEMENT MARKINGS, PARKING SIGNAGE, AND TRAFFIC SIGNAGE (OCCUPY YOUR SPACE STREET NAME SIGNS) AS SHOWN ON THESE PLANS.
- THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN THE APPROVAL OF CITY REGIONAL ENGINEER OF THE LOOP LOCATIONS PRIOR TO CUTTING AND THE STOPPING, PAVEMENT MARKING, PARKING SIGNAGE, AND SIGN LOCATIONS PRIOR TO PAINTING AND INSTALLATION.
- AFTER APPROVAL OF LOCATION, THE TRAFFIC SIGNAL CONTRACTOR SHALL WAIT A MINIMUM OF FIFTEEN (15) WORKING DAYS BEFORE PERMANENTLY REMOVING ANY PAVING OR DATA (ADVANCE NOTICE TO ADJACENT PROPERTY OWNERS CAN BE MADE BY THE CITY).
- THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL UNNECESSARY AND CONFLICTING STRIPING AND PAVEMENT MARKINGS.
- THE TRAFFIC SIGNAL CONTRACTOR SHALL NOT ERECT ANY SIGNAL STANDARDS MORE THAN THREE (3) FEET PRIOR TO SCHEDULED TRAFFIC SIGNAL TURN ON.
- CONTRACTOR SHALL PROVIDE ALL CABLES AND CONDUITS NECESSARY TO PERFORM ALL FUNCTIONS SHOWN ON THESE PLANS.
- ALL POLES, CONDUIT, PULL BOXES, STRIPING AND LOOP DETECTOR LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DETERMINED BY FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND AS DIRECTED BY THE CITY OF SAN DIEGO.
- NOTES AND LOCATIONS OF UNDERGROUND ELECTRICAL SYSTEM IS OBTAINABLE AND SUBJECT TO APPROVAL OF THE ENGINEER. UNDERGROUND ELECTRICAL LINES AND SUBMERGENCE STRUCTURES MAY BE RELOCATED IF NECESSARY TO CLEAR OTHER EXISTING UNDERGROUND FACILITIES.
- ALL TREES AND SHRUBS SHALL BE TRIMMED OR REMOVED AS DETERMINED BY THE CITY REGIONAL ENGINEER AS REQUIRED TO MAINTAIN SIGNAL HEAD VISIBILITY AND SIGHT DISTANCE.
- ALL VEHICLE SIGNAL HEADS SHALL BE 12" WITH BACKPLATES.
- ALL SIGNAL AND PEDESTRIAN INDICATORS SHALL BE L.E.D. AND HAVE ADA COVERS ON ALL PEDESTRIAN PUSH BUTTON DECKS.
- PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS SHALL BE INTERSECTION SYMBOLS. PEDESTRIAN SIGNALS SHALL BE 10"x18" L.E.D. COUNTDOWN INDICATORS. PEDESTRIAN PUSH BUTTONS SHALL BE 2" FOR ADA REQUIREMENTS.
- ALL LOOPS TO BE TYPE "M" AS SHOWN ON THIS PLAN. LOOP DETECTORS SHALL BE 8" DIAMETER WITH 10" SPACING AND POSITIONED IN CENTER OF LANE UNLESS OTHERWISE SHOWN. SEE CALIFORNIA STANDARD PLAN SHEET CS-20, FOR DETECTOR LEGEND AND DETAILS. FRONT LOOPS SHALL BE MARKED TYPE "L" LOOPS PER 506-104.



MAST ARM MOUNTED SIGNS (THIS SHEET ONLY)



CONSTRUCTION NOTES (FROM SHEETS E-1 AND E-2)

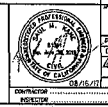
- REMOVE AND SALVAGE EQUIPMENT AS SHOWN.
- ABANDON, IF APPLIED TO CONCRETE, REMOVE CONDUITS.
- REMOVE AND SALVAGE EXISTING CONTROLLER AND TYPE 332 CABINET. FURNISH AND INSTALL NEW TYPE 332 CABINET AND CONTROLLER PER CITY SPECIFICATIONS.
- EXISTING SERVICE CABINET.
- INSTALL MAST ARM MOUNTED SIGN PER DETAIL "J", STANDARD PLAN ES-76. SIGN TYPE AS NOTED ON PLAN.
- INSTALL SINGLE CHANNEL EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT. MOUNTING HARDWARE AND CABLE SHALL BE FURNISHED BY CONTRACTOR. SEE DETAIL "K" ON SHEET E-2.
- MOUNT SIGNAL HEAD AT HEIGHT OF 17 FEET.
- LUMINAIRE TO BE RELOCATED. SEE SHEET E-3 FOR DETAILS.

DETECTOR ASSIGNMENTS			
DETECTOR NUMBER	PHASE	SLOT NUMBER	FIELD TERMINAL
1	#2	RSU	TS-5 & 8
2	#3	TSU	TS-7 & 9
3	#4	JSU	TS-1 & 6
4	#5	JSU	TS-2 & 7
5	#1	TSU	TS-3 & 4
6	#6	JSU	TS-3 & 4
7	#6	JSU	TS-11 & 12
8	#2	HSU	TS-4 & 5
9	#7	HSU	TS-5 & 6
10	#8	HSU	TS-8 & 9
11	#9	JSU	TS-4 & 5
12	#10	HSU	TS-5 & 6
13	#11	JSU	TS-8 & 9
14	#12	JSU	TS-11 & 12
15	#13	JSU	TS-1 & 6
16	#14	JSU	TS-2 & 7
17	#15	JSU	TS-3 & 4
18	#16	JSU	TS-3 & 4
19	#17	JSU	TS-11 & 12
20	#18	JSU	TS-11 & 12

DESIGN SPEED ON VOLTAIRE STREET = 35 MPH
 DESIGN SPEED ON WABASKA DRIVE = 35 MPH
 THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY

LIN Consulting, Inc.
 4828 METCALVE STREET, SUITE 207
 SAN DIEGO, CA 92111
 TEL: (619) 272-4600

DATE: 08/17/17
 PROJECT: P313
 SHEET: 313-01



VOLTAIRE STREET BRIDGE REHABILITATION PROJECT
 TRAFFIC SIGNAL PLAN
 VOLTAIRE STREET/WABASKA DRIVE

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 SHEET 313 OF 38 SHEETS

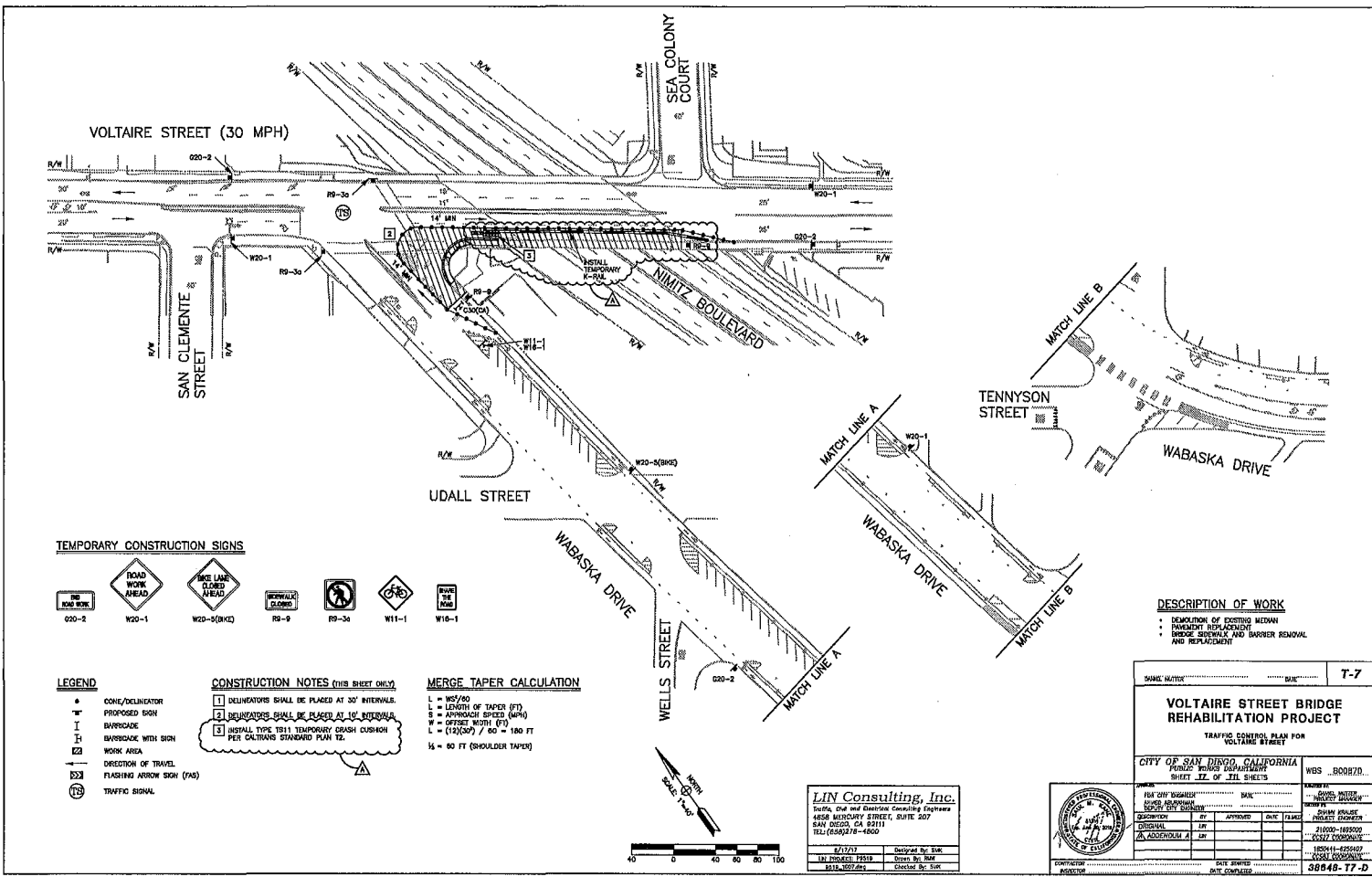
WBS: 800670

DATE: 08/17/17

DESIGNED BY: [Name]
 CHECKED BY: [Name]
 DATE: 08/17/17

August 23, 2017
 Voltaire Street Bridge over San Clemente Bridge Rehabilitation

ADDENDUM A



TEMPORARY CONSTRUCTION SIGNS



LEGEND

- CONE/DELINEATOR
- ▬ PROPOSED SIGN
- I BARRICADE
- ▭ BARRICADE WITH SIGN
- ▭ WORK AREA
- DIRECTION OF TRAVEL
- ⬇ FLASHING ARROW SIGN (FAS)
- Ⓢ TRAFFIC SIGNAL

CONSTRUCTION NOTES (THIS SHEET ONLY)

- 1 DELINEATORS SHALL BE PLACED AT 30' INTERVALS.
- 2 DELINEATORS SHALL BE PLACED AT 10' INTERVALS.
- 3 INSTALL TYPE 1811 TEMPORARY CRASH CUSHION PER CALTRANS STANDARD PLAN 12.

MERGE TAPER CALCULATION

$L = 195 / 90$
 $L =$ LENGTH OF TAPER (FT)
 $S =$ APPROACH SPEED (MPH)
 $S =$ OFFICE SPEED (FT)
 $L = 110(30) / 90 = 100$ FT
 $1/2 = 60$ FT (SHOULDER TAPER)

DESCRIPTION OF WORK

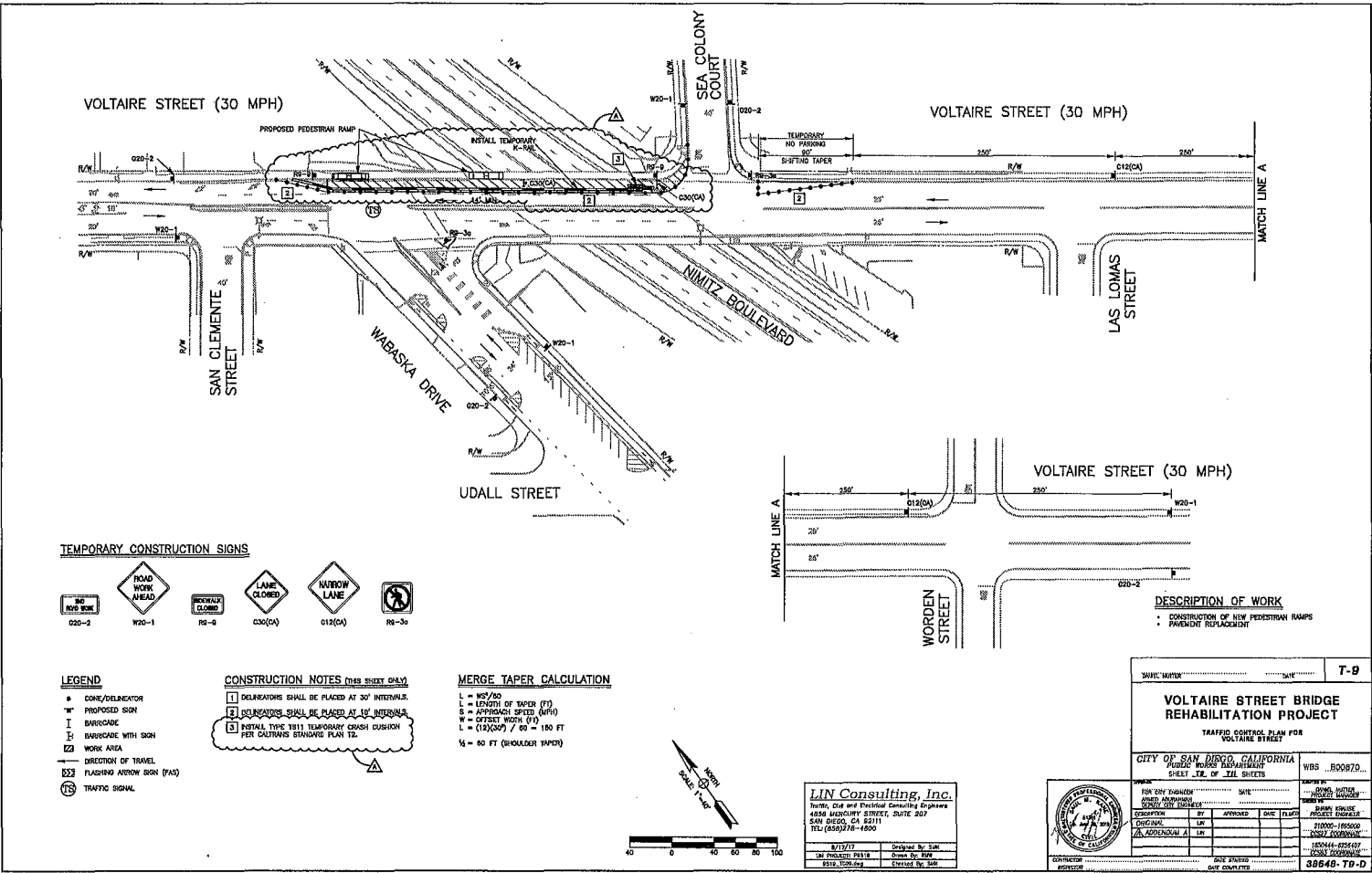
- DEMOLITION OF EXISTING MEDIAN
- PAVEMENT REPLACEMENT
- BRIDGE DECK AND BARRIER REMOVAL AND REPLACEMENT

SHEET NUMBER		T-7
VOLTAIRE STREET BRIDGE REHABILITATION PROJECT		
TRAFFIC CONTROL PLAN FOR VOLTAIRE STREET		
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 17 OF 17 SHEETS		WBS - 800872-D
DATE	BY	REVISION
02/17/17	DAVID P. RAY	1. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	2. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	3. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	4. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	5. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	6. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	7. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	8. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	9. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	10. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	11. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	12. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	13. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	14. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	15. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	16. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	17. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	18. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	19. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	20. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	21. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	22. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	23. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	24. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	25. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	26. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	27. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	28. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	29. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	30. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	31. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	32. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	33. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	34. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	35. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	36. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	37. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	38. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	39. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	40. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	41. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	42. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	43. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	44. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	45. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	46. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	47. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	48. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	49. REVISED PER COMMENTS
02/17/17	DAVID P. RAY	50. REVISED PER COMMENTS

LIN Consulting, Inc.
 Civil, Electrical and Mechanical Engineering
 4858 MERCURY STREET, SUITE 207
 SAN DIEGO, CA 92118
 TEL: (619) 216-4600

02/17/17 Designed by: DPR
 12/12/2016 Checked by: DPR
 02/17/17 Checked by: DPR





TEMPORARY CONSTRUCTION SIGNS



LEGEND

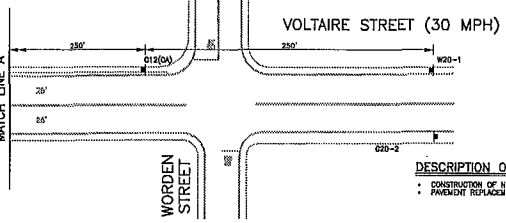
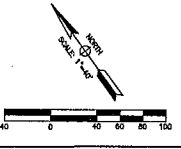
- CONE/DELIMITER
- ~ PROPOSED SIGN
- I BARRICADE
- I BARRICADE WITH SIGN
- WORK AREA
- DIRECTION OF TRAVEL
- ⚡ FLASHING ARROW SIGN (FAS)
- Ⓢ TRAFFIC SIGNAL

CONSTRUCTION NOTES (THIS SHEET ONLY)

- 1 DELIMITERS SHALL BE PLACED AT 30' INTERVALS.
- 2 DELIMITERS SHALL BE PLACED AT 10' INTERVALS.
- 3 INSTALL TYPE 1811 TEMPORARY CRUSH CUSHION PER CALTRANS STANDARD PLAN T2.

MERGE TAPER CALCULATION

$L = W^2/20$
 $L =$ LENGTH OF TAPER (FT)
 $W =$ APPROACH SPEED (MPH)
 $V =$ OFFSET WIDTH (FT)
 $L = (10000) / 20 = 500$ FT
 $1/2 = 80$ FT (@SHOULDER TAPER)



DESCRIPTION OF WORK

- CONSTRUCTION OF NEW PEDESTRIAN RAMPS
- REPAIR/REPLACE

LIN Consulting, Inc.
 Traffic, Civil and Electrical Consulting Engineers
 4850 LAUREL STREET, SUITE 207
 SAN DIEGO, CA 92111
 TEL: (619) 774-6900

DATE: 8/17/17	Checked By: LHM
DATE: 8/17/17	Drawn By: RBE
DATE: 8/17/17	Checked By: RBE



DATE: 8/17/17	DATE: 8/17/17	T-9
VOLTAIRE STREET BRIDGE REHABILITATION PROJECT		
TRAFFIC CONTROL PLAN FOR VOLTAIRE STREET		
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 17 OF 218 SHEETS	WBS: B00870	
DATE: 8/17/17	DATE: 8/17/17	DATE: 8/17/17
DESIGNED BY: LHM	APPROVED BY: RBE	DATE: 8/17/17
CHECKED BY: RBE	DATE: 8/17/17	
CONTRACTOR: 38848-TD-D	DATE: 8/17/17	

August 23, 2017
 Voltaire Street Bridge over Nimitz Blvd Bridge Rehabilitation

Bid Results

Bidder Details

Vendor Name Hazard Construction Company
Address 6465 Marindustry Drive
 San Diego, CA 92121
 United States
Responsee Kurt Hindman
Responsee Title Vice President
Phone 858-200-3660 Ext.
Email khindman@hazardcon.com
Vendor Type CAU,MALE,PQUAL,CADIR,Local
License # 750542
CADIR 1000022121

Bid Detail

Bid Format Electronic
Submitted September 5, 2017 1:50:56 PM (Pacific)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 115110
Ranking 0

Responsee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
Cert of Pending Actions	Cert of Pending Actions.pdf	Contractor's Certification of Pending Actions
Bid Bond	Bid Bond.pdf	Bid Bond

Line Items

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment	Reference
Main Bid							
1	Bonds (Payment and Performance)						
	524126	LS	1	\$20,000.00	\$20,000.00		2-4.1
2	Traffic Control						
	237310	LS	1	\$137,000.00	\$137,000.00		601-6
3	WPCP Development						
	541330	LS	1	\$2,500.00	\$2,500.00		7-8.6.4.2
4	WPCP Implementation						
	237990	LS	1	\$30,000.00	\$30,000.00		7-8.6.4.2
5	Mobilization						
	237310	LS	1	\$130,000.00	\$130,000.00		9-3.4.1

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment	Reference
6	Field Orders (EOC Type II)						
		AL	1	\$65,000.00	\$65,000.00		9-3.5
7	Clearing and Grubbing						
	238910	LS	1	\$130,000.00	\$130,000.00		300-1.4
8	Adjust Pull Box						
	237310	EA	2	\$260.00	\$520.00		301-1.7
9	Traffic Signal Loop and Appurtenance Replacement (Type D)						
	237310	EA	5	\$415.00	\$2,075.00		302-1.12
10	Traffic Signal Loop and Appurtenance Replacement (Type E)						
	237310	EA	11	\$415.00	\$4,565.00		302-1.12
11	Traffic Signal Loop and Appurtenance Replacement (Bicycle Loop Detector 4x6, Type Q)						
	237310	EA	1	\$415.00	\$415.00		302-1.12
12	Asphalt Concrete Overlay						
	237310	TON	318	\$150.00	\$47,700.00		302-5.9
13	Miscellaneous Concrete						
	238910	CY	2	\$1,076.00	\$2,152.00		302-6.8
14	Curb Inlet (Type B, Modify) L=9.6'						
	237110	EA	1	\$8,065.00	\$8,065.00		303-1.11
15	Remove and Replace Existing Sidewalk (along barrier)						
	237310	CY	81.2	\$1,400.00	\$113,680.00		303-5.9
16	Curb and Gutter Type G (6 Inch Curb)						
	237310	LF	77	\$66.00	\$5,082.00		303-5.9
17	Curb and Gutter Type G (8 Inch Curb)						
	237310	LF	78	\$69.00	\$5,382.00		303-5.9
18	Curb Ramp (Type A) with Detectable Warning Tiles						
	237310	EA	2	\$4,327.00	\$8,654.00		303-5.10.2
19	Curb Ramp (Type C1) with Detectable Warning Tiles						
	237310	EA	4	\$7,118.00	\$28,472.00		303-5.10.2
20	Curb Ramp (Type C1) with Detectable Warning Tiles (Bridge Deck)						
	237310	EA	1	\$9,186.00	\$9,186.00		303-5.10.2
21	Additional Concrete Sidewalk						
	237310	SF	1578	\$18.00	\$28,404.00		303-5.10.2

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment	Reference
22	Chain Link Fence (Black Vinyl)						
	238990	LF	507	\$110.00	\$55,770.00		80-3
23	Thermoplastic Pavement Markings						
	237310	SF	1050	\$3.00	\$3,150.00		314-4.4.6
24	Removal of Pavement Markings						
	237310	SF	200	\$3.00	\$600.00		314-2.3
25	Painted Traffic Stripes						
	237310	LF	6400	\$1.00	\$6,400.00		314-4.3.7
26	Continental Crosswalk						
	237310	SF	800	\$3.00	\$2,400.00		314-4.4.6
27	Removal of Traffic Striping and Curb Markings						
	237310	LF	1900	\$3.00	\$5,700.00		314-2.3
28	Traffic Signal						
	238210	LS	1	\$115,000.00	\$115,000.00		701-2
29	Street Lighting						
	238210	LS	1	\$15,000.00	\$15,000.00		701-2
30	Remove and Salvage Traffic Signs						
	238210	EA	3	\$129.00	\$387.00		701-2
31	Install Traffic Sign on Post						
	238210	EA	4	\$284.00	\$1,136.00		701-2
32	Pedestrian Barricade						
	237310	EA	1	\$517.00	\$517.00		701-2
33	Cold Mill AC Pavement (1-1/2" to 3")						
	237310	SF	11300	\$1.00	\$11,300.00		302-1.12
34	Repairing Spalled Surface Areas						
	237310	SF	518.5	\$98.00	\$50,813.00		60-3.05B(4)
35	Grind Existing Bridge Deck						
	237310	SF	8800	\$1.20	\$10,560.00		42-3.04
36	Refinish Bridge Deck						
	237310	SF	8800	\$3.00	\$26,400.00		60-4.02D
37	Clean Expansion Joint						
	237310	LF	235	\$23.00	\$5,405.00		51-2

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment	Reference
38	Replace Expansion Joint Filler 237310	LF	235	\$26.00	\$6,110.00		51-2
39	Barrier - Type 732SW 237310	LF	507	\$170.00	\$86,190.00		83-3.04
40	Demolish Existing Barrier 238910	LF	507	\$40.00	\$20,280.00		9-3.1
41	Deck Drainage System 238910	LS	1	\$60,000.00	\$60,000.00		304-1.12.4
42	8" PS6 x 0.135" Steel Pipe 237110	LF	40	\$60.00	\$2,400.00		306-15.1
43	8" SDR-35 PVC Pipe 237110	LF	14	\$294.00	\$4,116.00		306-15.1
44	Core Concrete Abutment 237310	LS	1	\$10,863.00	\$10,863.00		9-3.1
45	Pedestrian Push Button 237310	EA	2	\$1,800.00	\$3,600.00		701-2
46	Drill and Bond Dowel 237310	LS	1	\$85,000.00	\$85,000.00		9-3.1
					Subtotal	\$1,367,949.00	
					Total	\$1,367,949.00	

Subcontractors

Name & Address	Description	License Num	CADIR	Amount	Type
Perry Electric P.O. Box 710310 Santee, CA 92072 United States	Electrical/Lighting	747931	1000012332	\$138,900.00	
Anton's Service, Inc. 8865 Winter Gardens Blvd Lakeside, CA 92040 United States	Removal of bridge sidewalk, railing, and edge concrete	861069	1000002533	\$81,171.00	CAU,MALE,SDB,SLB E
Ferreira Construction Co. Inc. 15188 Vista Del Rio Avenue Chino, CA 91710 United States	Chain Link Fence (Black Vinyl Type 7)	985180	1000001634	\$52,728.00	LAT,MALE,MBE,CAD IR,PQUAL
Concrete Constructors, Inc. 13240 Evening Creek Drive #313 San Diego, CA 92128 United States	Concrete Flatwork	969781	1000008633	\$73,514.00	
TRUESDELL CORPORATION OF CALIFORNIA, INC. 1310 W 23rd St Tempe, AZ 85282 United States	Bridge Deck Repair/Re-finish, clean/replace expansion joint	615058	1000007625	\$109,109.00	
Tyler Reinforcing Steel 3435 Carveacre Rd. Alpine, CA 91901 United States	Bar Reinforcing Steel	1026581	1000051459	\$33,780.00	

Bid Results

Name & Address	Description	License Num	CADIR	Amount	Type
ACL Construction Co., Inc 207 W. State St. Ontario, CA 91762 United States	Concrete Barrier and Sidewalk (partial)	468840	1000008098	\$80,445.00	
Acme Safety & Supply Corp. 1616 West Ave., San Diego, CA, 91950 San Diego, CA 91950 United States	Traffic Control	791667	1000007958	\$45,000.00	DBE,SDB,SLBE,WO SB
Solid Structures, Inc. P.O.Box 848 La Mesa, CA 91944 United States	Curb Inlet	758791	1000015100	\$8,550.00	ELBE
Statewide Stripes, Inc. PO BOX 600710 San Diego, CA 92160 United States	Striping/Signing	788286	1000001334	\$22,500.00	