



**ENGINEER OF WORK**

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

  
For City Engineer

2/20/2020  
Date

Seal:



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## REQUIRED DOCUMENTS SCHEDULE DURING BIDDING AND AWARDING

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

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

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

<b>ITEM</b>	<b>DOCUMENT TO BE SUBMITTED</b>	<b>WHEN DUE</b>	<b>FROM</b>
1.	Bid Bond (PDF via PlanetBids)	At Time of Bid	ALL BIDDERS
2.	Contractors Certification of Pending Actions	At Time of Bid	ALL BIDDERS
3.	Mandatory Disclosure of Business Interests	At Time of Bid	ALL BIDDERS
4.	Debarment and Suspension Certification	At Time of Bid	ALL BIDDERS
5.	Bid Bond (Original)	By 5 PM Next Business Day After Bid Opening	5 APPARENT LOW BIDDERS
6.	SLBE Good Faith Effort Documentation	Within 3 working days of bid opening	ALL BIDDERS
7.	Form AA60 – List of Work Made Available	Within 3 working days of bid opening with Good Faith Effort (GFE) documentation	ALL BIDDERS
8.	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> <li>• Joint Venture Agreement</li> <li>• Joint Venture License</li> </ul>	Within 10 working days of receipt by bidder of contract forms	APPARENT LOW BIDDER
9.	Payment & Performance Bond; Certificates of Insurance & Endorsements; and Signed Contract Agreement Page	Within 10 working days of receipt by bidder of contract forms and NOI	APPARENT LOW BIDDER
10.	Listing of "Other Than First Tier" Subcontractors	Within 10 working days of receipt by bidder of contract forms	APPARENT LOW BIDDER

## NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Downtown Complete Streets Implementation Phase 2B**. For additional information refer to Attachment A.
2. **FULL AND OPEN COMPETITION:** This solicitation is subject to full and open competition and may be bid by Contractors on the City's approved Prequalified Contractors List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$ 2,491,000.00**.
4. **BID DUE DATE AND TIME ARE: March 25, 2020 at 2:00 PM.**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** To be eligible for award of this contract, Prime contractor must possess the following licensing classification: **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	<b>12.3%</b>
2. ELBE participation	<b>12.8%</b>
3. Total mandatory participation	<b>25.1%</b>
  - 7.2. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
    - 7.2.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR
    - 7.2.2. Submit Good Faith Effort (GFE) documentation, saved in searchable Portable Document Format (PDF) and stored on a Universal Serial Bus (USB) Type-A, 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.

GFE shall be submitted to:  
Public Works Contracts  
525 B Street, Suite 750 (7th Floor)  
San Diego, California, 92101

Attention: Ron McMinn

**8. AWARD PROCESS:**

- 8.1. 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.
- 8.2. Upon acceptance of bids and determination of the apparent low bidder, the City will prepare the contract documents for execution within approximately 21 days of the date of the bid opening. The City will then award the contract upon receipt of properly signed Contract, bonds, and insurance documents.
- 8.3. 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 by the City Attorney's Office.
- 8.4. The low Bid will be determined by the Base Bid.
- 8.5. Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base Bid alone.

**9. SUBMISSION OF QUESTIONS:**

- 9.1. 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  
525 B Street, Suite 750 (7<sup>th</sup> Floor)  
San Diego, California, 92101  
Attention: Ron McMinn

OR:

[RMcMinn@sandiego.gov](mailto:RMcMinn@sandiego.gov)

- 9.2. Questions received less than 14 days prior to the date for opening of Bids may not be considered.

- 9.3.** 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.
- 9.4.** 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.
- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening.
- 1.3. **Joint Venture Bidders Cumulative Maximum Bidding Capacity:** For projects with an engineer's estimate of \$30,000,000 or greater, Joint Ventures submitting bids may be deemed responsive and eligible for award if the cumulative maximum bidding capacity of the individual Joint Venture entities is equal to or greater than the total amount proposed.
  - 1.3.1. Each of the entities of the Joint Venture must have been previously prequalified at a minimum of \$15,000,000.
  - 1.3.2. Bids submitted with a total amount proposed of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification. To be eligible for award in this scenario, the Joint Venture itself or at least one of the Joint Venture entities must have been prequalified for the total amount proposed.
  - 1.3.3. Bids submitted by Joint Ventures with a total amount proposed of \$30,000,000 or greater on a project with an engineer's estimate of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification.
  - 1.3.4. The Joint Venture designated as the Apparent Low Bidder shall provide evidence of its corporate existence and furnish good and approved bonds in the name of the Joint Venture within 14 Calendar Days of receipt by the Bidder of a form of contract for execution.
- 1.4. Complete information and links to the on-line prequalification application are available at:  
  
<http://www.sandiego.gov/cip/bidopps/prequalification>
- 1.5. 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 who 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 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>

**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 14 Calendar Days after receiving the Contract forms.

**7. INSURANCE REQUIREMENTS:**

**7.1.** 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.

**7.2.** Refer to sections 5-4, "INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

**8. 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") <a href="http://www.greenbookspecs.org/">http://www.greenbookspecs.org/</a>	2018	PWPI010119-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* <a href="https://www.sandiego.gov/publicworks/edocref/greenbook">https://www.sandiego.gov/publicworks/edocref/greenbook</a>	2018	PWPI010119-02
City of San Diego Standard Drawings* <a href="https://www.sandiego.gov/publicworks/edocref/standarddraw">https://www.sandiego.gov/publicworks/edocref/standarddraw</a>	2018	PWPI010119-03
Citywide Computer Aided Design and Drafting (CADD) Standards <a href="https://www.sandiego.gov/publicworks/edocref/drawings">https://www.sandiego.gov/publicworks/edocref/drawings</a>	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications <a href="http://www.dot.ca.gov/des/oe/construction-contract-standards.html">http://www.dot.ca.gov/des/oe/construction-contract-standards.html</a>	2018	PWPI030119-05

Title	Edition	Document Number
CALTRANS Standard Plans <a href="http://www.dot.ca.gov/des/oe/construction-contract-standards.html">http://www.dot.ca.gov/des/oe/construction-contract-standards.html</a>	2018	PWPI030119-06
California Manual on Uniform Traffic Control Devices Revision 4 (CA MUTCD Rev 4) <a href="http://www.dot.ca.gov/trafficops/camutcd/">http://www.dot.ca.gov/trafficops/camutcd/</a>	2014	PWPI030119-08
<p><b>NOTE:</b>           *Available online under Engineering Documents and References at: <a href="http://www.sandiego.gov/publicworks/edocref/index.shtml">http://www.sandiego.gov/publicworks/edocref/index.shtml</a></p> <p>*Electronic updates to the Standard Drawings may also be found in the link above</p>		

9. **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.
10. **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.
11. **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.
12. **SUBCONTRACTOR INFORMATION:**
- 12.1. **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 state the **DIR REGISTRATION NUMBER** for all subcontractors and 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 – Section 3-2, “SELF-PERFORMANCE”, 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.

Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 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 California Department of Industrial Relations (DIR). **The Bidder shall provide the name, address, license number, DIR registration number of any Subcontractor – regardless of tier** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract.

**12.2. 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), DIR REGISTRATION NUMBER** 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.

**12.3. 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.

**13. SUBMITTAL OF “OR EQUAL” ITEMS:** See Section 4-6, “Trade Names” in The WHITEBOOK and as amended in the SSP.

**14. AWARD:**

**14.1.** The Award of this contract is contingent upon the Contractor’s compliance with all conditions precedent to Award.

**14.2.** 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.

- 14.3.** 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.
- 15. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 3-2, "SELF-PERFORMANCE" 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.
- 16. 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.
- 17. 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.
- 18. 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.
- 19. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY) FOR DESIGN-BID-BUILD CONTRACTS:**
- 19.1.** 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.
- 19.2.** 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.
- 19.3.** 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.

- 19.4.** 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. By 5PM the next business day after the bid opening date, the first five apparent low bidders must provide the City with the original bid security.
- 19.5** Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original by 5PM the next business day after bid opening date shall cause the bid to be rejected and deemed **non-responsive**.

Original Bid Bond shall be submitted to:

Public Works Contracts  
525 B Street, Suite 750 (7th Floor)  
San Diego, California, 92101

To the Attention of the **Ron McMinn** on the Front Page of this solicitation.

**20. AWARD OF CONTRACT OR REJECTION OF BIDS:**

- 20.1.** This contract may be awarded to the lowest responsible and reliable Bidder.
- 20.2.** Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 20.3.** 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.
- 20.4.** 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.
- 20.5.** 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.
- 20.6.** 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.

**20.7.** 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.

**20.8.** 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.

**21. BID RESULTS:**

**21.1.** 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.

**21.2.** 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.

**22. THE CONTRACT:**

**22.1.** 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.

**22.2.** 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.

**22.3.** 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.

**22.4.** 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.

- 22.5.** 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 by 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.
- 23. 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 3-9, "TECHNICAL STUDIES AND SUBSURFACE DATA", 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.
- 24. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 24.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 24.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 24.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 24.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 24.5.** 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.
- 24.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 24.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

**25. PRE-AWARD ACTIVITIES:**

- 25.1.** 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**.
- 25.2.** 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  
**Two Million Two Hundred Thirteen Thousand Nine Dollars and Twenty Cents (\$2,213,009.20)**  
for the faithful performance of the annexed contract, and in the sum of **Two Million Two Hundred  
Thirteen Thousand Nine Dollars and Twenty Cents (\$2,213,009.20)** 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.

The Surety expressly agrees that the City of San Diego may reject any contractor or  
subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default  
by the Principal.

The Surety shall not utilize Principal in completing the improvements and work specified in  
the Agreement, nor shall Surety accept a bid from Principal for completion of the improvements and  
work specified in the Agreement if the City of San Diego, when declaring the Principal in default,

notifies Surety of the City of San Diego 's objection to Principal's further participation in the completion of the improvements and work specified in the Agreement.

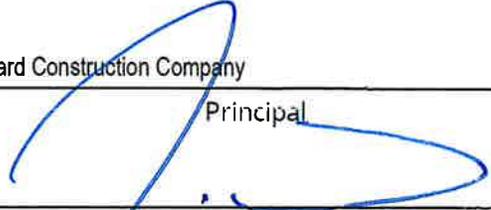
**PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND (continued)**

Dated April 29, 2020

Approved as to Form

Hazard Construction Company

Principal

By 

**JASON A. MORDHORST, PRESIDENT**

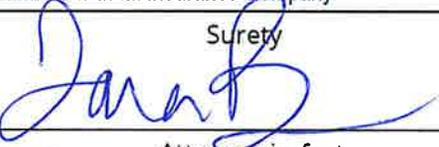
Printed Name of Person Signing for Principal

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 \$ 13,278.00

Bond No. SNN4014335

# 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 )

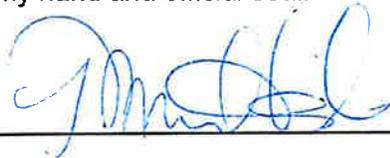
On April 29, 2020 before me, Minna Huovila, Notary Public  
(insert name and title of the officer)

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 severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:

DALE G. HARSHAW, GEOFFREY SHELTON, TARA BACON, KYLE KING, JOHN R. QUALIN, MINNA HUOVILA

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 27th day of February, 2019.

[Handwritten signature of Antonio C. Albanese]

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

ACKNOWLEDGMENT

STATE OF NEW YORK, COUNTY OF NEW YORK: ss
On this 27th day of February, 2019, 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.



Suzanne C. Delio
Notary Public, State of New York
No. 02DE6126649
Qualified in Westchester County
Commission Expires September 16, 2021

[Handwritten signature of Suzanne C. Delio]
Notary Public
My Commission Expires
September 16, 2021

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 29th day of April, 2020.

[Handwritten signature of Laura B. Guy]
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 May 8, 2020 before me, Apryle 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 Briede (SEAL)  
NOTARY PUBLIC SIGNATURE



## ATTACHMENTS

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

## SCOPE OF WORK

### 1. SCOPE OF WORK:

#### **Downtown Complete Streets Implementation (Phase 2B) – WBS No. B19143**

This project will extend the street coverage into more downtown areas in Phase 2B which are located in Pacific Highway between Grande Palm Ct. to W. Palm Ave. This construction contract will continue implementation of the mobility plan with installation of cycle tracks, traffic signal modifications, street resurfacing, signage & striping, and ADA curb ramps.

#### **Center City Traffic Signal Pacific Hwy @ W Beech Street – WBS No. B18083**

This project consists of installation of new traffic signal at the intersection of Pacific Highway and W Beech Street. Project scope also includes installations of new left turn pocket, bike lanes, traffic signal poles, vehicles and pedestrian indications, audible pedestrian signals, ADA curb ramps, pedestrian countdown timers, ADA pedestrian push buttons, EVPE, vehicle and bike detector loops, crosswalks, signage and striping, and removal and reconstruction of raised medians, along with repairing where the existing median is removed.

1.1. The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Bids and Plans numbered **41467-01-D** through **41467-17-D** and **41022-01-D** through **41022-07-D**, inclusive.

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

See **Appendix E – Location Map**

3. **CONTRACT TIME:** The Contract Time for completion of the Work, shall be **120 Working Days**.

**ATTACHMENT B**

**RESERVED**

**ATTACHMENT C**  
**RESERVED**

**ATTACHMENT D**  
**PREVAILING WAGE**

## PREVAILING WAGE

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. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.

- 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.** Contractor and their subcontractors shall also 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 contractors 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 Prevailing Wage Unit at 858-627-3200.

- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A contractor or subcontractor shall not be qualified to bid on, be listed in a bid or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.
- 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.
- 1.9.2.** 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 for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.
- 1.10. Stop Order.** For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.
- 1.11. List of all Subcontractors.** The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.

**1.12. Exemptions for Small Projects.** There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

**1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1).

**1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).

**1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11 above. (Labor code section 1773.3).

**ATTACHMENT E**  
**SUPPLEMENTARY SPECIAL PROVISIONS**

## SUPPLEMENTARY SPECIAL PROVISIONS

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

1. The **2018 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2018 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), including the following:
  - a) General Provisions (A) for all Construction Contracts.

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

**1-2 TERMS AND DEFINITIONS.** To the "WHITEBOOK", items 43, 56, 69, and 102, DELETE in its entirety and SUBSTITUTE with the following:

43. **Field Order** - A Field Order is a written agreement by the Engineer to compensate you for Work items in accordance with 2-8, "EXTRA WORK" or 2-9, "CHANGED CONDITIONS". A Field Order does not change the Contract Price, Contract Time, or the scope intent of the Contract.
56. **Notice of Completion (NOC)** - A document recorded with the County of San Diego to signify that the Contract Work has been completed and accepted by the City.
69. **Punchlist** - A list of items of Work or corrections generated after a Walk-through that is conducted when you consider that the Work and Services are complete, and as verified by the Owner. The Punchlist may be completed in phases if defined in the Contract.
102. **Walk-through** - The procedure the City uses to evaluate the status of the Project or the phase of the Project and to generate a Punchlist prior to Acceptance.

To the "WHITEBOOK", item 54, "Normal Working Hours", ADD the following:

The **Normal Working Hours** are **8:30 AM to 4:30 PM**.

To the "WHITEBOOK", ADD the following:

108. **Substantial Completion** – When all Contract Work is deemed complete by the Contractor in writing, and as verified by the Owner. Substantial Completion may be completed in phases if defined in the Contract.
109. **Acceptance of Work** – When all of the Contract work is deemed officially complete, including all Punchlist items, by the Owner.

110. **Occupancy** – When the Owner deems a building is ready for use, the Owner will issue a certificate of Occupancy in writing.

**1-7.1.3**

**Requests for Information (RFI).** To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

1. Should You discover a conflict, omission, errors in the Contract Documents, differences with existing field conditions, or have any questions concerning interpretation or clarification of Contract Documents, or when you propose deviations to the standards or design, you shall submit a Request for Information (RFI) to the City regarding your question or clarification within **1 Working Day**.
2. Your RFI shall meet the following requirements:
  - a) All RFIs, whether by You or your Subcontractor or supplier at any tier, shall be submitted by You to the City.
  - b) RFIs shall be numbered sequentially.
  - c) You shall clearly and concisely set forth the single issue for which interpretation or clarification is sought, indicate Specification Section numbers, Contract Drawing numbers, and details, or other items involved, and state why a response is required from the City.
  - d) RFIs shall be submitted within **1 Working Day** in order that they may be adequately researched and answered before the response affects any critical activity of the Work.
  - e) Should You believe that a response to an RFI causes a change to the requirements of the Contract, You shall, before proceeding, give written notice to the City, indicating that You believe that City response to the RFI to be a Change Order. Failure to give such written notice within **5 Working Days** of receipt of the City’s response to the RFI shall waive Your right to seek additional time or cost.
3. The City will respond to RFIs within **5 Working Days** unless the City notifies You in writing that a response will take longer. The **5 Working Days** shall begin when the RFI is received and dated by the City. Responses from the City will not change any requirement of the Contract unless so noted by the City in the response to the RFI. The City will not issue a Change Order for Extra Work or additional time when the issue raised in the RFI was due to your fault, neglect, or any unauthorized deviations from the project design or specifications.
4. If You proceed in resolving a conflict, omission, or any error in the Contract Documents without sending the City an RFI in accordance with the requirements stated above, the City may require You to remove such work at Your cost or back charge You the cost to remove this work.

## SECTION 3 – CONTROL OF THE WORK

**3-2 SELF-PERFORMANCE.** To the “GREENBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

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

**3-8.7 Contractor’s Quality Control Plan (QCP).** To the “WHITEBOOK”, ADD the following:

7. The establishment and implementation of a Quality Control Plan (QCP), as defined in the standard specifications, shall be required for this Contract. See example in **Appendix G - Sample Contractor’s Daily Quality Control Plan Inspection Report.**

**3-8.7.1 QCP Submittal.** To the “WHITEBOOK”, item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. The QCP shall be organized to address, at a minimum, the following items:
  - a) Quality Control Administrator
  - b) Surface preparation and paving schedule
  - c) Inspection and documentation requirements (Daily Quality Control Inspection Report)
  - d) Material quality control testing plan
  - e) Documentation of quality control activities
  - f) Procedures for corrective action when quality control and/or acceptance criteria are not met
  - g) If paving Work will be in areas prone to shade, provide curing time of product

**3-8.7.4 Documentation.** To the “WHITEBOOK”, item 3, section “a”, subsection “viii”, DELETE in its entirety and SUBSTITUTE with the following:

- viii. Documentation that the following have been verified to be in compliance:
  - Proper storage of materials and equipment.
  - Proper operation of all equipment.
  - Adherence to plans and technical specifications.
  - Review of quality control tests.
  - Safety inspection.
  - Mixing properties of products against the approved submittal limits.

**3-13.1 Completion.** To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall submit a written assertion that the Work has been completed and is ready for Owner Acceptance. If, in the Engineer's judgment, the Work has been completed in accordance with the Contract Documents, the Engineer will set forth in writing the date the Work was completed. This will be the date that you are relieved from responsibility to protect and maintain the Work and to which liquidated damages will be computed.

**3-13.1.1 Requirements Before Requesting a Walk-through.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

**3-13.1.1 Requirements Before Requesting Substantial Completion.**

1. The following items are required prior to requesting a Substantial Completion:
  - a) Remove temporary facilities from the Site.
  - b) Thoroughly cleaning the Site and removing all mark outs and construction staking.
  - c) Provide completed and signed Red-lines in accordance with 3-7.3 "Redlines and Record Documents".
  - d) Provide all material and equipment maintenance and operation instructions and/or manuals.
  - e) Provide all tools which are permanent parts of the equipment installed in the Project.
  - f) Provide and properly identify all keys for construction and all keys for permanent Work.
  - g) Provide all final Special Inspection reports required by the applicable building Code.
  - h) Provide all items specified to be supplied as extra stock. Wrap, seal, or place in a container all items as necessary to allow for storage by the City for future use. Verify the specified quantities.
  - i) Ensure that all specified EOCP and certified wage rate documentations covering the Contract Time have been submitted.
  - j) Provide the spare parts for the proposed irrigation system as specified in the Special Provisions.
  - k) If the Work includes sewer and storm drain installations, the inspection shall include televising in accordance with 306-18, "VIDEO INSPECTION".
  - l) If the Work includes a Plant Establishment Period, Work in accordance with 801-6, "MAINTENANCE AND PLANT ESTABLISHMENT" shall be completed prior to requesting Substantial Completion, unless approved otherwise by the Owner.

- m) Notify the Engineer to arrange a final inspection of permanent BMPs installed.

**3-13.1.2 Walk-through and Punchlist Procedure.** To the “WHITEBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

1. You shall notify the Engineer 15 Working Days in advance of date of anticipated Substantial Completion to allow time for Engineer to schedule a Walk-through. After you complete the requirements in 3-13.1.1, “Requirements Before Requesting Substantial Completion” and when you consider that the Work is Substantially Complete, you will notify the Engineer in writing that the Project is Substantially Complete. The Engineer will review your request and determine if the Project is ready for a Walk-through, by verifying whether you have completed all items as required by 3-13.1.1, “Requirements Before Requesting Substantial Completion”. Within 7 Working Days, the City will either reject your request of a Walk-through in writing or schedule a Walk-through inspection. The Engineer shall facilitate the Walk-through.
2. The following documents shall be provided at the time of your Walk-through request: As-Built markup, Plans, specifications, technical data such as submittals and equipment manuals, draft final payment, warranties, material certifications, bonds, guarantees, maintenance service agreements, and maintenance and operating manuals.
3. Written warranties, except manufacturer's standard printed warranties, shall be on a letterhead addressed to you. Warranties shall be submitted in the format described in this section, modified as approved by the City, to suit the conditions pertaining to the warranty. Lack of submitting these items will delay start of Walk-through.
4. The Engineer will provide you with the Punchlist within 15 Working Days after the date of the Walk-through. The City shall not provide a preliminary Punchlist.
5. If the Engineer finds that the Project is not Substantially Complete as defined herein, the Engineer will terminate the Walk-through and notify you in writing.
6. If, at any time during the Engineer’s evaluation of the corrective Work required by the Punchlist, the Engineer discovers that additional corrective Work is required, the Engineer may include that corrective Work in the Punchlist.
7. You shall remain solely responsible for the Project Site until the Project is completely operational, all Punchlist items have been corrected, and all operation and maintenance manuals have been accepted by the City.
8. The Engineer shall meet with you until all Punchlist items are corrected. You shall complete the Punchlist within 30 Working Days, and Working Days will continue to be counted until Acceptance of the Project.

**3-13.2 Acceptance.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall provide the completed, signed, and stamped DS-563 to the Engineer prior to Acceptance.
2. You shall deliver the final As-builts and final billing prior to Acceptance.
3. You shall assemble and deliver to the Engineer a Final Summary Report and Affidavit of Disposal prior to Acceptance.
4. Acceptance shall occur after all of the requirements contained in the Contract Documents have been fulfilled. If, in the Engineer's judgment, you have fully performed the Contract, the Engineer will recommend to the City Engineer that your performance of the Contract be accepted. You shall receive notification of Acceptance in writing from the Owner and counting of working days shall cease and Warranty begins.
5. Retention can be released 35 Calendar Days after NOC. Submit your request for retention to the Resident Engineer and they will mail to you a "Release of Claims" form which shall be completed and returned before the retention will be released.

**3-13.3 Warranty.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall warranty and repair all defective materials and workmanship for a period of 1 year. This call back warranty period shall start on the date the Work was accepted by the City unless the City has Beneficial Use or takes Occupancy of the project earlier (excluding water, sewer, and storm drain projects).
2. You shall warranty the Work free from all latent defects for 10 years and patent defects for a period of 4 years.
3. The warranty period for specific items covered under manufacturers' or suppliers' warranties shall commence on the date they are placed into service at the direction of the Engineer in writing.
4. All express warranties from Subcontractors, manufacturers', or Suppliers', of any tier, for the materials furnished and Work performed shall be assigned, in writing, to the City, and shall be delivered to the Engineer prior to the Acceptance of your performance of the Contract.
5. Replace or repair defective materials and workmanship in a manner satisfactory to the Engineer after notice to do so from the Engineer and within the time specified in the notice. If you fail to make such replacements or repairs within the time specified in the notice, the City may perform the replacement or repairs at your expense. If you fail to reimburse the City for the actual costs, your Surety shall be liable for the cost

6. Items that shall be warrantied free from defective workmanship and materials for a period longer than 1 year are as follows:

Specified Item	Minimum Warranty Period
Detectable Warning Tile Construction	3 Years of Manufacturer's Warranty
All Work Under SECTION 500 - PIPELINE REHABILITATION	3 Years
Fiber Optic Interconnect Cables	2 Years
Luminaires*	10 Years of Manufacturer's Warranty
LED Signal Modules	3 Years of Manufacturer's Warranty
Field Devices Associated with 700-6.3, "Adaptive Control Note"	See 700-6.3.9, "Warranty"

\* Provide documentation verifying that the induction luminaire models being offered for the Project are covered by the 10 year warranty.

7. You shall provide the City and property owner a copy of the manufacturer's warranty for private sewer pumps, including the alarm panel and all other accessories.
- a) You shall involve the manufacturer in the installation and startup as needed to secure any extended warranty required.
  - b) Nothing in here is intended to limit any manufacturer's warranty which provides the City with greater warranty rights than set forth in this section or the Contract Documents.
  - c) The warranty shall include all components. The form of the warranty shall be approved by the Engineer in accordance with 3-13.3.2, "Warranty Format Requirements".
8. If, during the warranty period, any item of the Work is found to be Defective Work, you shall correct it promptly after receipt of written notice from the City to do so. The warranty period shall be extended with respect to portions of the Work corrected as part of the warranty requirements.

**3-15.3 Coordination.** To the "WHITEBOOK", ADD the following:

2. Other adjacent City projects are scheduled for construction for the same time period. See **Appendix F - Adjacent Projects Map** for the approximate location. Coordinate the Work with the adjacent projects as listed in **Appendix F - Adjacent Projects Map**.

## SECTION 4 - CONTROL OF MATERIALS

**4-3.6 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.

**4-6 TRADE NAMES.** To the "WHITEBOOK", ADD the following:

11. You shall submit your list of proposed substitutions for an "equal" item **no later than 5 Working Days after the determination of the Apparent Low Bidder** and on the City's Product Submittal Form available at:

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

## SECTION 5 - LEGAL RELATIONS AND RESPONSIBILITIES

**5-4 INSURANCE.** To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

**5-4 INSURANCE.**

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

**5-4.1 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.

**5-4.2 Types of Insurance.**

**5-4.2.1 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

**5-4.2.2 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.

**5-4.3 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.

**5-4.3.1 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.

**5-4.4 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.

**5-4.5 Policy Endorsements.**

**5-4.5.1 Commercial General Liability Insurance.**

**5-4.5.1.1 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.

**5-4.5.1.2 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.

**5-4.5.1.3 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.

**5-4.5.2 Commercial Automobile Liability Insurance.**

**5-4.5.2.1 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.

**5-4.6 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.

**5-4.7 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.

**5-4.8 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.

**5-4.9 Excess Insurance.** Policies providing excess coverage shall follow the form of the primary policy or policies e.g., all endorsements.

**5-4.10 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).**

1. For Contracts with required engineering services (e.g., Design-Build, preparation of engineered Traffic Control Plans (TCP), and etc) by you, you shall keep or require all of your employees or Subcontractors, who provide professional engineering services under this contract, Professional Liability coverage with a limit of **\$1,000,000** per claim and **\$2,000,000** annual aggregate in full force and effect.

2. You shall ensure the following:
  - a) The policy retroactive date is on or before the date of commencement of the Project.
  - b) The policy will be maintained in force for a period of 3 years after completion of the Project or termination of this Contract, whichever occurs last. You agree that for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
3. If professional engineering services are to be provided solely by the Subcontractor, you shall:
  - a) Certify this to the City in writing and
  - b) Agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth above.

**5-4.11 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.

**5-4.11.1 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.

**ADD:**

**5-10.1.3 Weekly Updates Recipients.**

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

Name, Senior Engineer, [DZhang@sandiego.gov](mailto:DZhang@sandiego.gov)

Name, Project Engineer, [AAlaeipour@sandiego.gov](mailto:AAlaeipour@sandiego.gov)

Resident Engineer, TBA,

**5-10.2.1 Public Notice by Contractor.** To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

3. Furnish and distribute public notices in the form of door hangers using the City's format to all occupants and/or property owners along streets:
  - a) Where Work is to be performed at least Working 5 Working Days before starting construction or survey activities or impacting the community as approved by the Resident Engineer.
  - b) Within 5 Working Days of the completion of your construction activities where Work was performed, you shall distribute public notices in the form of door hangers, which outlines the anticipated dates of Asphalt Resurfacing or Slurry Seal.
  - c) 72 hours in advance of the scheduled resurfacing.

**5-10.3 Exclusive Community Liaison Services.** To the "WHITEBOOK", ADD the following:

2. You shall retain an Exclusive Community Liaison for the Project that shall implement Work in accordance with the specifications described in 5-10.2 "Community Outreach Services" and 5-10.3 "Exclusive Community Liaison Services".

**5-13 ELECTRONIC COMMUNICATION.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Virtual Project Manager shall be used on this Contract.
2. You shall post all communications addressed to the Engineer concerning construction including RFIs, submittals, daily logs including the Weekly Statement of Working Days (WSWD), Storm Water, and transmittals to the Virtual Project Manager (VPM) website established for the Projects. This shall not supersede any Federal requirements.
3. Maintain a list of scheduled activities including planned and actual execution dates for all major construction activities and milestones defined in the approved Schedule.
4. Review and act on all communications addressed to you in the VPM project website.

5. A user's guide to the VPM system is available on the City's website and shall be provided to you at the Pre-construction Meeting. Refer to the VPM training videos and forms at the location below:

<https://www.sandiego.gov/publicworks/edocref>

6. Submit the Sensitive Information Authorization Acknowledgement Form and VPM User Agreement located in the VPM user's guide at the Pre-construction Meeting.

**5-15.1 General.** To the "WHITEBOOK", item 10, DELETE in its entirety and SUBSTITUTE with the following:

10. If your construction activities have encountered flammable liquids or other hazardous substances, you shall ensure that construction staff have the required Hazardous Waste Operations and Emergency Response (HAZWOPER) certification. Construction staff shall include: City Engineers, City Laboratory Technicians, and City staff that perform onsite inspections.
  - a) If your Work encounters flammable liquids or other hazardous substances, you shall be responsible for scheduling training for all construction staff to attend and for submitting verification to the Engineer that construction staff have the required HAZWOPER certification prior to continuing that Work in that area. You shall maintain the HAZWOPER certifications annually until the construction activities triggering the requirement is complete, as approved by the Resident Engineer.

## SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

**6-1.1 Construction Schedule.** To the "WHITEBOOK", item 1, subsection "s", DELETE in its entirety and SUBSTITUTE with the following:

- s) Submit an updated cash flow forecast with every pay request (for each Project ID or WBS number provided in the Contract) showing periodic and cumulative construction billing amounts for the duration of the Contract Time. If there has been any Extra Work since the last update, include only the approved amounts.
  - i. Refer to the Sample City Invoice materials in **Appendix D – Sample City Invoice with Cash Flow Forecast** and use the format shown.
  - ii. See also the "Cash Flow Forecast Example" at the location below:

<https://www.sandiego.gov/publicworks/edocref>

**6-1.5.2 Excusable Non-Compensable Delays.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

**6-1.5.2 Excusable Non-Compensable and Concurrent Delays.**

1. The City shall only issue an extension of time for Excusable Delays that meet the requirements of 6-4.2, "Extensions of Time" for the following circumstances:
  - a) Delays resulting from Force Majeure.
  - b) Delays caused by weather.
  - c) Delays caused by changes to County, State, or Federal law.
2. When a non-excusable delay is concurrent with an Excusable Delay, you shall not be entitled to an extension of Contract Time for the period the non-excusable delay is concurrent with the Excusable Delay.
3. When an Excusable Non-Compensable Delay is concurrent with an Excusable Compensable Delay, you shall be entitled to an extension of Contract Time, but shall not be entitled to compensation for the period the Excusable Non-Compensable Delay is concurrent with the Excusable Compensable Delay.

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

3. Annual Holiday Construction Restriction
  - a) This construction restriction applies to the downtown area to minimize traffic impacts of construction on retail merchants and customers during the "holiday season." The limits of the downtown area are described as Cedar Street on the north, 12th Avenue on the east, Harbor Drive on the south, and North Harbor Drive on the west.
  - b) Construction activities which affect on-street parking, vehicle and icycle travel lanes, or pedestrian sidewalk areas should be scheduled either before or after the holiday season. The holiday season is described as starting on Thanksgiving Day and extending to New Year's Day.

**6-4.2 Extensions of Time.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The Contract Time shall not be modified except by Change Order.
2. You shall notify the City in writing within **1 Working Day** after the occurrence and discovery of an event that impacts the Project Schedule.

- a) If you believe this event requires a Change Order, you shall submit a **written Change Order request with a report to** the City that explains the request for Change Order within **5 Working Days**. The Change Order request must include supporting data, a general description of the discovery, the basis for extension, and the estimated length of extension. The City may grant an extension of time, in writing, for the Change Order request if you require more time to gather and analyze data.
  
- 3. The Engineer shall not grant an extension of Contract Time in accordance with 6-1.5, "Excusable Delays" unless you demonstrate, through an analysis of the critical path, the following:
  - a) The event causing the delay impacted the activities along the Project's critical path.
  - b) The increases in the time to perform all or part of the Project beyond the Contract Time arose from unforeseeable causes beyond your control and without your fault or negligence and that all project float has been used.
  
- 4. Any modifications to the Contract Time will be incorporated into the weekly document that the Engineer issues that stipulates the Contract Time. If you do not agree with this document, submit to the Engineer for review a written protest supporting your objections to the document within **30 Calendar Days** after receipt of the statement. Your failure to file a timely protest shall constitute your acceptance of the Engineer's weekly document.
  - a) Your protest will be considered a claim for time extension and shall be subject to 2-10.1, "Claims".

**6-4.4 Written Notice and Report.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. Your failure to notify the Resident Engineer within **1 Working Day** OR provide a Change Order request within **5 Working Days** after the event, in accordance with 6-4.2, "Extensions of Time", will be considered grounds for refusal by the City to consider such request if your failure to notify prejudices the City in responding to the event.

**ADD:**

**6-6.1.1 Environmental Document.**

1. The City of San Diego has prepared a **Final Supplemental Environmental Impact Report for the Downtown San Diego Mobility Plan, San Diego, California** for Project No. SCH #2014121002, as referenced in the Contract **Appendix A**. You shall comply with all requirements of the **Final Supplemental Environmental Impact Report** as set forth in **Appendix A**. Use the following link: <https://filecloud.sandiego.gov/url/pt8gay2ib89c8zjk>.
2. Compliance with the City's environmental document shall be included in the Contract Price, unless separate bid items have been provided.

**SECTION 7 – MEASUREMENT AND PAYMENT**

**7-3.1 General.** To the "WHITEBOOK", ADD the following:

The payment for furnishing, installation, removing, reinstalling signs and post, new signs and new posts, as shown on the Plans or as directed by the Engineer, in conformance with these Special Provisions shall be included in the Bid item listed below:

- a) New Sign
- b) New Sign and Post

**7-3.9 Field Orders.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. If the cumulative total of Field Order items of Work does not exceed the "Field Orders" Bid Item, the City shall pay those Field Orders as shown below:

**TABLE 7-3.9**

**FIELD ORDER LIMITS**

<b>Contract Price</b>	<b>Maximum Field Order Work Amount</b>
Less than \$100,001	\$2,500
\$100,001 to \$1,000,000	\$5,000
\$1,000,001 to \$5,000,000	\$10,000
\$5,000,001 to \$15,000,000	\$20,000
\$15,000,001 to \$30,000,000	\$40,000
Greater than \$30,000,000	\$50,000

2. Field Order items of Work for contracts greater than \$15,000,000 will require additional approvals from the City prior to its approval by the Resident Engineer.
3. The City will issue a Field Order only after the City's acceptance of the cost of the field order amount.
4. Field Orders shall not be used to add scope or to include extensions of time related to changes in work.
5. If in the event there is a change related to the critical path on the project which necessitates an extension of time and the change amount is within the Field Order limits shown on Table 7-3.9, then a Field Order can be issued to compensate you for the approved costs. Any extensions of time associated with the change shall be included in a subsequent Change Order and no additional compensation shall be granted as part of the change order for the extension of time.
6. The unused portions of Field Orders Bid item shall revert to the City upon Acceptance.

**7-3.11 Compensation Adjustments for Price Index Fluctuations.** To the "WHITEBOOK" ADD the following:

5. This Contract is subject to the provisions of The "WHITEBOOK" for Compensation Adjustments for Price Index Fluctuations for paving asphalt.

### **SECTION 203 – BITUMINOUS MATERIALS**

**203-6.3.1 General.** To the "WHITEBOOK", ADD the following:

3. Asphalt concrete for Job Mix Formula (JMF) and Mix Designs shall be Type III and shall not exceed 15% RAP.

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

**301-1.6 Preparatory Repair Work.** To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Prior to the placement of any asphalt concrete or application of slurry, you shall complete all necessary preparation and repair Work and shall obtain approval by the Resident Engineer.

ADD the following:

13. Asphalt concrete shall be Type III and shall not exceed 15% RAP in accordance with 203-6.3.1, "General".

## SECTION 302 – ROADWAY SURFACING

**302-4.5 Scheduling, Public Convenience and Traffic Control.** To the “GREENBOOK”, paragraphs (1) and (2), DELETE in its entirety and SUBSTITUTE with the following:

1. In addition to the requirements of Part 6, you shall comply with the following:
  - a) At least 5 Working Days prior to commencing the Work, you shall submit your proposed Schedule to the Engineer for approval.
  - b) Based upon the approved schedule, you shall notify residents and businesses of the Work and post temporary “No Parking” signs 72 hours in advance.
  - c) Requests for changes in the approved Schedule shall be submitted to the Engineer for approval at least 3 Working Days before the street is scheduled to be sealed.

**302-4.12.2 Application.** To the “WHITEBOOK”, item 1, ADD the following:

- c) RPMS shall only be placed when ambient temperature is 50° F or higher.

## SECTION 303 – CONCRETE AND MASONRY CONSTRUCTION

**303-6.1.2 Measurement and Payment.** To the WHITEBOOK ADD the following:

3. The payment for the installation of new concrete raised median, painting median nose yellow, and pavement repair shall be paid at the Contract Unit Price per square foot and shall be included in the Bid item “Concrete Raised Median”.
4. The lump sum payment for “Traffic Median Removal and Repair” shall include demolition and disposal, forming, curb painting, relocating or raising items in conflict to grade, protecting and preserving existing survey monuments and improvements, and restoring pavement.

**314-2.3 Payment.** To the “GREENBOOK”, DELETE in its entirety and SUBSTITUTE with the following:

The payment for removal of traffic striping and curb markings shall be included in the Bid item “Removal of Traffic Striping and Curb Markings” and shall be paid at the Contract Unit Price per lineal foot.

**314-4.3.7 Payment.** To the “WHITEBOOK”, ADD the following:

3. Payment for all work, material, labor, costs, and time associated with the installation of painted traffic stripes in accordance with the Striping and Signing Plans will be made at the contract unit price per lineal foot for “Painted Traffic Stripes and Painted Curb Markings”.

4. Payment for all work, material, labor, costs, and time associated with the installation of painted pavement markings in accordance with the Striping and Signing Plans will be made at the contract unit price for the following Bid Items:
  - a) Parking Space Markings (EA)
  - b) Angled Parking Stall Markings (LF)
  - c) Green Paint Treatment (SF)

**314-4.4.6 Payment.** To the "WHITEBOOK" Items #4 DELETE in its entirety and substitute with the following:

4. The payment for all work, material, labor, costs, and time associated with the installation of thermoplastic pavement markings and striping shall be included in the bid item "Thermoplastic Pavement Markings" at the Contract Unit Price per square foot for the following Items:
  - a) 1'-0" Thermoplastic Limit Line Pavement Marking
  - b) Thermoplastic Continental Crosswalk Pavement Marking
  - c) Pavement Marking Arrows
  - d) "STOP" Pavement Marking
  - e) "STOP" Pavement Marking (Custom)
  - f) Bike Lane Symbol with Person
  - g) Bike Lane Arrow
  - h) Shared Roadway Bicycle Marking
  - i) Two-Stage Turn Queue Box Legend

#### **SECTION 404 - COLD MILLING**

**404-12 Payment** To the "WHITEBOOK", ADD the following:

5. The Payment for all Work, materials, labor, cost and time associated with the cold milling of additional composite pavement with a layer of pavement fabric shall be included in the Bid item "Cold Mill of Additional Composite Pavement and Pavement Fabric".

#### **SECTION 402 - UTILITIES**

**402-2 PROTECTION.** To the "WHITEBOOK", item 2, ADD the following:

- g) Refer to **Appendix J - Advanced Metering Infrastructure (AMI) Device Protection** for more information on the protection of AMI devices.

**SECTION 601 - TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION  
AND MAINTENANCE WORK ZONES**

- 601-2.1.2 Engineered Traffic Control Plans (TCP).** To the “WHITEBOOK”, ADD the following:
5. Engineered TCP (2 foot x 3 foot size) shall be required within the project limits in Pacific Highway.
- 601-2.1.4 Traffic Control for Resurfacing and Slurry Sealing.** To the “WHITEBOOK”, item 3, subsection “d”, DELETE in its entirety and SUBSTITUTE with the following:
- d) Place “NO PARKING - TOW-AWAY ZONE” signs 72 hours in advance of the scheduled slurry sealing. Reschedule street block segments which are not completed by the last posted Working Day. If a Work delay of 48 hours or more occurs from the originally scheduled Work date, remove the “NO PARKING - TOW-AWAY ZONE” signs for a minimum of 24 hours, then reset and re-post for the appropriate Work date.
- 601-3.5.1 General.** To the “WHITEBOOK”, item 3, DELETE in its entirety and SUBSTITUTE with the following:
3. Temporary “No Parking” and “No Stopping” signs shall be installed 72 hours before enforcement. Temporary “No Parking” and “No Stopping” signs shall be installed and removed as specified in the Special Provisions. Signs shall indicate specific days, dates, and times of restrictions. If violations occur, call Police Dispatch 619-531-2000 to enforce the Tow-Away notice.
- 601-3.6 Channelizing Devices.** To the “WHITEBOOK”, item 4, Barricades, ADD the following:
- h) You shall place “OPEN TRENCH” signs (C27(CA)) on Type 3 Barricade within the construction Work zone, ahead of any Work areas with open trenches that are greater than 3 inches in depth, in accordance with California MUTCD SECTION 6F.103 (CA). The barricades shall be placed in a continuous manner and shall prevent pedestrian, vehicular, and biker access to the open trench area.
- 601-3.6.1.1 Flexible Delineators.**
- A. Flexible delineators and aluminum anchor cups will be installed per the specifications in **Appendix K – Specification for Flexible Delineators**.
  - B. Delineators shall be placed and installed at locations as specified in the Striping and Signing plans.
- 601-7 PAYMENT** To the “WHITEBOOK”, ADD the following:
- F) The payment for all work, including material and labor costs and time associated with the installation of flexible delineators and aluminum anchor cups in accordance with 601-3.6.1.1 shall be made at the Contract unit Price for each and shall be included in the bid item for “Flexible Delineator”.

## SECTION 701 – CONSTRUCTION

**701-2 PAYMENT.** To the “WHITEBOOK”, ADD the following:

6. The payment for removing and disposing existing equipment shall include surface restoration and shall be paid at the Contract Unit Price for each and shall be included in the following Bid items:
  - a) “Remove Existing Pedestrian barricade with Sign”
7. The payment for removing, relocating, and reinstalling an existing equipment to its full operation and shall be paid at the Contract Unit Price for each and shall be included in the Bid items:
  - a) “Remove and Relocate Existing Electrical Device”
  - b) “Remove and Relocate Existing Regulatory Sign”
8. The payment for furnishing and installing a luminaire onto a traffic signal pole’s luminaire mast arm, and furnishing and installing the wiring, splicing, and grounding of the luminaire back to the electric service meter pedestal, shall be paid at the Contract Unit Price for each and shall be included in the Bid item “Type Z-INT – 4000K LED Luminaire with Adaptive Control”.
9. The payment for furnishing and installing a new electrical conduit into an existing pull box and restoring surrounding sidewalk shall be paid at the Contract Unit Price for each and shall be included in the Bid item “Install Conduit into Exist. Pull Box (CB)”.
10. The payment for furnishing and installing pole foundation and base plate, conduit from the adjacent pull box into the pole foundation, and signal pole, signal mast arm, the luminaire mast arm shall be shall be paid at the Contract Unit Price for each and shall be included in the following Bid items:
  - a) “Type 19-4-100 Pole and Foundation with 25’ Signal Mast Arm”
  - b) “Type 26-4-100 Pole and Foundation with 45’ Signal Mast Arm”
  - c) “Type 17-2-100 Pole and Foundation with 15’ Signal Mast Arm”
  - d) “Pedestrian Push Button Pole and Spread Footing”
11. The payment for furnishing and installing pole foundation and base plate, conduit from the adjacent pull box into the pole foundation, signal pole, and luminaire mast arm shall be paid at the Contract Unit Price for each and shall be included in the Bid item “Type 15TS Street Light Pole and Foundation”.
12. The payment for furnishing and installing pedestrian and/or vehicular signal heads and frame onto a traffic signal pole or its traffic signal mast arm, and furnishing and installing the wiring of the equipment back to the controller

cabinet, shall be paid at the Contract Unit Price for each and shall be included in the following Bid items:

- a) "12" SV-1-T Vehicular Signal (3-Section Head) with Frame"
- b) "12" MAS Vehicular Signal (3-Section Head) with Frame"
- c) "SP-1-T Pedestrian Signal with Frame"
- d) "SP-2-T Pedestrian Signal with Frame"

**13.** The payment for furnishing and installing signs onto a traffic signal mast arm and/or on the pole shall be paid at the Contract Unit Price for each and shall be included in the following Bid items:

- a) "Sign Mounted on Signal Mast Arm".
- b) "Sign Mounted on Pole".

**14.** The payment for trenching, furnishing, and installing electrical conduits, pull ropes, and pavement restoration adjacent to the trench paid at the Contract Unit Price per linear foot shall be included in the following Bid items:

- a) "3 Inch PVC Conduit in AC Pavement per City Standards"
- b) "3 Inch PVC Conduit in AC Pavement per SDG&E Standards"
- c) "Two 3 Inch PVC Conduits in Same Trench in AC Pavement Per City Standards"

**15.** The payment for furnishing and installing pull boxes and lids shall be included in the following Bid items:

- a) "#3-1/2 Pull Box"
- b) "#5 Pull Box"
- c) "SDG&E 3309 Handhole"

**16.** The payment for furnishing and installing the foundation, meter pedestal, conduit(s) per SDG&E standards from the electrical service point to the meter pedestal foundation, and from the meter pedestal foundation to the adjacent City pull box, wiring per SDG&E standards from the electric service point to the meter pedestal, and the 30 AMP and 50 AMP fuses, cartridges, and ground rod in the City pull box adjacent to the meter pedestal shall be paid at the Contract Unit Price for each and shall be included in the Bid item "Type III Meter Pedestal with Foundation".

**17.** The payment for furnishing and installing the foundation, the 332L controller cabinet with all the auxiliary equipment necessary to operate the system, the conduits from the adjacent pull box into the cabinet foundation, and the

Controller Assembly per Section 700-3 and Table 700-3.1 of the City of San Diego Standard Specifications for Public Works Construction (the "WHITEBOOK"), and for furnishing and installing the wiring from the service meter to the controller cabinet, shall be paid at the Contract Unit Price for each and shall be included in the following Bid item "Type 332L Cabinet and Foundation with 170E Controller Assembly".

- 18.** The payment for furnishing, installing, and programming an accessible pedestrian signal system with Polara 2\_wire Navigator APS Push Button Stations w/Type 800-59 Signs and metallic housings with a color that matches color no. 33538 of FED-STD-595 or approved equal, a CCU II EN Control Unit, a Monitoring Unit, and a Configurator, and furnishing and installing the wiring of the equipment back to the controller cabinet shall be paid at the Contract Unit Price for each and shall be included in the Bid item "Polara Navigator Accessible Pedestrian Signal System with 8 Stations".
- 19.** The payment for furnishing and installing an Emergency Vehicle Preemption Equipment system with two dual-input dual-output detectors, and phase selector and discriminator assemblies, and furnishing and installing the optical detector cabling of the equipment back to the controller cabinet shall be paid at the Contract Unit Price for each and shall be included in the Bid item "Emergency Vehicle Preemption System for 3-leg Intersection".
- 20.** The payment for furnishing and installing detector loops, and detector lead-in cables back to the traffic signal controller shall be paid at the Contract Unit Price for each and shall be included in the following Bid items:

  - a) "Traffic Signal Loop and Appurtenance (Type E/Type E MOD)"
  - b) "Traffic Signal Loop and Appurtenance (Type Q)"
- 21.** The payment for furnishing and installing conductor cables into new conduit from the traffic signal equipment back to the controller cabinet shall be paid at the Contract Unit Price per linear feet and shall be included in the following Bid items:

  - a) "3-Conductor Cable"
  - b) "12-Conductor Cable"
  - c) "#6 Conductor Cable"
  - d) "#8 Conductor Cable"
  - e) "#10 Conductor Cable"

22. The payment for furnishing and installing CCTV camera, all power sources, video, data cables, Ethernet switch, and all other camera-related field electronic equipment for full CCTV operation shall be paid at the Contract Unit Price per each and shall be included in Bid item "CCTV Camera System".
23. Payment for all Work, materials, labor and time associated with the installation of a pedestrian push button and post shall include but not limited to: Pedestrian Push Button Assembly, Post and Foundation, PVC Conduit Pull Box and removal of any conflict devices shall be paid at the Contract Unit Price and shall be included in the bid item for "Pedestrian Push Button, Post and Foundation".
24. Payment for all Work, materials, labor, costs, and time associated with the replacement of a pedestrian push button assembly shall be included in the bid item for "Replace Pedestrian Push Button Assembly".
25. The payment for adjusting existing electrical pull box frame and cover to grade shall be included in the bid item for "Adjust Existing Electrical Pull Box Frame and Cover to Grade".

#### **SECTION 1001 – CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)**

**1001-1**      **GENERAL.** To the "WHITEBOOK", ADD the following:

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

**SUPPLEMENTARY SPECIAL PROVISIONS**  
**APPENDICES**

## APPENDIX A

### FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT REPORT

Please use the following link: <https://filecloud.sandiego.gov/url/pt8gay2ib89c8zjk>

Note:

1. The link must be opened in either Firefox or Chrome browsers.
2. The file must be downloaded first before opened.

**APPENDIX B**  
**FIRE HYDRANT METER PROGRAM**

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

**Reference**

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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- 3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.
- 3.3 **Backflow Preventor:** A Reduced Pressure Principal Assembly connected to the outlet side of a Fire Hydrant Meter.

4. **POLICY**

- 4.1 The Water Department shall collect a deposit from every customer requiring a fire hydrant meter and appurtenances prior to providing the meter and appurtenances (see Section 7.1 regarding the Fees and Deposit Schedule). The deposit is refundable upon the termination of use and return of equipment and appurtenances in good working condition.
- 4.2 Fire hydrant meters will have a 2 ½" swivel connection between the meter and fire hydrant. The meter shall not be connected to the 4" port on the hydrant. All Fire Hydrant Meters issued shall have a Reduced Pressure Principle Assembly (RP) as part of the installation. Spanner wrenches are the only tool allowed to turn on water at the fire hydrant.
- 4.3 The use of private hydrant meters on City hydrants is prohibited, with exceptions as noted below. All private fire hydrant meters are to be phased out of the City of San Diego. All customers who wish to continue to use their own fire hydrant meters must adhere to the following conditions:
  - a. Meters shall meet all City specifications and American Water Works Association (AWWA) standards.
  - b. Customers currently using private fire hydrant meters in the City of San Diego water system will be allowed to continue using the meter under the following conditions:
    - 1. The customer must submit a current certificate of accuracy and calibration results for private meters and private backflows annually to the City of San Diego, Water Department, Meter Shop.

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

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

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

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

#### 4.7 Relocation of Existing Fire Hydrant Meters

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

#### 4.8 Disconnection of Fire Hydrant Meter

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

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for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

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

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

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

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

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

**Water Department Director**

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

#### APPENDIX

**Administering Division:** Customer Support Division

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

**Distribution:** DI Manual Holders



# Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

## Meter Information

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

Fire Hydrant Location: (Attach Detailed Map//Thomas Bros. Map Location or Construction drawing.) <u>Zip:</u>	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="text"/>	<input type="checkbox"/>	Check Box if Reclaimed Water

## Company Information

Company Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ( )
*Business license#		*Contractor license#	
A Copy of the Contractor's license OR Business License is required at the time of meter issuance.			
Name and Title of Billing Agent: <small>(PERSON IN ACCOUNTS PAYABLE)</small>			Phone: ( )
Site Contact Name and Title:			Phone: ( )
Responsible Party Name:			Title:
Cal ID#			Phone: ( )
Signature:		Date:	
<small>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</small>			

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

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter	
Contract Acct #:	Deposit Amount: <b>\$ 936.00</b>	Fees Amount: <b>\$ 62.00</b>
Meter Serial #	Meter Size: <b>05</b>	Meter Make and Style: <b>6-7</b>
Backflow #	Backflow Size:	Backflow Make and Style:
Name:	Signature:	Date:

**WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER**

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

**Note:**

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

Date

Name of Responsible Party  
Company Name and Address  
Account Number: \_\_\_\_\_

Subject:           Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

## **APPENDIX C**

### **MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE**

## MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

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

**APPENDIX D**

**SAMPLE CITY INVOICE WITH CASH FLOW FORECAST**



WBS #:	B18108
Date Submitted:	10/10/2018
NTP Date:	3/23/2018
Final Statement of WD Date:	5/23/2020
Contract #:	K-XX-XXXX-XXX-X
Contract Amount:	\$5,617,000

Construction Cash Flow Forecast  
 "Sewer and Water Group Job 965 (W)"

Year	January	February	March	April	May	June	July	August	September	October	November	December
2018				15,000	25,000	52,000	52,000	100,000	10,000	100,000	100,000	100,000
2019	10,000	10,000	85,000	58,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	1,000,000
2020	100,000	100,000	100,000	1,000,000	1,000,000							
2021												
2022												
2023												
2024												
2025												

SAMPLE REFERENCE

**APPENDIX E**  
**LOCATION MAP**

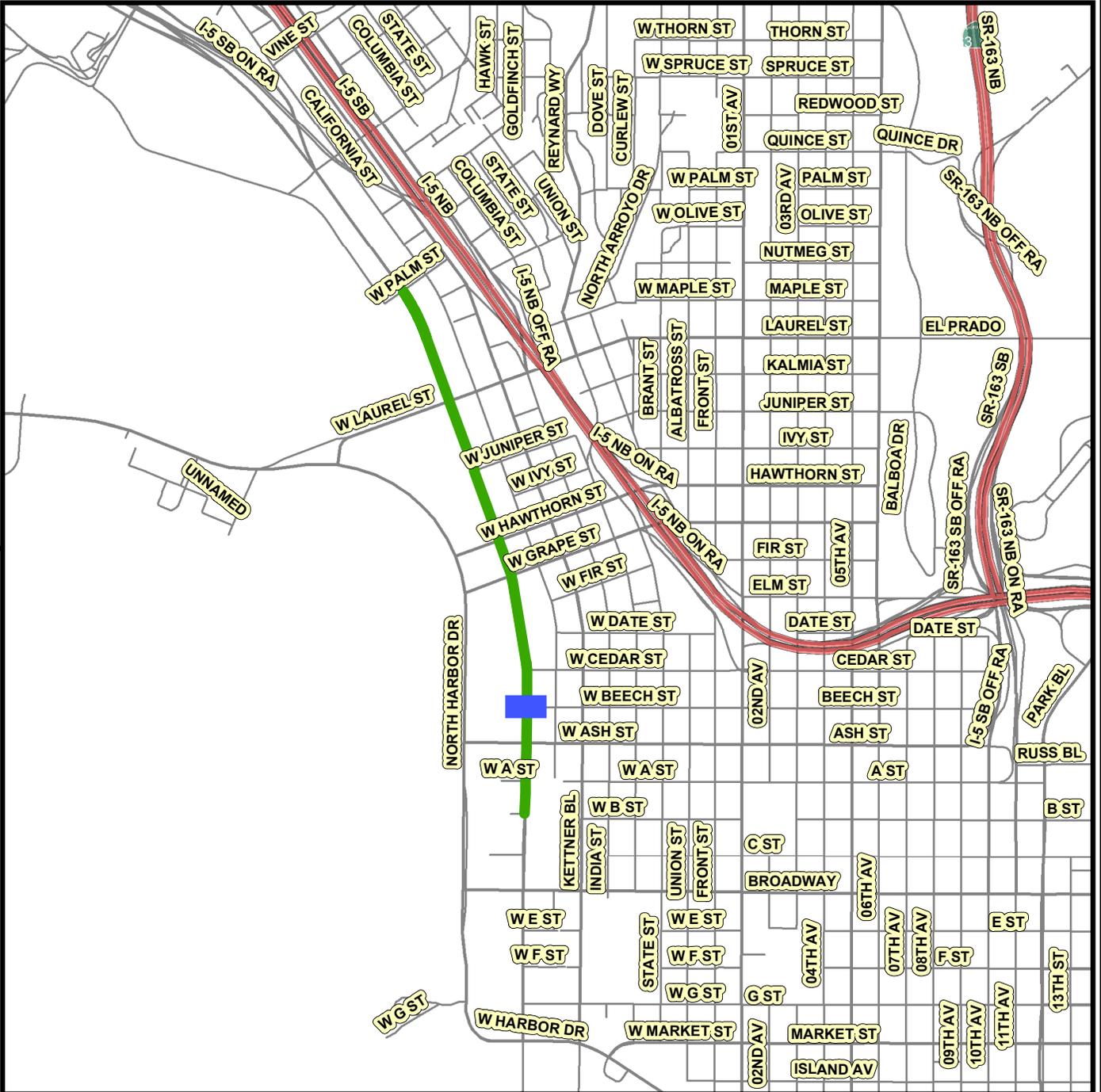
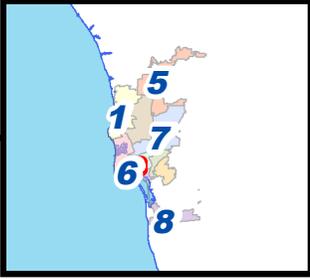
**DOWNTOWN COMPLETE STREETS IMPLEMENTATION  
PHASE 2B AND CENTER CITY NEW TRAFFIC SIGNALS**

SENIOR ENGINEER  
DAYUE ZHANG  
619-533-7409

PROJECT MANAGER  
ALI ALAEIPOUR  
619-533-5141

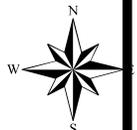
PROJECT ENGINEER  
JWAN MUFTI  
619-533-3163

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



**Legend**

- Phase 2B and Center City New Traffic Signals
- Center City New Traffic Signals



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**APPENDIX F**  
**ADJACENT PROJECT MAP**

## Appendix F- Adjacent Projects

Project Name	Project No. /WBS No.	Project Manager	Contact Information
Private Utilities (SANDAG)	PR-000618	Brett Stephens Gateway Pacific Management	Email: Brett.Stephens@gpmcivil.com Phone: 619-504-3016
Lane Field South Pacific Highway and W Broadway	PTS#446286	Trisha Jones Linscott, Law & Greenspan Engineers	Phone: 619-881-2591
Water Group 952	B-11048	Jericho Gallardo City of San Diego	Email: JGallardo@sandiego.gov Phone: 619-533-7523

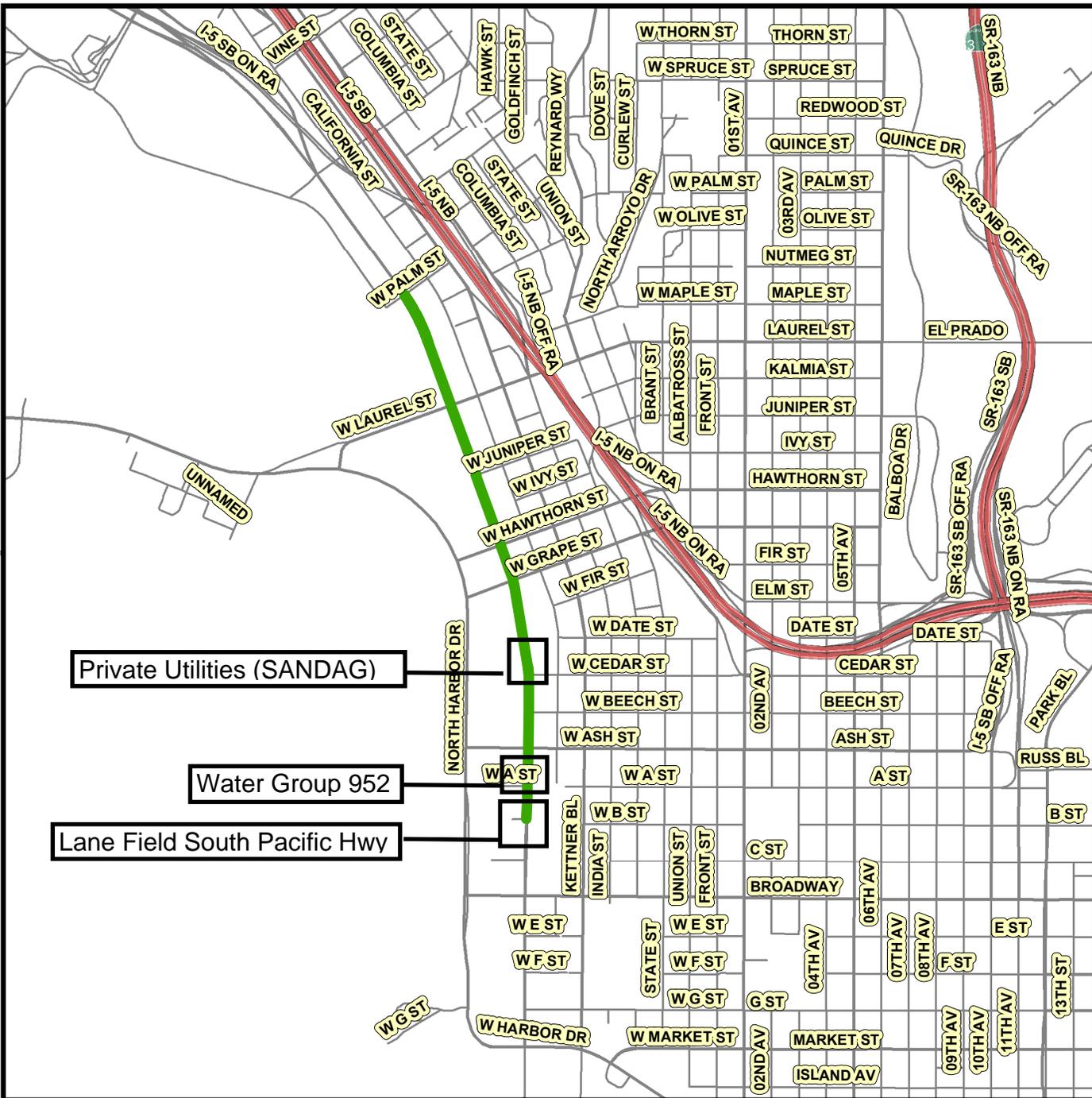
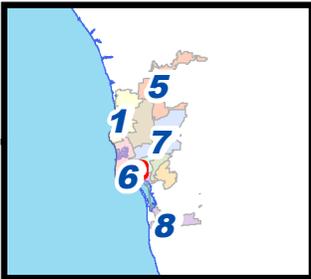
## DOWNTOWN COMPLETE STREETS IMPLEMENTATION PHASE 2B AND CENTER CITY NEW TRAFFIC SIGNALS

SENIOR ENGINEER  
DAYUE ZHANG  
619-533-7409

PROJECT MANAGER  
ALI ALAEIPOUR  
619-533-5141

PROJECT ENGINEER  
JWAN MUFTI  
619-533-3163

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



Private Utilities (SANDAG)

Water Group 952

Lane Field South Pacific Hwy

### Legend



Phase 2B and Center City New Traffic Signals



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## **APPENDIX G**

### **CONTRACTOR'S DAILY QUALITY CONTROL INSPECTION REPORT**

**Appendix G**

City of San Diego  
Asphalt Concrete Overlay

**Contractor's Daily Quality Control Inspection Report**

Project Title: \_\_\_\_\_ Date: \_\_\_\_\_

Locations: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Asphalt Mix Specification: Attached Supplier: \_\_\_\_\_

Dig out Locations: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Tack Coat Application Rate @ Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Asphalt Temperature at Placement @ Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Asphalt Depth @Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Compaction Test Result @Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Location and nature of defects:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Remedial and Corrective Actions taken or proposed for Engineer's approval:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Date's City Laboratory representative was present:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Verified the following:

1. Proper Storage of Materials & Equipment
2. Proper Operation of Equipment
3. Adherence to Plans and Specs
4. Review of QC Tests
5. Safety Inspection

Initials:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Deviations from QCP \_\_\_\_\_ (see attached)

Quality Control Plan Administrator's Signature:

Date Signed:

\_\_\_\_\_

\_\_\_\_\_

City of San Diego  
Rubber Polymer Modified Slurry  
**Contractor's Daily Quality Control Inspection Report**

Project Title: \_\_\_\_\_ Date: \_\_\_\_\_

Ambient Temperature (Start of Work): \_\_\_\_\_ Time: \_\_\_\_\_

Environmental Considerations: \_\_\_\_\_

Locations (Address Range/Cross Streets):

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Approved Mix Design: \_\_\_\_\_

Material Suppliers: \_\_\_\_\_

RPMS Type(s): \_\_\_\_\_

Slurry Machine #'s: \_\_\_\_\_

Estimated Cure Time (Break) of Slurry: \_\_\_\_\_

Pre-Mix (Per 100 Counts)

Gate Setting/Emulsion %: \_\_\_\_\_

Aggregate Weight: \_\_\_\_\_

Cement % (by weight of aggregate): \_\_\_\_\_

Crumb Rubber % (by volume of cement): \_\_\_\_\_

Machine Inspection

Leaks: \_\_\_\_\_

Sprayers: \_\_\_\_\_

Emulsion Filter: \_\_\_\_\_

Carbon Black: \_\_\_\_\_

Spreader Box Inspection

Cleanliness: \_\_\_\_\_

Augers: \_\_\_\_\_

Rubbers: \_\_\_\_\_

Fabric: \_\_\_\_\_

Runners: \_\_\_\_\_

City of San Diego  
Rubber Polymer Modified Slurry  
**Contractor's Daily Quality Control Inspection Report**

Project Conditions

Crack Fill: \_\_\_\_\_

Asphalt Deficiencies: \_\_\_\_\_

Cleanliness: \_\_\_\_\_

Impediments/Other: \_\_\_\_\_

Communication to Client/ Resident Engineer

Crack Fill: \_\_\_\_\_

Asphalt Deficiencies: \_\_\_\_\_

Cleanliness: \_\_\_\_\_

Impediments/Other: \_\_\_\_\_

Test Lab

Tech: \_\_\_\_\_ Time on Site: \_\_\_\_\_

Notes

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

QCP Administrator Signature:

Date Signed:

\_\_\_\_\_

\_\_\_\_\_

**Appendix G**

City of San Diego  
Asphalt Concrete Overlay  
**Contractor's Daily Quality Control Inspection Report**

Project Title: \_\_\_\_\_ Date: \_\_\_\_\_

Locations: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Asphalt Mix Specification: Attached Supplier: \_\_\_\_\_

Dig out Locations: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Tack Coat Application Rate @ Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Asphalt Temperature at Placement @ Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Asphalt Depth @Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Compaction Test Result @Locations:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Location and nature of defects:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

Remedial and Corrective Actions taken or proposed for Engineer's approval:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

Date's City Laboratory representative was present:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

Verified the following:

- 1. Proper Storage of Materials & Equipment
- 2. Proper Operation of Equipment
- 3. Adherence to Plans and Specs
- 4. Review of QC Tests
- 5. Safety Inspection

Initials:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Deviations from QCP \_\_\_\_\_ (see attached)

Quality Control Plan Administrator's Signature:

Date Signed:

\_\_\_\_\_

\_\_\_\_\_

**APPENDIX H**  
**HAZARDOUS WASTE LABEL/FORMS**

# HAZARDOUS WASTE

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

GENERATOR NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_ 24 HR. PHONE ( ) \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
EPA ID NO. \_\_\_\_\_ MANIFEST DOCUMENT NO. \_\_\_\_\_  
EPA WASTE NO. \_\_\_\_\_ CA WASTE NO. \_\_\_\_\_ ACCUMULATION START DATE \_\_\_\_\_ / /

CONTENTS, COMPOSITION \_\_\_\_\_  
PROPER DOT SHIPPING NAME \_\_\_\_\_  
TECHNICAL NAME (S) \_\_\_\_\_  
UNNA NO. WITH PREFIX \_\_\_\_\_

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

**HANDLE WITH CARE!**  
CONTAINS HAZARDOUS OR TOXIC WASTES

# INCIDENT/RELEASE ASSESSMENT FORM <sup>1</sup>

## 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.

<sup>1</sup> 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.

# NON REPORTABLE RELEASE INCIDENT FORM

## 1. RELEASE AND RESPONSE DESCRIPTION

Incident # \_\_\_\_\_

Date/Time Discovered	Date/Time Discharge	Discharge Stopped <input type="checkbox"/> Yes <input type="checkbox"/> No
Incident Date / Time:		
Incident Business / Site Name:		
Incident Address:		
Other Locators (Bldg, Room, Oil Field, Lease, Well #, GIS)		
Please describe the incident and indicate specific causes and area affected. Photos Attached?: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Indicate actions to be taken to prevent similar releases from occurring in the future.		

## 2. ADMINISTRATIVE INFORMATION

Supervisor in charge at time of incident:	Phone:
Contact Person:	Phone:

## 3. CHEMICAL INFORMATION

Chemical	Quantity <input type="checkbox"/> GAL <input type="checkbox"/> LBS <input type="checkbox"/> FT <sup>3</sup>
Chemical	Quantity <input type="checkbox"/> GAL <input type="checkbox"/> LBS <input type="checkbox"/> FT <sup>3</sup>
Chemical	Quantity <input type="checkbox"/> GAL <input type="checkbox"/> LBS <input type="checkbox"/> FT <sup>3</sup>
Clean-Up Procedures & Timeline:	
Completed By:	Phone:
Print Name:	Title:

**EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM**

<b>A</b>	BUSINESS NAME	FACILITY EMERGENCY CONTACT & PHONE NUMBER ( ) -	
<b>B</b>	INCIDENT DATE MO DAY YR	TIME OES NOTIFIED (use 24 hr time)	OES CONTROL NO.
<b>C</b>	INCIDENT ADDRESS LOCATION	CITY / COMMUNITY	COUNTY ZIP
<b>D</b>	CHEMICAL OR TRADE NAME (print or type)		CAS Number
<b>D</b>	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"/>	
<b>D</b>	PHYSICAL STATE CONTAINED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	PHYSICAL STATE RELEASED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	QUANTITY RELEASED
<b>D</b>	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER	TIME OF RELEASE	DURATION OF RELEASE — DAYS — HOURS — MINUTES
<b>E</b>	ACTIONS TAKEN		
<b>F</b>	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) _____			
<b>G</b>	ADVICE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS		
<b>H</b>	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)		
<b>I</b>	CERTIFICATION: I certify under penalty of law that I have personally examined and I am familiar with the information submitted and believe the submitted information is true, accurate, and complete.		
REPORTING FACILITY REPRESENTATIVE (print or type) _____			
SIGNATURE OF REPORTING FACILITY REPRESENTATIVE _____ DATE: _____			

## **EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS**

### **GENERAL INFORMATION:**

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

### **BASIC INSTRUCTIONS:**

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

### **SPECIFIC INSTRUCTIONS:**

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

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

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

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

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

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

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

**Block H:** List any additional pertinent information.

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

### **MAIL THE COMPLETED REPORT TO:**

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

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

**APPENDIX I**  
**SAMPLE OF PUBLIC NOTICE**



## 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

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- 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](mailto:engineering@sandiego.gov) | [sandiego.gov/CIP](http://sandiego.gov/CIP)

 This information is available in alternative formats upon request.

To contact the City of San Diego:  Public Works  
619-533-4207 | [engineering@sandiego.gov](mailto:engineering@sandiego.gov) | [sandiego.gov/CIP](http://sandiego.gov/CIP)

 This information is available in alternative formats upon request.

## **APPENDIX J**

### **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**



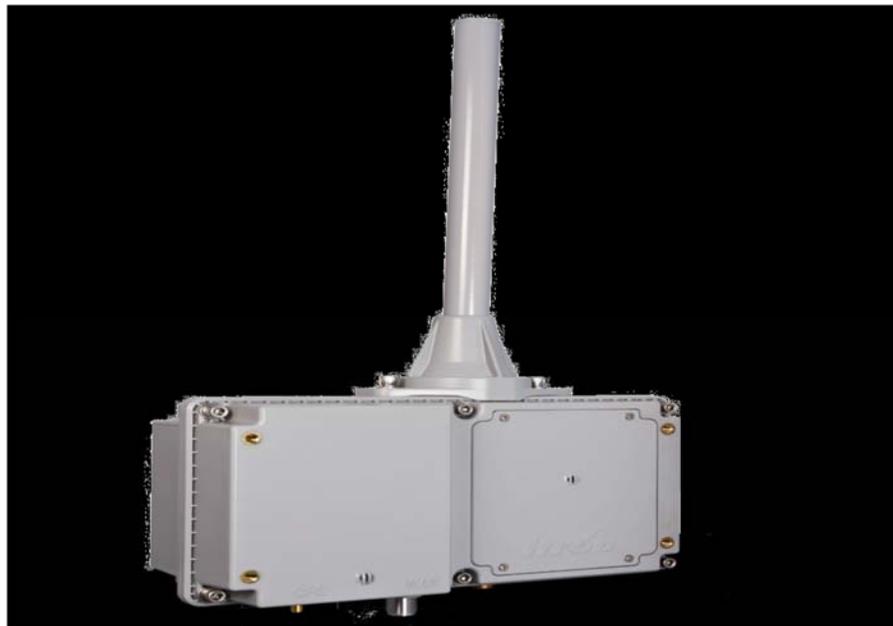
B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:

**Photo 2**



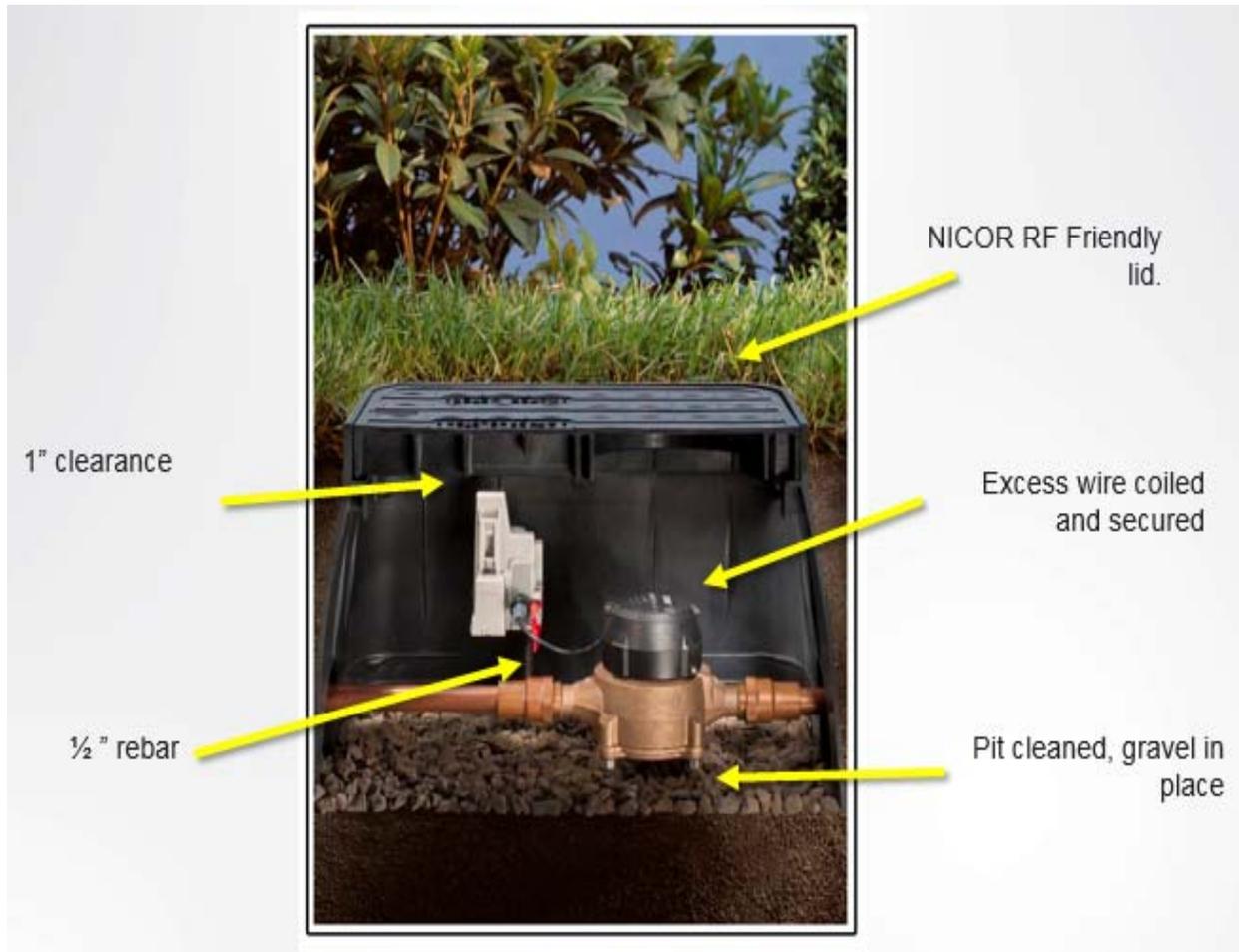
Network Devices, see Photo 3:

**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**

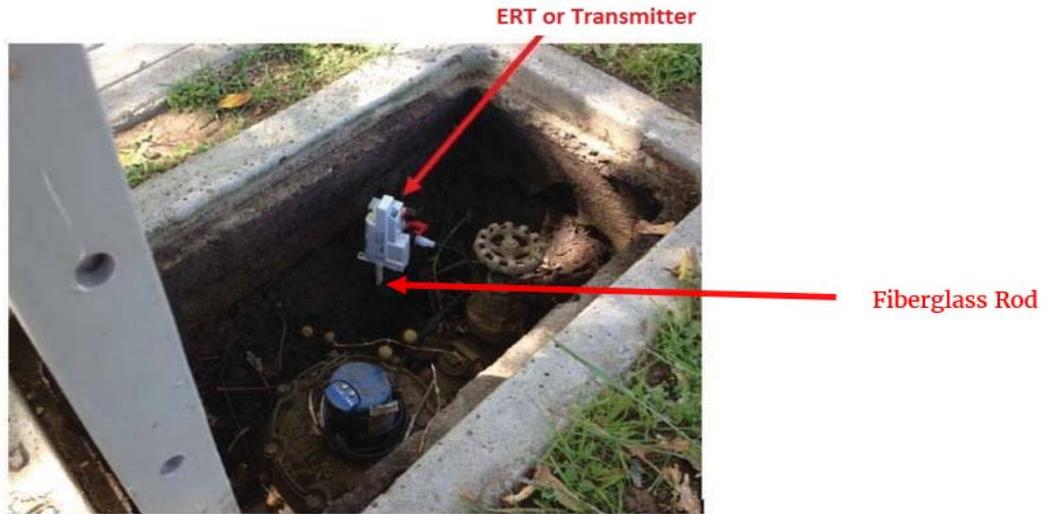


Photo 6 below is an example of disturbance that shall be avoided:

**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.**

**APPENDIX K**  
**SPECIFICATIONS FOR FLEXIBLE DELINEATORS**

## Pexco City Post Embedded Anchor Cup or Equal Flexible Delineator Material Specifications

Equal shall be determined by Design, Impact Performance, Construction, Color, Reflective Sheeting, Lengths, Installation, and Removal as defined below:

**Design.** Pexco City Post Flexible Embedded Anchor Cup or equal flexible delineator post system comprised of a 28-inch height tubular marker, Kelley Green in color, a top cap (domed), and an integrated anchor bolt assembly that work together for impact resistance and rebound. Flexible delineator assembly shall be installed into a pre-installed 4-inch (2-inch O.D.) aluminum alloy embedded anchor cup mounted flush with the roadway. Flexible delineator shall not be glue down or bolt down mounted.

**Impact Performance.** Flexible delineator shall have the ability to resist impact and rebound fully upright when impacted by a vehicle per the following parameters at an accredited test facility:

- A total of twelve (12) channelizer posts 36" (914mm) tall shall be installed in a test deck in two rows of six (6) posts such that one row of post is subjected to direct wheel-over impacts, the other row direct bumper impacts.
- The twelve posts shall be impacted by an unmodified MASH-08 compliant passenger vehicle one hundred (100) times at a speed of 60 MPH (100 km/h) at a temperature between 32 and 72 degrees F.
- All posts shall return to within 5 degrees of vertical, as measured at the top of the post, within two minutes after the final vehicle impact.
- Accredited facility shall mean a facility either certified to ISO 17025:2005 or certified by the American Association for Laboratory Accreditation (A2LA).
- A test report from an accredited testing facility shall be provided upon request.

**Construction.** Flexible delineator shall consist of channelizer post system comprised of a tubular marker, a top cap and an integrated anchor bolt assembly. Flexible delineator shall not include internal mechanical spring or cable built into unit.

1. The tubular marker portion shall consist of round post a minimum of 3.15" (80mm) in diameter, with 0.125" (3.2mm) thick walls (minimum). All posts shall be constructed of UV-stabilized thermos-plastic polyurethane (TPU) for toughness and rebound, conforming to the following material specifications:

Property	ASTM Test	Results
Specific Gravity (min.)	D 792	1.10
Hardness (min.)	D 2240	90 A
Tear Strength (min lb/in.)	D 624, Die C	800
Tensile Strength @ yield, (min PSI)	D 412	4,000
Tensile Elongation @ break (min. %)	D 412	450
Cold Temp. Impact Test (-7° F)	FL/DOT	Pass
Gloss (min. units)	N/A	12.1

2. Anchor bolt assembly

The tubular marker portion shall be permanently bonded to the anchor bolt assembly. The anchor bolt assembly shall contain an over-molded stainless steel bolt 24mm in diameter with a minimum of five (5) complete threads protruding from the bottom to mate with an anchor cup embedded in the pavement. All anchor bolt assemblies shall be constructed of a UV-stable high-impact

All anchor bolt assemblies shall be constructed of a UV-stable high-impact thermo-plastic alloy conforming to the following material specifications:

Property	ASTM Test	Results
Specific Gravity (min.)	D 792	1.21
Gardner Impact (min.)	N/A	160
Flexural Strength (min lb/in.)	D 790	20,000
Shore Hardness	D 2240	55 D

3. Top Cap

The tubular marker portion shall also be permanently bonded to a polyurethane top cap (domed). The Top Cap shall be matching in color with flexible delineator (Kelley Green), provided with name of the manufacturer and a plurality of holes to allow the escapement of air when impacted, and also prevent the collection of rubbish or debris into the tubular portion of the post

**Color.** Flexible delineators shall be constructed of UV-stabilized polymers and colors. The color shall be Kelly Green throughout and stabilized to resist UV degradation.

**Reflective Sheeting.** Flexible delineators shall have a minimum of two (2) 3-inch wide wraps of retroreflective sheeting factory applied. The reflective sheeting shall be an ASTM Type V abrasion resistant micro-prismatic sheeting, applied two (2) inches down from the top with a two (2) inch gap between the two wraps.

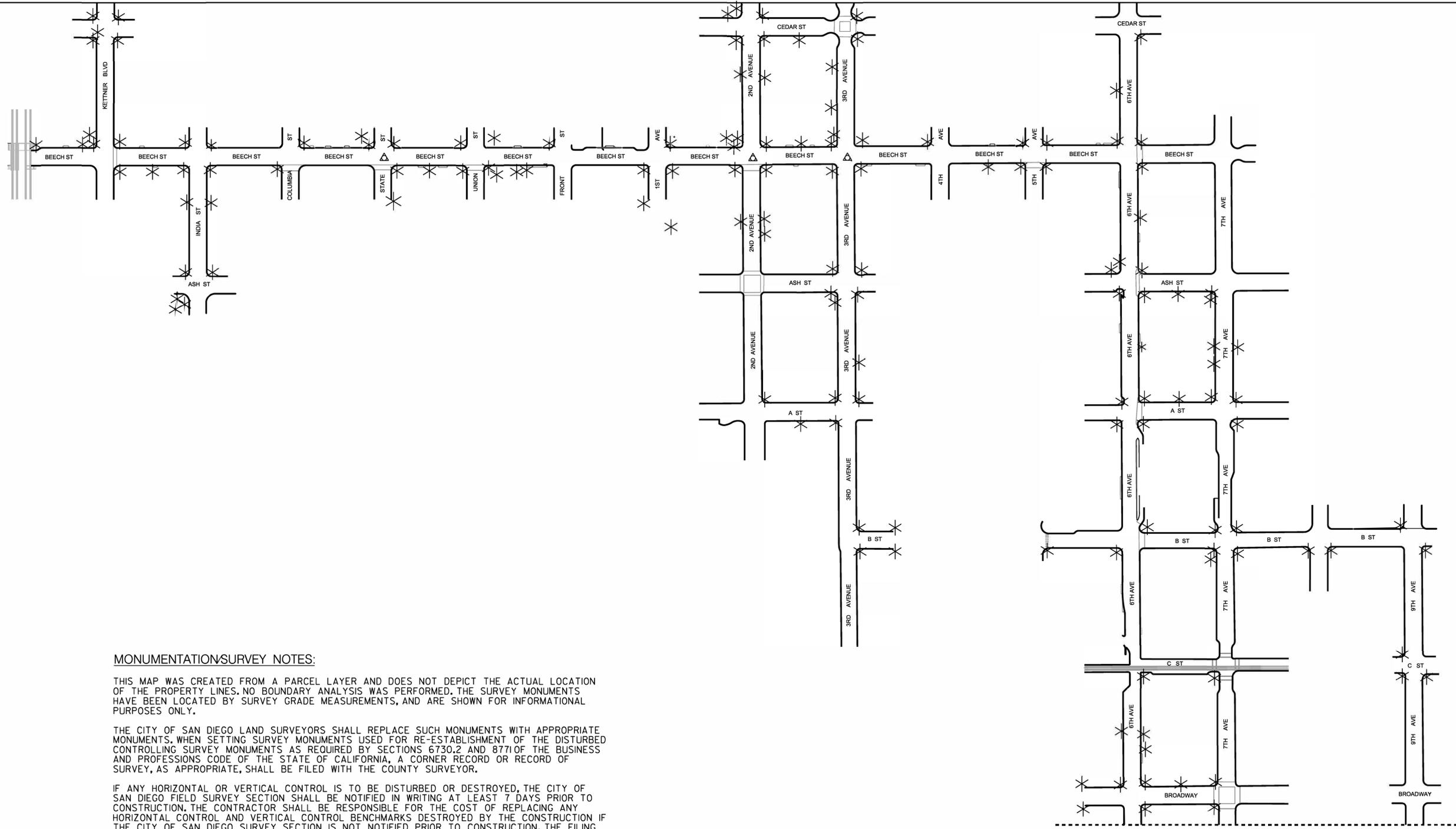
**Lengths.** Flexible delineators shall be supplied in lengths of 28-inches or as specified in the construction plans or procurement details.

**Installation.** Flexible delineator assembly shall be installed into a pre-installed aluminum alloy anchor cup mounted flush with the roadway. Flexible delineator shall be spun into the cup, and tightened into place with a wrench suitable for this purpose.

**Removal.** Flexible delineator shall be designed to allow for easy removal using a basic non powered hand tool. Any remaining attachment hardware shall remain flush with existing pavement.

**APPENDIX L**

**SURVEY MONUMENT SHEETS-REFERENCE**



**MONUMENTATION SURVEY NOTES:**

THIS MAP WAS CREATED FROM A PARCEL LAYER AND DOES NOT DEPICT THE ACTUAL LOCATION OF THE PROPERTY LINES. NO BOUNDARY ANALYSIS WAS PERFORMED. THE SURVEY MONUMENTS HAVE BEEN LOCATED BY SURVEY GRADE MEASUREMENTS, AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

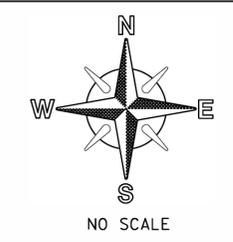
THE CITY OF SAN DIEGO LAND SURVEYORS SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS. WHEN SETTING SURVEY MONUMENTS USED FOR RE-ESTABLISHMENT OF THE DISTURBED CONTROLLING SURVEY MONUMENTS AS REQUIRED BY SECTIONS 6730.2 AND 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA, A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED WITH THE COUNTY SURVEYOR.

IF ANY HORIZONTAL OR VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ANY HORIZONTAL CONTROL AND VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION. IF THE CITY OF SAN DIEGO SURVEY SECTION IS NOT NOTIFIED PRIOR TO CONSTRUCTION, THE FILING OF A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE SHALL BE FILED WITH COUNTY SURVEYOR. A COPY OF THE FILED DOCUMENT SHALL BE FURNISHED TO THE CITY OF SAN DIEGO SURVEY SECTION.

LEGEND	
*	APPROXIMATE LOCATION OF EXISTING SURVEY MONUMENT
Δ	LOCATION OF EXISTING SURVEY M-10

MATCHLINE - SEE SHHET 2

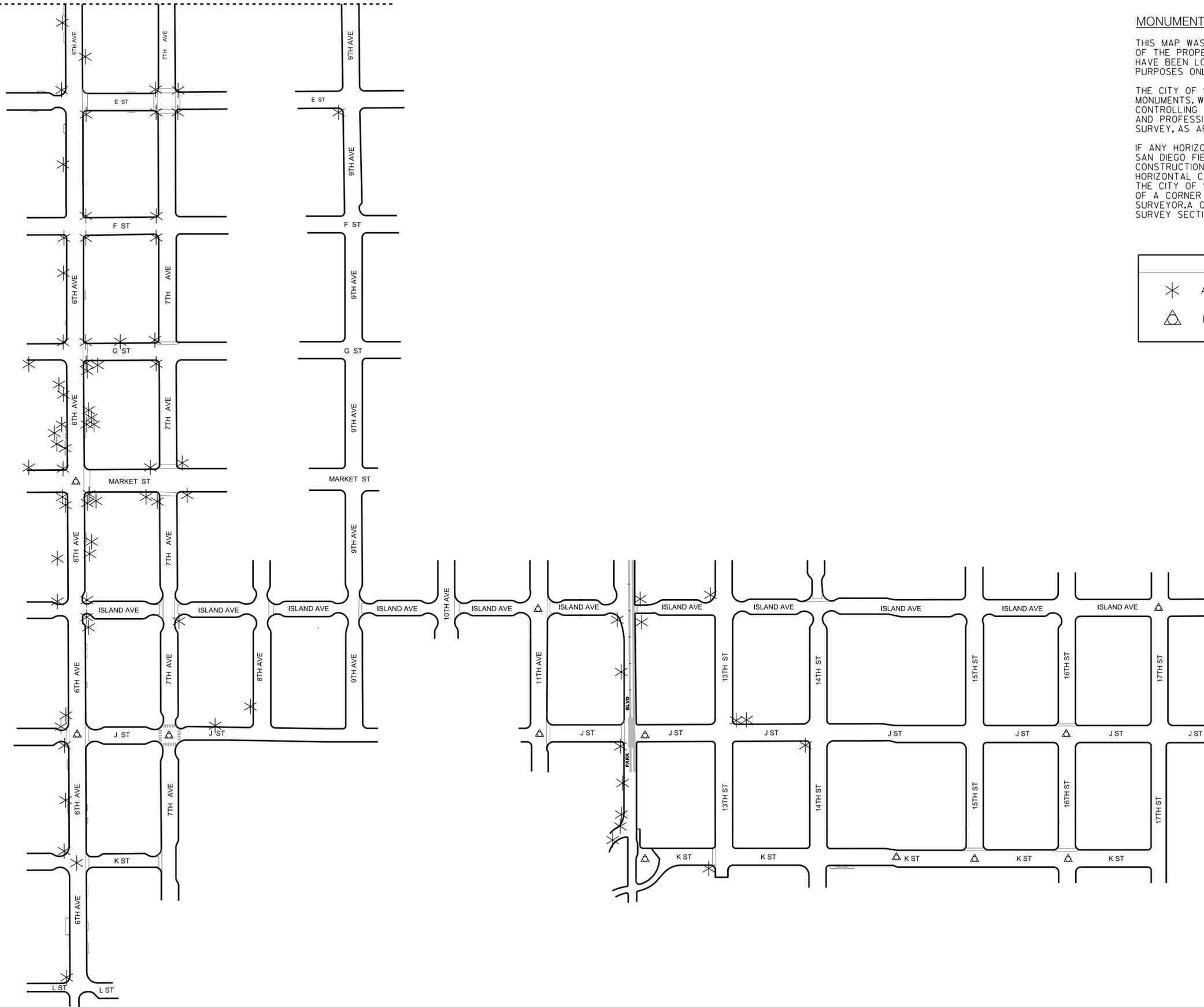
**DOWNTOWN COMPLETE STREETS  
IMPLEMENTATION  
SURVEY MONUMENT SHEET  
(1 OF 3)**



WBS #  
B-17056

SEE MAP

MATCHLINE - SEE SHEET I



**MONUMENTATION/SURVEY NOTES:**

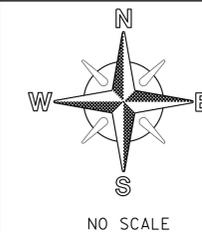
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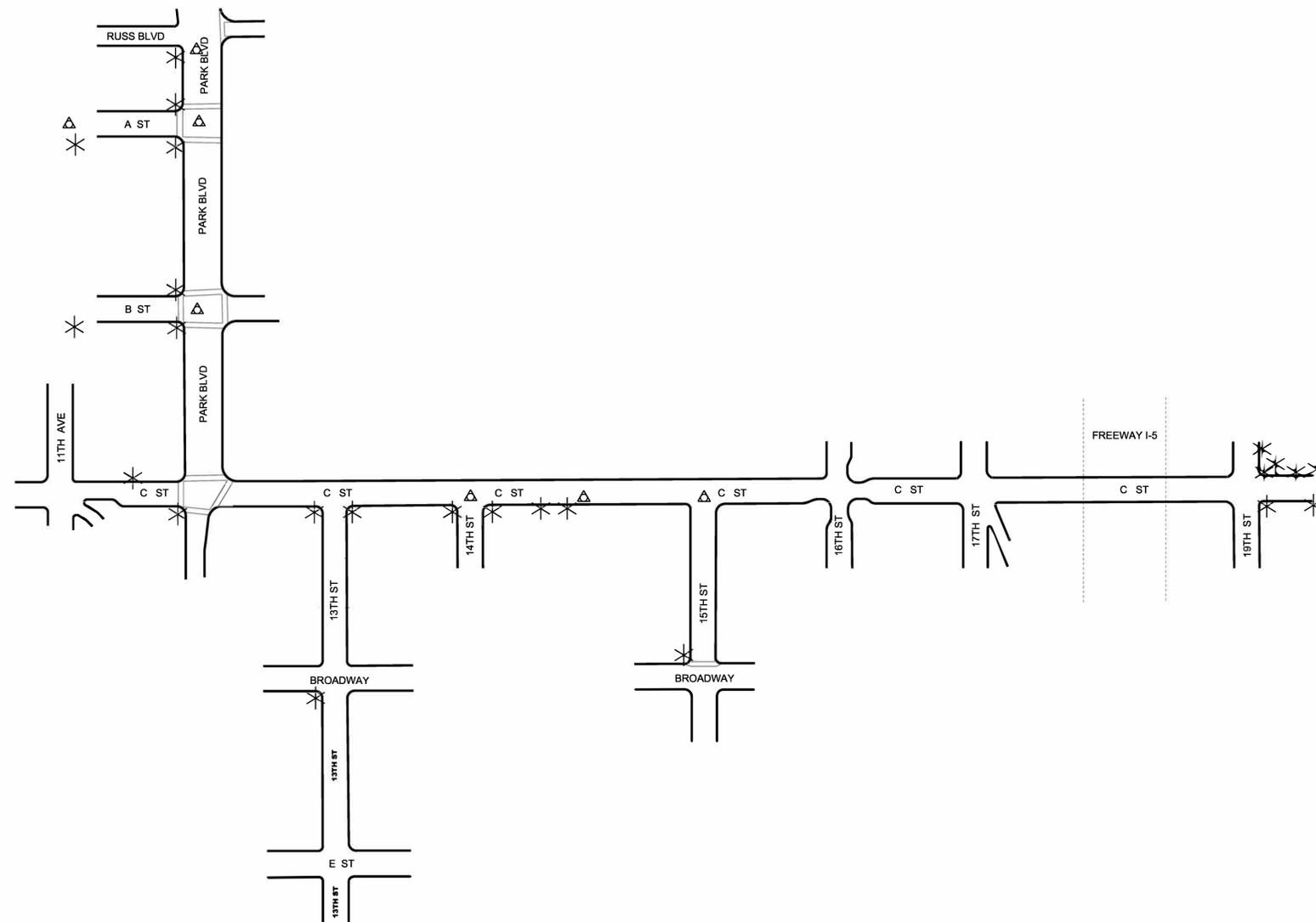
LEGEND	
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△	LOCATION OF EXISTING SURVEY M-10

DOWNTOWN COMPLETE STREETS  
IMPLEMENTATION  
SURVEY MONUMENT SHEET  
(2 OF 3)



WBS #  
B-17056

SEE MAP



**MONUMENTATION SURVEY NOTES:**

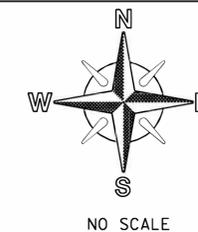
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	LOCATION OF EXISTING SURVEY M-10

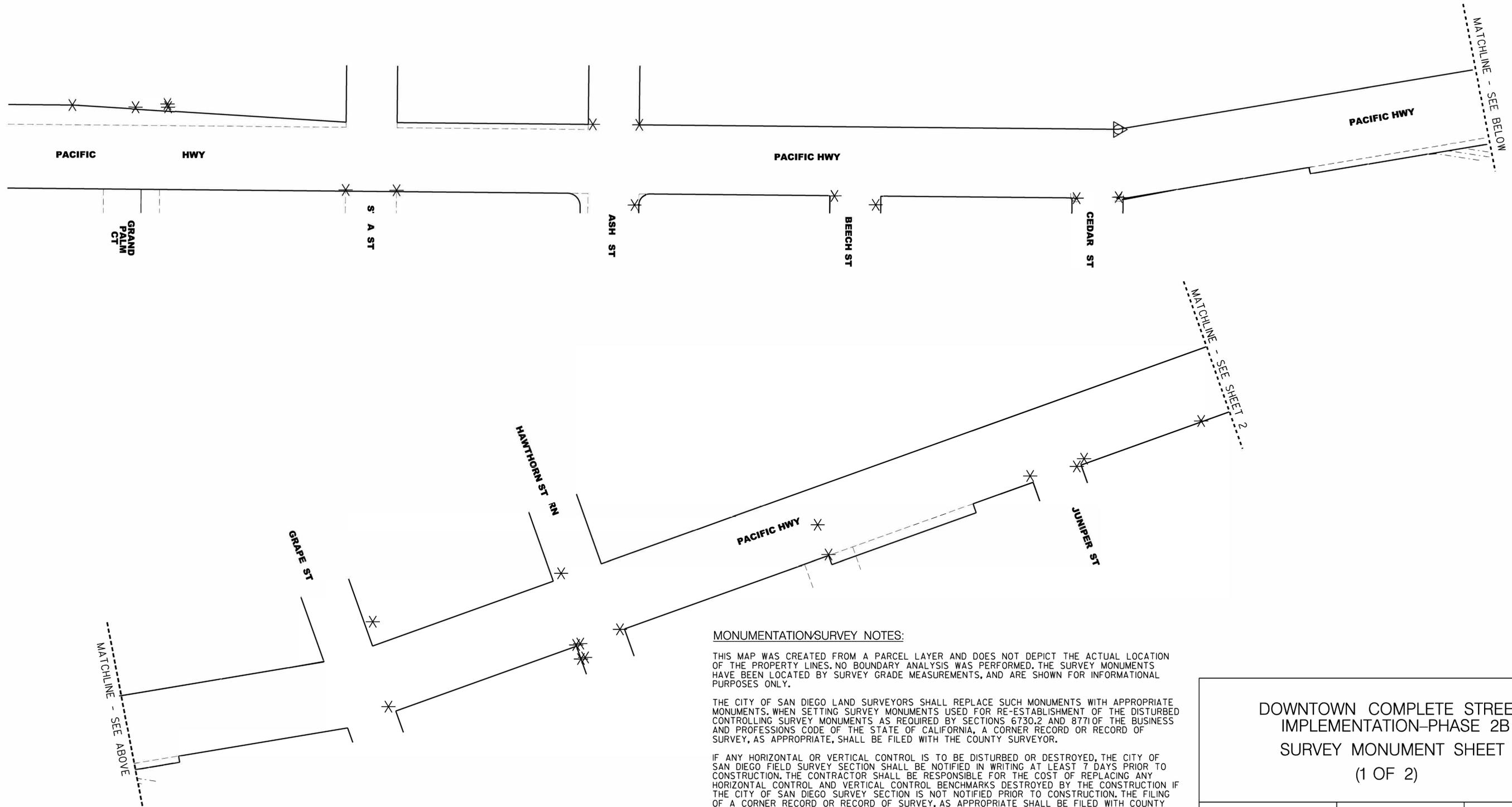
**DOWNTOWN COMPLETE STREETS  
IMPLEMENTATION  
SURVEY MONUMENT SHEET  
(3 OF 3)**



WBS #  
B-17056

SEE MAP

# PACIFIC HIGHWAY



**MONUMENTATION SURVEY NOTES:**

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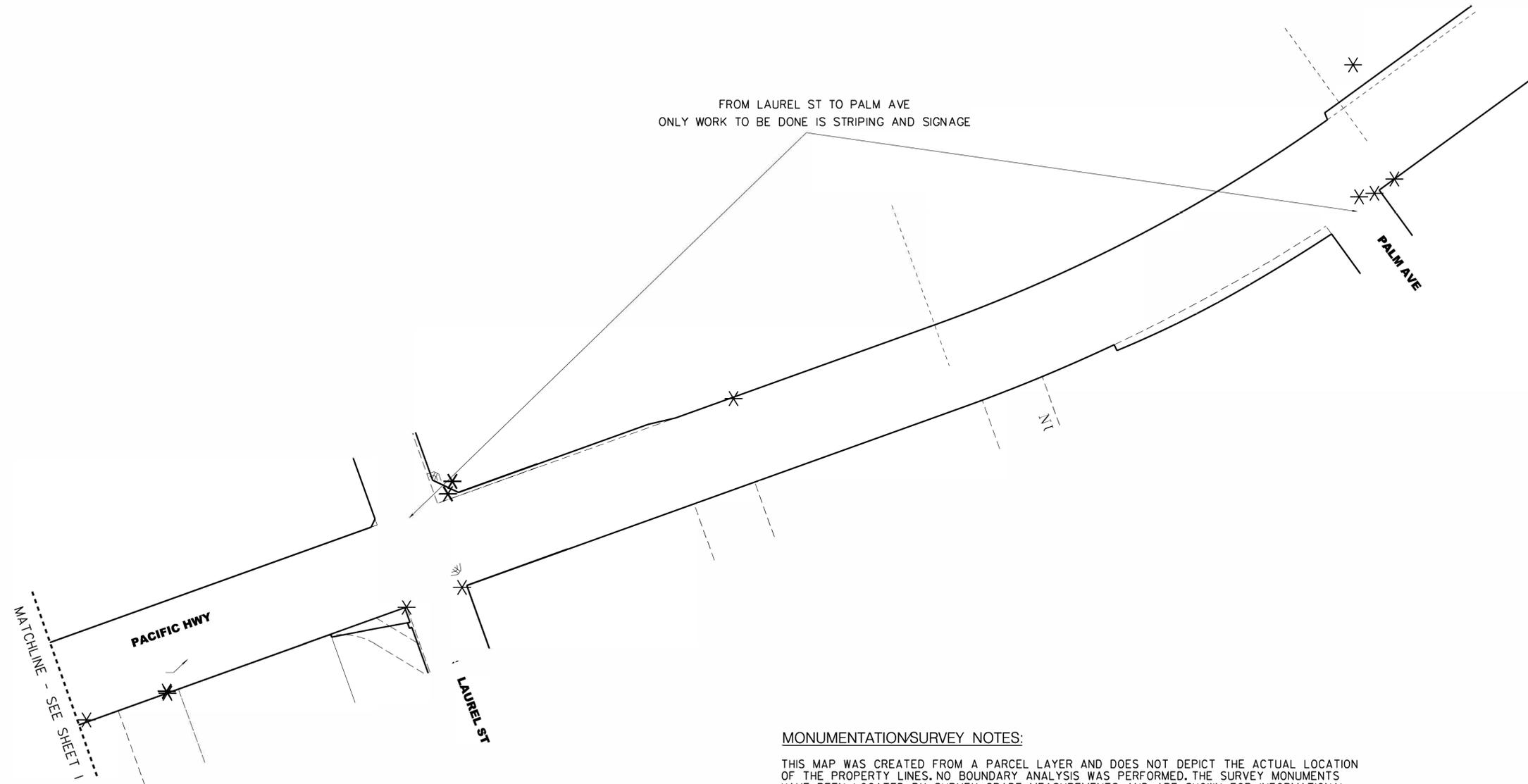
LEGEND	
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	LOCATION OF EXISTING SURVEY M-10

**DOWNTOWN COMPLETE STREETS  
IMPLEMENTATION-PHASE 2B  
SURVEY MONUMENT SHEET  
(1 OF 2)**

 NO SCALE	<b>WBS # B-19143</b>	<b>SEE MAP</b>
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# PACIFIC HIGHWAY



**MONUMENTATIONSURVEY NOTES:**

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**DOWNTOWN COMPLETE STREETS  
IMPLEMENTATION-PHASE 2B  
SURVEY MONUMENT SHEET  
(2 OF 2)**

	<p><b>WBS # B-19143</b></p>	<p><b>SEE MAP</b></p>
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pw: \\CSDSDCTPWISE01.AD.SANNET.GOV:ProjectWise\Documents\Engineering and Capital Projects\Surveys\FE-Surveys-Archive\STREETS\B17056 DOWNTOWN MOBILITY CYCLE WAY\B17056F\_FD PTS & ROW.dgn  
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**ATTACHMENT F**  
**RESERVED**

**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 **Downtown Complete Streets Implementation Phase 2B**; Bid No. **K-20-1922-DBB-3**; in the amount of Two Million Two Hundred Thirteen Thousand Nine Dollars and Twenty Cents (\$2,213,009.20) 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 **Downtown Complete Streets Implementation Phase 2B**, on file in the office of the Public Works Department as Document No. **B-19143, B-18083**, 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 **Downtown Complete Streets Implementation Phase 2B**, Bid Number **K-20-1922-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 and is approved by the City Attorney in accordance with San Diego Charter Section 40.

**CONTRACT AGREEMENT (continued)**

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

**THE CITY OF SAN DIEGO**

**APPROVED AS TO FORM**

Mara W. Elliott, City Attorney

By 

By 

Print Name: Stephen Samara  
Principal Contract Specialist  
Public Works Department

Print Name: Ryan P. Gerrity  
Deputy City Attorney

Date: 7/31/2020

Date: 8/05/2020

**CONTRACTOR**

By 

Print Name: JASON A. MORDHORST, PRESIDENT

Title: \_\_\_\_\_

Date: 5/7/2020

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 5-1.3, "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**

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

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the Americans With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 5-1.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act", of the project specifications, and that:

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

## **CONTRACTOR CERTIFICATION**

---

### **CONTRACTOR STANDARDS – 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 5-1.4, ("Contractor Standards and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors 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.

## **CONTRACTOR CERTIFICATION**

---

### **EQUAL PAY ORDINANCE CERTIFICATION**

Contractor shall comply with the Equal Pay Ordinance (EPO) codified in the San Diego Municipal Code (SDMC) at section 22.4801 through 22.4809, unless compliance is not required based on an exception listed in SDMC section 22.4804.

Contractor shall require all of its subcontractors to certify compliance with the EPO in their written subcontracts.

Contractor must post a notice informing its employees of their rights under the EPO in the workplace or job site.

By signing this Contract with the City of San Diego, Contractor acknowledges the EPO requirements and pledges ongoing compliance with the requirements of SDMC Division 48, section 22.4801 et seq., throughout the duration of this Contract.

**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:

**Downtown Complete Streets Implementation Phase 2B**

(Project Title)

as particularly described in said contract and identified as Bid No. **K-20-1922-DBB-3**; SAP No. (WBS) **B-19143 & B-18083**; 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  
CONSTRUCTION MANAGEMENT AND FIELD SERVICES**

**NOTICE OF MATERIALS TO BE USED**

To: \_\_\_\_\_  
Resident Engineer

Date: \_\_\_\_\_, 20\_\_\_\_

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.

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

It is requested that you arrange for a sampling, testing, and inspection of the materials prior to delivery, in accordance with Section 4 - CONTROL OF MATERIALS 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 - Section 3-2, "SELF-PERFORMANCE", 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 CERTIFIED②	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 <sup>①</sup>	WHERE CERTIFIED <sup>②</sup>
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**
- C. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- D. DEBARMENT AND SUSPENSION CERTIFICATION (PRIME CONTRACTOR)**
- E. DEBARMENT AND SUSPENSION CERTIFICATION (SUBCONTRACTORS/SUPPLIERS/MANUFACTURERS)**

**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

Downtown Complete Streets Implementation Phase 2B

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 25<sup>th</sup> day of March, 2020

**HAZARD CONSTRUCTION COMPANY**  
\_\_\_\_\_  
(Principal) (SEAL)

**Nationwide Mutual  
Insurance Company** (SEAL)  
\_\_\_\_\_  
(Surety)

By: \_\_\_\_\_  
(Signature)

**JASON A. MÖRDHORST, PRESIDENT**

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

By: \_\_\_\_\_  
(Signature)

**KYLE KING  
ATTORNEY-IN-FACT**

## 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 March 25, 2020 before me, Apryle 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.

  
\_\_\_\_\_  
NOTARY PUBLIC SIGNATURE (SEAL)



## 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 March 25, 2020 before me, Apryle 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.

 (SEAL)  
NOTARY PUBLIC SIGNATURE



## 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, Geoffrey Shelton

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:

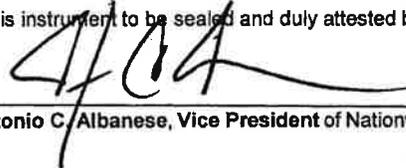
"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, 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 1<sup>st</sup> day of May, 2017.

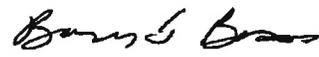
  
\_\_\_\_\_  
Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

### ACKNOWLEDGMENT

STATE OF NEW YORK, COUNTY OF NEW YORK: ss

On this 1<sup>st</sup> 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.

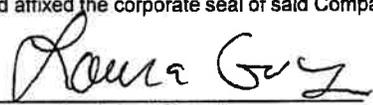
BARRY T. BASSIS  
Notary Public, State of New York  
No. 02BA4656400  
Qualified in New York County  
Commission Expires April 30, 2019

  
\_\_\_\_\_  
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 March, 2020.

  
\_\_\_\_\_  
Assistant Secretary

**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
		<i>See Attached</i>			

Contractor Name: **HAZARD CONSTRUCTION COMPANY**

Certified By **JASON A. MORDHORST, PRESIDENT** Title \_\_\_\_\_

Name  
  
 Signature

Date *3/24/2020*

**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.

## Mandatory Disclosure of Business Interests Form

### BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
<b>HAZARD CONSTRUCTION COMPANY</b>			
Street Address	City	State	Zip
10529 Vine Street Lakeside, CA			92040
Contact Person, Title	Phone	Fax	
JASON A. MORDHORST, PRESIDENT	858-587-3600	858-453-6034	

Provide the name, identity, and precise nature of the interest\* of all persons who are directly or indirectly involved\*\* in this proposed transaction (SDMC § 21.0103).

\* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction,
- the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and
- any philanthropic, scientific, artistic, or property interest in the transaction.

\*\* Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City, or
- directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
City and State of Residence	Employer (if different than Bidder/Proposer)
Interest in the transaction	
See Attached	

Name	Title/Position
City and State of Residence	Employer (if different than Bidder/Proposer)
Interest in the transaction	

### \* Use Additional Pages if Necessary \*

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for contract termination.

**JASON A. MORDHORST, PRESIDENT**

Print Name, Title

Signature

Date

3/24/2020

**Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.**

**Hazard Construction  
City of San Diego - Bidding Documents  
Responses for Mandatory Disclosure of Business Interests Form**

<b>Senior Management Team</b>	<b>Title</b>	<b>Ownership % Interest</b>
Jason A. Mordhorst	President	63.16%
William S. Rogers	Executive Vice President	0.00%
Mark P. Thunder	Vice President of Operations	5.26%
Emmanuel C. Gavino	Chief Financial Officer/Secretary	31.58%
		<b>100.00%</b>

**Value of financial interest in the proposed transaction:**

Hazard Construction has 100% financial interest in the bid proposal.

**Contingent interest in the transaction and the value of such interest should the contingency be satisfied:**

Hazard Construction has no contingent interest other than the bid proposal.

**Any philanthropic, scientific, artistic, or property interest in the transaction:**

Not applicable

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

State of California  
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 25th  
day of March, 2020, by Jason A. Mordhorst

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



(Seal)

Signature

*Apryle Briede*





10529 Vine Street  
Lakeside, CA 92040  
Phone (858) 587-3600  
Fax (858) 453-6034  
License No. 750542 A/C31  
DIR No. 1000022121  
hazardconstruction.com

## Principals

Jason A. Mordhorst  
W.S. Rogers  
Mark Thunder  
Emmanuel Gavino

President  
Exec. V.P. / Asst. Secretary  
Vice President of Operations  
Treasurer / Secretary

**DEBARMENT AND SUSPENSION CERTIFICATION  
(FOR SUBCONTRACTORS/SUPPLIERS/MANUFACTURERS)**

Names of the Principal individual owner(s)

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 Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer**:

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

NAME	TITLE
PayNECO Specialties, Inc.	Rebecca Lewellyn - President

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

NAME	TITLE
Pavement Recycling Systems, Inc	Stephen Concannon - President

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

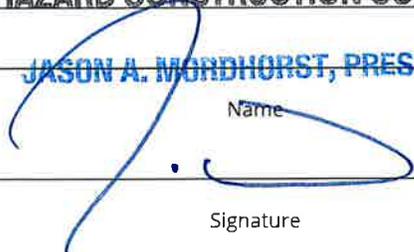
NAME	TITLE
<del>Crest Equipment</del>	<del>Wendi Betio - President</del>

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

NAME	TITLE
All American Asphalt	ED Carlson - Vice President

Contractor Name: HAZARD CONSTRUCTION COMPANY

Certified By JASON A. MONDHORST, PRESIDENT Title \_\_\_\_\_

Name  
  
 Signature

Date 3/24/2020

**\*USE ADDITIONAL FORMS AS NECESSARY\*\***

**DEBARMENT AND SUSPENSION CERTIFICATION  
(FOR SUBCONTRACTORS/SUPPLIERS/MANUFACTURERS)**

Names of the Principal individual owner(s)

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 Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor**, **supplier**, and/or **manufacturer**:

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

NAME	TITLE
Southwest Traffic Signal Service	Ryan T. Clark - President

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

NAME	TITLE
Alvarez & Shaw	David R. Shaw - CFO Chase E. Alvarez - CEO

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

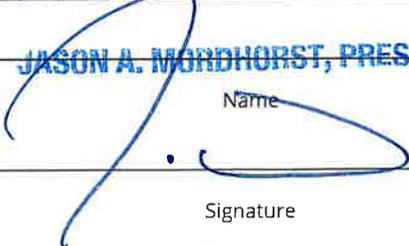
NAME	TITLE
<del>EBS, Inc.</del>	<del>Thomas Nanci - President</del>

SUBCONTRACTOR                       SUPPLIER                       MANUFACTURER

NAME	TITLE

Contractor Name: HAZARD CONSTRUCTION COMPANY

Certified By JASON A. MONDHORST, PRESIDENT Title \_\_\_\_\_

  
 Name \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Date 3/24/2020

**\*USE ADDITIONAL FORMS AS NECESSARY\*\***

**Bid Results**

**Bidder Details**

**Vendor Name** Hazard Construction Company  
**Address** 10529 Vine Street  
 Lakeside, CA 92040  
 United States  
**Respondee** Jason A. Mordhorst  
**Respondee Title** President  
**Phone** 858-587-3600 Ext. 112  
**Email** jmordhorst@hazardcon.com  
**Vendor Type** CAU,MALE,CADIR,PQUAL,Local  
**License #** 750542  
**CADIR** 1000022121

**Bid Detail**

**Bid Format** Electronic  
**Submitted** March 25, 2020 1:32:09 PM (Pacific)  
**Delivery Method**  
**Bid Responsive**  
**Bid Status** Submitted  
**Confirmation #** 206024  
**Ranking** 0

**Respondee Comment**

**Buyer Comment**

**Attachments**

File Title	File Name	File Type
Contractors certification of pending action	Contractors Cert of Pending Action.pdf	Contractor's Certification of Pending Actions
Mandatory disclosure of business interest	Mandatory Disclosure of Business Interest.pdf	Mandatory Disclosure of Business Interests
Debarment and Suspension Prime	Debarment and Suspension Prime.pdf	Debarment and Suspension Certification (Prime Contractor)
Debarment and Suspension Subs	Debarment and Suspension Subs.pdf	Debarment and Suspension Certification (Subcontractors/Suppliers/Manufacturers)
Bid Bond	Bid Bond.pdf	Bid Bond

**Line Items**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
<b>Main Bid Downtown Complete Streets Implementation - Phase 2B (WBS# B-19143.06.02)</b>						
1	Bonds (Payment and Performance)					
	524126	LS	1	\$15,000.00	\$15,000.00	
2	Exclusive Community Liaison Services					
	541820	LS	1	\$15,000.00	\$15,000.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
3	New Sign					
	238990	EA	15	\$150.00	\$2,250.00	
4	New Sign and Post					
	238990	EA	12	\$250.00	\$3,000.00	
5	Mobilization					
	237310	LS	1	\$50,000.00	\$50,000.00	
6	Field Orders - (EOC) Type II					
		AL	1	\$150,000.00	\$150,000.00	
7	Excavate and Export (Unclassified)					
	237310	CY	270	\$75.00	\$20,250.00	
8	Asphalt Pavement Repair					
	237310	TON	175	\$100.00	\$17,500.00	
9	Class II Aggregate Base					
	237310	TON	350	\$50.00	\$17,500.00	
10	Asphalt Concrete Overlay (3 Inch)					
	237310	TON	6810	\$95.00	\$646,950.00	
11	Asphalt Concrete Overlay (4 Inch)					
	237310	TON	175	\$95.00	\$16,625.00	
12	Concrete Pavement (7 Inch thick)					
	237310	CY	3	\$1,500.00	\$4,500.00	
13	Pavement Fabric					
	237310	SY	51496	\$2.50	\$128,740.00	
14	Asphalt Concrete ½ Inch Leveling Course					
	237310	TON	100	\$115.00	\$11,500.00	
15	Additional Sidewalk					
	237310	SF	500	\$10.00	\$5,000.00	
16	Curb Ramp Type A with Stainless Steel Detectable Warning Tiles					
	237310	EA	7	\$5,000.00	\$35,000.00	
17	Curb Ramp Type B with Stainless Steel Detectable Warning Tiles					
	237310	EA	5	\$5,150.00	\$25,750.00	
18	Curb Ramp Type C1 with Stainless Steel Detectable Warning Tiles					
	237310	EA	1	\$6,000.00	\$6,000.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
19	Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles					
	237310	EA	1	\$6,000.00	\$6,000.00	
20	Concrete Driveway (Contiguous)					
	237310	SF	400	\$15.00	\$6,000.00	
21	Historical and Contractor Date Stamps and Impressions					
	237310	EA	2	\$200.00	\$400.00	
22	Cross Gutter					
	237310	SF	1125	\$25.00	\$28,125.00	
23	Median Curb and Gutter (Type B-1)					
	237310	LF	25	\$50.00	\$1,250.00	
24	Additional Curb and Gutter Removal and Replacement					
	237310	LF	75	\$60.00	\$4,500.00	
25	Removal of Traffic Striping and Curb Markings					
	237310	LF	389	\$4.00	\$1,556.00	
26	Painted Traffic Stripes and Painted Curb Markings					
	237310	LF	27467	\$0.35	\$9,613.45	
27	Painted Pavement Markings					
	237310	SF	315	\$2.00	\$630.00	
28	Green Paint Treatment					
	237310	SF	6524	\$1.00	\$6,524.00	
29	Parking Space Marking					
	237310	EA	64	\$15.00	\$960.00	
30	Angled Parking Stall Markings					
	237310	LF	286	\$1.00	\$286.00	
31	Thermoplastic Traffic Striping					
	237310	LF	2905	\$2.50	\$7,262.50	
32	Continental Crosswalks					
	237310	SF	9056	\$2.50	\$22,640.00	
33	Thermoplastic Pavement Markings					
	237310	SF	522	\$3.00	\$1,566.00	
34	Retroreflective Pavement Marker					
	237310	EA	764	\$3.00	\$2,292.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
35	Adjust Existing Gate Valve Frame and Cover to Grade					
	237310	EA	42	\$130.00	\$5,460.00	
36	Adjust Existing Manhole Frame & Cover to Grade					
	237310	EA	54	\$280.00	\$15,120.00	
37	Adjust Existing Survey Monument to Grade					
	237310	EA	1	\$1,000.00	\$1,000.00	
38	Cold Mill AC Pavement (3 Inch )					
	237310	SF	204600	\$0.50	\$102,300.00	
39	Cold Milling of Additional Composite Pavements (3.5 Inch)					
	237310	SF	6750	\$0.50	\$3,375.00	
40	Cold Milling of Additional Asphalt Concrete with Pavement Fabric Material (3 Inch)					
	237310	SF	136950	\$0.75	\$102,712.50	
41	Cold Mill of Additional Composite Pavement and Pavement Fabric (3.5 Inch)					
	237310	SF	30000	\$1.00	\$30,000.00	
42	Traffic Detector Loop and Appurtenance (Type E)					
	237310	EA	82	\$475.00	\$38,950.00	
43	Traffic Detector Loop and Appurtenance (Type E Modified )					
	237310	EA	6	\$500.00	\$3,000.00	
44	Flexible Delineators					
	237310	EA	205	\$150.00	\$30,750.00	
45	Traffic Control and Engineered Traffic Control Drawings					
	237310	LS	1	\$130,000.00	\$130,000.00	
46	Pedestrian Barricade (Type A)					
	237310	EA	2	\$250.00	\$500.00	
47	Adjust Existing Electrical Pull Box Frame and Cover to Grade					
	238210	EA	10	\$200.00	\$2,000.00	
48	Pedestrian Push Button, Post and Foundation					
	238210	EA	8	\$2,000.00	\$16,000.00	
49	Pedestrian Pushbutton Assembly					
	238210	EA	44	\$250.00	\$11,000.00	
50	WPCP Development					
	541330	LS	1	\$500.00	\$500.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
51	WPCP Implementation					
	237310	LS	1	\$30,000.00	\$30,000.00	
				<b>Subtotal</b>	<b>\$1,792,837.45</b>	
<b>Main Bid Center City Traffic Signals (WBS# B-19143.06.02)</b>						
52	Bonds (Payment and Performance)					
	524126	LS	1	\$5,000.00	\$5,000.00	
53	Mobilization					
	237310	LS	1	\$10,000.00	\$10,000.00	
54	Field Orders - (EOC) Type II					
		AL	1	\$20,000.00	\$20,000.00	
55	Class II Aggregate Base					
	237310	TON	130	\$30.00	\$3,900.00	
56	Asphalt Concrete Overlay (6 Inch)					
	237310	TON	169	\$100.00	\$16,900.00	
57	Pavement Fabric					
	237310	SY	518	\$2.50	\$1,295.00	
58	Traffic Median Removal and Repair					
	238210	LS	1	\$15,000.00	\$15,000.00	
59	Concrete Raised Median					
	237310	SF	1920	\$10.00	\$19,200.00	
60	Median Curb and Gutter (Type B-1)					
	237310	LF	255	\$45.00	\$11,475.00	
61	Additional Sidewalk					
	237310	SF	15	\$30.00	\$450.00	
62	Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles					
	237310	EA	2	\$5,000.00	\$10,000.00	
63	Removal of Traffic Striping and Curb Markings					
	237310	LF	24	\$4.00	\$96.00	
64	Removal of Pavement Markings					
	237310	SF	70	\$4.00	\$280.00	
65	Painted Traffic Stripes and Painted Curb Markings					
	237310	LF	555	\$0.35	\$194.25	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
66	Green Paint Treatment					
	237310	SF	924	\$1.00	\$924.00	
67	Thermoplastic Traffic Striping					
	237310	LF	5115	\$2.50	\$12,787.50	
68	Continental Crosswalks					
	237310	SF	920	\$2.50	\$2,300.00	
69	Thermoplastic Pavement Markings					
	237310	SF	145	\$3.00	\$435.00	
70	Retroreflective Pavement Marker					
	237310	EA	26	\$2.50	\$65.00	
71	Tree Removal and Disposal					
	238910	EA	1	\$1,000.00	\$1,000.00	
72	Adjust Existing Manhole Frame and Cover to Grade					
	237310	EA	1	\$1,000.00	\$1,000.00	
73	Flexible Delineators					
	237310	EA	11	\$150.00	\$1,650.00	
74	Traffic Control and Engineered Traffic Control Drawings					
	237310	LS	1	\$40,000.00	\$40,000.00	
75	Install Traffic Sign on Post					
	238210	EA	3	\$150.00	\$450.00	
76	Remove Existing Street Light					
	238210	EA	2	\$1,500.00	\$3,000.00	
77	Remove Existing Pedestrian Barricade with Sign					
	238210	EA	1	\$750.00	\$750.00	
78	Removal of Existing Sign and Post					
	238990	EA	7	\$400.00	\$2,800.00	
79	Remove and Relocate Existing Electrical Device					
	238210	EA	1	\$2,000.00	\$2,000.00	
80	Remove and Relocate Existing Regulatory Sign					
	238210	EA	1	\$250.00	\$250.00	
81	Type Z-INT - 4000K LED Luminaire with Adaptive Control					
	238210	EA	4	\$1,200.00	\$4,800.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
82	Install Conduit into Exist. Pull Box (CB)					
	238210	EA	1	\$750.00	\$750.00	
83	Type 19-4-100 Pole and Foundation with 25' Signal Mast Arm					
	238210	EA	1	\$28,000.00	\$28,000.00	
84	Type 26-4-100 Pole and Foundation with 45' Signal Mast Arm					
	238210	EA	1	\$29,000.00	\$29,000.00	
85	Type 17-2-100 Pole and Foundation with 15' Signal Mast Arm					
	238210	EA	1	\$22,000.00	\$22,000.00	
86	Pedestrian Push Button Pole and Spread Footing					
	238210	EA	1	\$1,600.00	\$1,600.00	
87	Type 15TS Street Light Pole and Foundation					
	238210	EA	1	\$8,500.00	\$8,500.00	
88	12" SV-1-T Vehicular Signal (3-Section Head) with Frame					
	238210	EA	4	\$900.00	\$3,600.00	
89	12" MAS Vehicular Signal (3-Section Head) with Frame					
	238210	EA	6	\$700.00	\$4,200.00	
90	SP-1-T Pedestrian Signal with Frame					
	238210	EA	2	\$800.00	\$1,600.00	
91	SP-2-T Pedestrian Signal with Frame					
	238210	EA	2	\$1,100.00	\$2,200.00	
92	Sign Mounted on Signal Mast Arm					
	238210	EA	5	\$400.00	\$2,000.00	
93	Sign Mounted on Pole					
	238210	EA	4	\$300.00	\$1,200.00	
94	2 Inch PVC Conduit in AC Pavement Per City Standards					
	238210	LF	70	\$40.00	\$2,800.00	
95	3 Inch PVC Conduit in AC Pavement Per SDG&E Standards					
	238210	LF	220	\$40.00	\$8,800.00	
96	3 Inch PVC Conduit in AC Pavement Per City Standards					
	238210	LF	320	\$40.00	\$12,800.00	
97	Two 3 Inch PVC Conduits in Same Trench in AC pavement Per City Standards					
	238210	LF	200	\$12.00	\$2,400.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
98	# 6 Pull Box					
	238210	EA	4	\$600.00	\$2,400.00	
99	# 3-1/2 Pull Box					
	238210	EA	1	\$400.00	\$400.00	
100	# 5 Pull Box					
	238210	EA	6	\$500.00	\$3,000.00	
101	SDG&E 3309 Handhole					
	238210	EA	1	\$700.00	\$700.00	
102	Type III Meter Pedestal with Foundation					
	238210	EA	1	\$6,000.00	\$6,000.00	
103	Type 332L Cabinet and Foundation with 170E Controller Assembly					
	238210	EA	1	\$25,000.00	\$25,000.00	
104	Polara Navigator Accessible Pedestrian Signal System with 8 Stations					
	238210	EA	1	\$15,000.00	\$15,000.00	
105	Emergency Vehicle Preemption System for 3-leg Intersection					
	238210	EA	1	\$11,000.00	\$11,000.00	
106	Traffic Signal Loop and Appurtenance (Type E/Type E MOD)					
	237310	EA	21	\$500.00	\$10,500.00	
107	Traffic Signal Loop and Appurtenance (Type Q)					
	237310	EA	2	\$1,000.00	\$2,000.00	
108	3-Conductor Cable					
	238210	LF	520	\$2.00	\$1,040.00	
109	12-Conductor Cable					
	238210	LF	440	\$3.00	\$1,320.00	
110	#6 Conductor Cable					
	238210	LF	10	\$30.00	\$300.00	
111	#8 Conductor Cable					
	238210	LF	260	\$2.00	\$520.00	
112	#10 Conductor Cable					
	238210	LF	520	\$2.00	\$1,040.00	
113	CCTV Camera system					
	238210	EA	1	\$10,000.00	\$10,000.00	

**Bid Results**

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
114	WPCP Development					
	541330	LS	1	\$500.00	\$500.00	
115	WPCP Implementation					
	237310	LS	1	\$10,000.00	\$10,000.00	
<b>Subtotal</b>					<b>\$420,171.75</b>	
<b>Total</b>					<b>\$2,213,009.20</b>	

**Subcontractors**

Name & Address	Description	License Num	CADIR	Amount	Type
<b>Pavement Recycling Systems, Inc.</b> 10240 San Sevaine Way Jurupa Valley, CA 91752 United States	Cold Plane AC - CONSTRUCTOR	569352	1000003363	\$190,885.00	PQUAL
<b>Payneco Specialties Inc</b> 120 North Second Ave Chula Vista, CA 91910 United States	Striping and Markings - CONSTRUCTOR - SLBE	298637	1000003515	\$106,331.00	CADIR,CAU,DBE,F EM,SDB,SLBE,WBE ,WOSB
<b>All American Asphalt</b> PO Box 2229 Corona, CA 92878 United States	Furnish & Install Fabric - CONSTRUCTOR	267073	1000001051	\$129,515.00	CAU,MALE,CADIR
<b>Southwest Traffic Signal Service, Inc.</b> 9201 Isaac St Suite A Santee, CA 92071 United States	Electrical and Signals - CONSTRUCTOR - SLBE	451115	1000004265	\$290,920.00	PQUAL,DVBE
<b>Alvarez And Shaw, Inc</b> 10001 Maine Ave Lakeside, CA 92040 United States	PCC Flatwork - CONSTRUCTOR - ELBE	986171	1000052129	\$142,763.00	CADIR,DBE,ELBE,L AT,MALE,MBE,SDB

Line Totals (Unit Price * Quantity)								
Item Num	Section	Item Code	Description	Reference	Unit of Measure	Quantity	Hazard Construction Company - Unit Price	Hazard Construction Company - Line Total
1	Main Bid Downtown Complete Streets Implementation - Phase 2B (WBS# B-19143.06.02)	524126	Bonds (Payment and Performance)	1-7.2.1	LS	1	\$15,000.00	\$15,000.00
2	Main Bid Downtown Complete Streets Implementation - Phase 2B (WBS# B-19143.06.02)	541820	Exclusive Community Liaison Services	5-10.4	LS	1	\$15,000.00	\$15,000.00
3	Main Bid Downtown Complete Streets Implementation - Phase 2B (WBS# B-19143.06.02)	238990	New Sign	7-3.1	EA	15	\$150.00	\$2,250.00

4	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	238990	New Sign and Post	<b>7-3.1</b>	EA	12	\$250.00	\$3,000.00
5	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Mobilization	<b>7-3.4.1</b>	LS	1	\$50,000.00	\$50,000.00
6	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)		Field Orders - (EOC) Type II	<b>7-3.9</b>	AL	1	\$150,000.00	\$150,000.00
7	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Excavate and Export (Unclassified)	<b>300-2.9</b>	CY	270	\$75.00	\$20,250.00

8	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Asphalt Pavement Repair	<b>301-1.7</b>	TON	175	\$100.00	\$17,500.00
9	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Class II Aggregate Base	<b>301-2.4</b>	TON	350	\$50.00	\$17,500.00
10	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Asphalt Concrete Overlay (3 Inch)	<b>302-5.9</b>	TON	6810	\$95.00	\$646,950.00
11	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Asphalt Concrete Overlay (4 Inch)	<b>302-5.9</b>	TON	175	\$95.00	\$16,625.00

12	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Concrete Pavement (7 Inch thick)	<b>302-6.8</b>	CY	3	\$1,500.00	\$4,500.00
13	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Pavement Fabric	<b>302-7.4</b>	SY	51496	\$2.50	\$128,740.00
14	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Asphalt Concrete ½ Inch Leveling Course	<b>302-7.4</b>	TON	100	\$115.00	\$11,500.00
15	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Additional Sidewalk	<b>303-5.10.2</b>	SF	500	\$10.00	\$5,000.00

16	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Curb Ramp Type A with Stainless Steel Detectable Warning Tiles	<b>303-5.10.2</b>	EA	7	\$5,000.00	\$35,000.00
17	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Curb Ramp Type B with Stainless Steel Detectable Warning Tiles	<b>303-5.10.2</b>	EA	5	\$5,150.00	\$25,750.00
18	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Curb Ramp Type C1 with Stainless Steel Detectable Warning Tiles	<b>303-5.10.2</b>	EA	1	\$6,000.00	\$6,000.00
19	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Curb Ramp Type C2 with Stainless Steel Detectable Warning Tiles	<b>303-5.10.2</b>	EA	1	\$6,000.00	\$6,000.00

20	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Concrete Driveway (Contiguous)	<b>303-5.9</b>	SF	400	\$15.00	\$6,000.00
21	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Historical and Contractor Date Stamps and Impressions	<b>303-5.9</b>	EA	2	\$200.00	\$400.00
22	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Cross Gutter	<b>303-5.9</b>	SF	1125	\$25.00	\$28,125.00
23	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Median Curb and Gutter (Type B-1)	<b>303-5.9</b>	LF	25	\$50.00	\$1,250.00

24	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Additional Curb and Gutter Removal and Replacement	<b>303-5.9</b>	LF	75	\$60.00	\$4,500.00
25	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Removal of Traffic Striping and Curb Markings	<b>314-2.3</b>	LF	389	\$4.00	\$1,556.00
26	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Painted Traffic Stripes and Painted Curb Markings	<b>314-4.3.7</b>	LF	27467	\$0.35	\$9,613.45
27	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Painted Pavement Markings	<b>314-4.3.7</b>	SF	315	\$2.00	\$630.00

28	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Green Paint Treatment	<b>314-4.3.7</b>	SF	6524	\$1.00	\$6,524.00
29	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Parking Space Marking	<b>314-4.3.7</b>	EA	64	\$15.00	\$960.00
30	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Angled Parking Stall Markings	<b>314-4.3.7</b>	LF	286	\$1.00	\$286.00
31	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Thermoplastic Traffic Striping	<b>314-4.4.6</b>	LF	2905	\$2.50	\$7,262.50

32	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Continental Crosswalks	<b>314-4.4.6</b>	SF	9056	\$2.50	\$22,640.00
33	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Thermoplastic Pavement Markings	<b>314-4.4.6</b>	SF	522	\$3.00	\$1,566.00
34	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Retroreflective Pavement Marker	<b>314-5.7</b>	EA	764	\$3.00	\$2,292.00
35	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Adjust Existing Gate Valve Frame and Cover to Grade	<b>403-5</b>	EA	42	\$130.00	\$5,460.00

36	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Adjust Existing Manhole Frame & Cover to Grade	403-5	EA	54	\$280.00	\$15,120.00
37	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Adjust ExistingSurvey Monument to Grade	403-5	EA	1	\$1,000.00	\$1,000.00
38	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Cold Mill AC Pavement (3 Inch )	404-12	SF	204600	\$0.50	\$102,300.00
39	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Cold Milling of Additional Composite Pavements (3.5 Inch)	404-12	SF	6750	\$0.50	\$3,375.00

40	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Cold Milling of Additional Asphalt Concrete with Pavement Fabric Material (3 Inch)	404-12	SF	136950	\$0.75	\$102,712.50
41	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Cold Mill of Additional Composite Pavement and Pavement Fabric (3.5 Inch)	404-12	SF	30000	\$1.00	\$30,000.00
42	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Traffic Detector Loop and Appurtenance (Type E)	404-12	EA	82	\$475.00	\$38,950.00
43	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Traffic Detector Loop and Appurtenance (Type E Modified )	404-12	EA	6	\$500.00	\$3,000.00

44	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Flexible Delineators	<b>601-7</b>	EA	205	\$150.00	\$30,750.00
45	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Traffic Control and Engineered Traffic Control Drawings	<b>601-7</b>	LS	1	\$130,000.00	\$130,000.00
46	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	Pedestrian Barricade (Type A)	<b>701-2</b>	EA	2	\$250.00	\$500.00
47	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	238210	Adjust Existing Electrical Pull Box Frame and Cover to Grade	<b>701-2</b>	EA	10	\$200.00	\$2,000.00

48	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	238210	Pedestrian Push Button, Post and Foundation	<b>701-2</b>	EA	8	\$2,000.00	\$16,000.00
49	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	238210	Pedestrian Pushbutton Assembly	<b>701-2</b>	EA	44	\$250.00	\$11,000.00
50	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	541330	WPCP Development	<b>1001-3.7</b>	LS	1	\$500.00	\$500.00
51	Main Bid Downtown Complete Streets Implementatio n - Phase 2B (WBS# B- 19143.06.02)	237310	WPCP Implementation	<b>1001-3.7</b>	LS	1	\$30,000.00	\$30,000.00
							Subtotal	\$1,792,837.45

52	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	524126	Bonds (Payment and Performance)	<b>1-7.2.1</b>	LS	1	\$5,000.00	\$5,000.00
53	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Mobilization	<b>7-3.4.1</b>	LS	1	\$10,000.00	\$10,000.00
54	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)		Field Orders - (EOC) Type II	<b>7-3.9</b>	AL	1	\$20,000.00	\$20,000.00
55	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Class II Aggregate Base	<b>301-2.4</b>	TON	130	\$30.00	\$3,900.00
56	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Asphalt Concrete Overlay (6 Inch)	<b>302-5.9</b>	TON	169	\$100.00	\$16,900.00
57	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Pavement Fabric	<b>302-7.4</b>	SY	518	\$2.50	\$1,295.00

58	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Traffic Median Removal and Repair	<b>303-6.1.2</b>	LS	1	\$15,000.00	\$15,000.00
59	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Concrete Raised Median	<b>303-6.1.2</b>	SF	1920	\$10.00	\$19,200.00
60	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Median Curb and Gutter (Type B-1)	<b>303-5.9</b>	LF	255	\$45.00	\$11,475.00
61	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Additional Sidewalk	<b>303-5.10.2</b>	SF	15	\$30.00	\$450.00
62	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles	<b>303-5.10.2</b>	EA	2	\$5,000.00	\$10,000.00
63	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Removal of Traffic Striping and Curb Markings	<b>314-2.3</b>	LF	24	\$4.00	\$96.00

64	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Removal of Pavement Markings	<b>314-2.3</b>	SF	70	\$4.00	\$280.00
65	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Painted Traffic Stripes and Painted Curb Markings	<b>314-4.3.7</b>	LF	555	\$0.35	\$194.25
66	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Green Paint Treatment	<b>314-4.3.7</b>	SF	924	\$1.00	\$924.00
67	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Thermoplastic Traffic Striping	<b>314-4.4.6</b>	LF	5115	\$2.50	\$12,787.50
68	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Continental Crosswalks	<b>314-4.4.6</b>	SF	920	\$2.50	\$2,300.00
69	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Thermoplastic Pavement Markings	<b>314-4.4.6</b>	SF	145	\$3.00	\$435.00

70	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Retroreflective Pavement Marker	<b>314-5.7</b>	EA	26	\$2.50	\$65.00
71	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238910	Tree Removal and Disposal	<b>401-7</b>	EA	1	\$1,000.00	\$1,000.00
72	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Adjust Existing Manhole Frame and Cover to Grade	<b>403-5</b>	EA	1	\$1,000.00	\$1,000.00
73	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Flexible Delineators	<b>601-7</b>	EA	11	\$150.00	\$1,650.00
74	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Traffic Control and Engineered Traffic Control Drawings	<b>601-7</b>	LS	1	\$40,000.00	\$40,000.00
75	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Install Traffic Sign on Post	<b>701-2</b>	EA	3	\$150.00	\$450.00

76	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Remove Existing Street Light	<b>701-2</b>	EA	2	\$1,500.00	\$3,000.00
77	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Remove Existing Pedestrian Barricade with Sign	<b>701-2</b>	EA	1	\$750.00	\$750.00
78	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238990	Removal of Existing Sign and Post	<b>701-2</b>	EA	7	\$400.00	\$2,800.00
79	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Remove and Relocate Existing Electrical Device	<b>701-2</b>	EA	1	\$2,000.00	\$2,000.00
80	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Remove and Relocate Existing Regulatory Sign	<b>701-2</b>	EA	1	\$250.00	\$250.00
81	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type Z-INT - 4000K LED Luminaire with Adaptive Control	<b>701-2</b>	EA	4	\$1,200.00	\$4,800.00

82	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Install Conduit into Exist. Pull Box (CB)	<b>701-2</b>	EA	1	\$750.00	\$750.00
83	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type 19-4-100 Pole and Foundation with 25' Signal Mast Arm	<b>701-2</b>	EA	1	\$28,000.00	\$28,000.00
84	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type 26-4-100 Pole and Foundation with 45' Signal Mast Arm	<b>701-2</b>	EA	1	\$29,000.00	\$29,000.00
85	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type 17-2-100 Pole and Foundation with 15' Signal Mast Arm	<b>701-2</b>	EA	1	\$22,000.00	\$22,000.00
86	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Pedestrian Push Button Pole and Spread Footing	<b>701-2</b>	EA	1	\$1,600.00	\$1,600.00
87	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type 15TS Street Light Pole and Foundation	<b>701-2</b>	EA	1	\$8,500.00	\$8,500.00

88	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	12" SV-1-T Vehicular Signal (3-Section Head) with Frame	<b>701-2</b>	EA	4	\$900.00	\$3,600.00
89	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	12" MAS Vehicular Signal (3-Section Head) with Frame	<b>701-2</b>	EA	6	\$700.00	\$4,200.00
90	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	SP-1-T Pedestrian Signal with Frame	<b>701-2</b>	EA	2	\$800.00	\$1,600.00
91	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	SP-2-T Pedestrian Signal with Frame	<b>701-2</b>	EA	2	\$1,100.00	\$2,200.00
92	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Sign Mounted on Signal Mast Arm	<b>701-2</b>	EA	5	\$400.00	\$2,000.00
93	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Sign Mounted on Pole	<b>701-2</b>	EA	4	\$300.00	\$1,200.00

94	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	2 Inch PVC Conduit in AC Pavement Per City Standards	<b>701-2</b>	LF	70	\$40.00	\$2,800.00
95	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	3 Inch PVC Conduit in AC Pavement Per SDG&E Standards	<b>701-2</b>	LF	220	\$40.00	\$8,800.00
96	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	3 Inch PVC Conduit in AC Pavement Per City Standards	<b>701-2</b>	LF	320	\$40.00	\$12,800.00
97	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Two 3 Inch PVC Conduits in Same Trench in AC pavement Per City Standards	<b>701-2</b>	LF	200	\$12.00	\$2,400.00
98	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	# 6 Pull Box	<b>701-2</b>	EA	4	\$600.00	\$2,400.00
99	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	# 3-1/2 Pull Box	<b>701-2</b>	EA	1	\$400.00	\$400.00

100	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	# 5 Pull Box	<b>701-2</b>	EA	6	\$500.00	\$3,000.00
101	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	SDG&E 3309 Handhole	<b>701-2</b>	EA	1	\$700.00	\$700.00
102	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type III Meter Pedestal with Foundation	<b>701-2</b>	EA	1	\$6,000.00	\$6,000.00
103	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Type 332L Cabinet and Foundation with 170E Controller Assembly	<b>701-2</b>	EA	1	\$25,000.00	\$25,000.00
104	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Polara Navigator Accessible Pedestrian Signal System with 8 Stations	<b>701-2</b>	EA	1	\$15,000.00	\$15,000.00
105	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	Emergency Vehicle Preemption System for 3-leg Intersection	<b>701-2</b>	EA	1	\$11,000.00	\$11,000.00

106	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Traffic Signal Loop and Appurtenance (Type E/Type E MOD)	<b>701-2</b>	EA	21	\$500.00	\$10,500.00
107	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	Traffic Signal Loop and Appurtenance (Type Q)	<b>701-2</b>	EA	2	\$1,000.00	\$2,000.00
108	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	3-Conductor Cable	<b>701-2</b>	LF	520	\$2.00	\$1,040.00
109	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	12-Conductor Cable	<b>701-2</b>	LF	440	\$3.00	\$1,320.00
110	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	#6 Conductor Cable	<b>701-2</b>	LF	10	\$30.00	\$300.00
111	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	#8 Conductor Cable	<b>701-2</b>	LF	260	\$2.00	\$520.00

112	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	#10 Conductor Cable	<b>701-2</b>	LF	520	\$2.00	\$1,040.00
113	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	238210	CCTV Camera system	<b>701-2</b>	EA	1	\$10,000.00	\$10,000.00
114	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	541330	WPCP Development	<b>1001-4.2</b>	LS	1	\$500.00	\$500.00
115	Main Bid Center City Traffic Signals (WBS# B- 19143.06.02)	237310	WPCP Implementation	<b>1001-4.2</b>	LS	1	\$10,000.00	\$10,000.00
							Subtotal	\$420,171.75
							Total	\$2,213,009.20