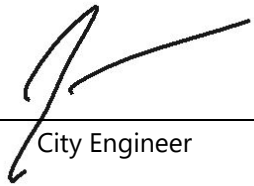


ENGINEER OF WORK

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



City Engineer

1/19/2021
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>

ITEM	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
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 for Prime Contractors	At Time of Bid	ALL BIDDERS
5.	Debarment and Suspension Certification for Subcontractors, Suppliers & Mfgs	At Time of Bid	ALL BIDDERS
6.	Bid Bond (Original)	By 5PM 3 working days after bid opening	ALL BIDDERS
7.	SLBE Good Faith Effort Documentation	By 5 PM 3 working days after bid opening	ALL BIDDERS
8.	Form AA60 – List of Work Made Available	By 5 PM 3 working days after bid opening with Good Faith Effort (GFE) documentation	ALL BIDDERS
9.	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License 	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER
10.	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	AWARDED BIDDER
11.	Listing of "Other Than First Tier" Subcontractors	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER

NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Asphalt Resurfacing Group 1902**. 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 **\$2,700,000**.
 4. **BID DUE DATE AND TIME ARE: FEBRUARY 24, 2021 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	7.4%
2. ELBE participation	7.7%
3. Total mandatory participation	15.1%
 - 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), demonstrating the Bidder made a good faith effort to **conduct** outreach to and include SLBE-ELBE Subcontractors as required in this solicitation by 5 PM 3 Working Days after the Bid opening if the overall mandatory participation percentage is not met.
- All submittals in searchable PDF shall be submitted electronically within the prescribed time identified in the contract documents via PlanetBids by invitation to the point of contact named in the bid provided by the Contract Specialist to all bidders.**

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 the Engineering & Capital Projects 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:

Engineering & Capital Projects Department, Contracts Division
525 B Street, Suite 750 (7th Floor)
San Diego, California, 92101
Attention: Celina Suarez

OR:

CSuarez@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 and electronic bid.
- 2.2.** The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.
- 2.3.** The City's electronic bidding system is responsible for bid tabulations. Upon the bidder's or proposer's entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 2.4. BIDS REMAIN SEALED UNTIL BID DEADLINE.** eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the "Bid Due Date and Time" are not available for review by anyone other than the submitter 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, EOCP compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.
- 2.6. RECAPITULATION OF THE WORK.** Bids shall not contain any recapitulation of the Work. Conditional Bids may be rejected as being non-responsive. Alternative proposals will not be considered unless called for.
- 2.7. BIDS MAY BE WITHDRAWN** by the Bidder only up to the bid due date and time.
- 2.7.1. Important Note:** Submission of the electronic bid into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the bidder's submission to upload and be received by the City's eBidding system. It is the bidder's sole responsibility to ensure their bids are received on time by the City's eBidding system. The City of San Diego is not responsible for bids that do not arrive by the required date and time.

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

3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT:

3.1. The bidder, by submitting its electronic bid, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.

3.2. By submitting an electronic bid, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of the plans and specifications, drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its bid proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents, including any addenda issued thereto, and incorporated by reference in the Contract Documents.

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

3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days 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") http://www.greenbookspecs.org/	2018	PWPI010119-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* https://www.sandiego.gov/ecp/edocref/greenbook	2018	PWPI010119-02
City of San Diego Standard Drawings* https://www.sandiego.gov/ecp/edocref/standarddraw	2018	PWPI010119-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/ecp/edocref/drawings	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2018	PWPI030119-05
CALTRANS Standard Plans https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2018	PWPI030119-06
California Manual on Uniform Traffic Control Devices Revision 5 (CA MUTCD 2014 Rev 5) http://www.dot.ca.gov/programs/safety-programs/camutcd/camutcd-rev5	2014	PWPI042220-09
<p>NOTE: *Available online under Engineering Documents and References at: https://www.sandiego.gov/ecp/edocref/</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 Engineering & Capital Projects Department, Contracts Division.
- 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, 3 working days after the bid opening date, all 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, 3 working days after the bid opening date shall cause the bid to be rejected and deemed **non-responsive**.

Due to circumstances related to Covid-19, until further notice, all original bid bond submittals must be received by 5 PM, 3 working days after bid opening.

Upon circumstances returning to normal business as usual, the original bid bond shall once again be due by 5 PM the day after bid opening.

Original Bid Bond shall be submitted to:
Engineering & Capital Projects Department, Contracts Division
525 B Street, Suite 750 (7th Floor)
San Diego, California, 92101
To the Attention of the Contract Specialist 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 herein and in the Notice of Intent To 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:

Hanson Aggregates Pacific Southwest LLC DBA
ATP General Engineering Contractors, a corporation, as principal, and
Travelers Casualty and Surety Company of America, 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 Ninety Four Thousand Six Hundred Sixty Six Dollars (\$2,094,666.00) for the faithful
performance of the annexed contract, and in the sum of **Two Million Ninety Four Thousand Six
Hundred Sixty Six Dollars (\$2,094,666.00)** 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.

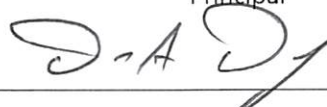
The Surety shall not utilize the Principal in completing the improvements and work specified
in the Agreement in the event the City terminates the Principal for default.

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

Dated March 18, 2021

Approved as to Form

Hanson Aggregates Pacific Southwest LLC
DBA ATP General Engineering Contractors

Principal
By 

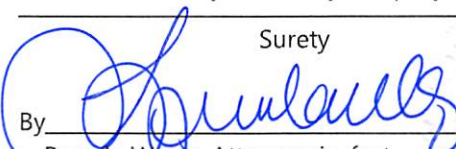
David A. Donnelly, Assistant Secretary

Printed Name of Person Signing for Principal

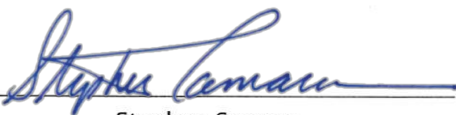
Mara W. Elliott, City Attorney

By 
Deputy City Attorney

Travelers Casualty and Surety Company of America

Surety
By 
Brenda Wong, Attorney-in-fact

Approved:

By 
Stephen Samara
Principal Contract Specialist
Engineering & Capital Projects

21688 Gateway Center Drive.

Local Address of Surety

Diamond Bar, CA 91765

Local Address (City, State) of Surety

909-612-3667

Local Telephone No. of Surety

Premium \$ 6,284.00

Bond No. 107276981

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 Los Angeles

On MAR 18 2021 before me, M.Gonzales, Notary Public, personally appeared Brenda Wong 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.

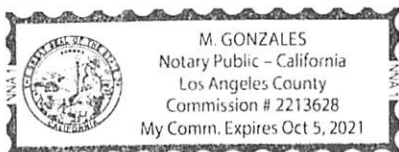
WITNESS my hand and official seal.

(seal)

Signature



M.Gonzales, Notary Public





Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY


KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Brenda Wong** of **LOS ANGELES California**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **17th** day of **January**, 2019.



State of Connecticut

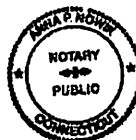
City of Hartford ss.

By: 
 Robert L. Raney, Senior Vice President

On this the 17th day of **January**, 2019, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2021




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **MAR 18 2021** day of




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which this Power of Attorney is attached.

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

- 1. SCOPE OF WORK:** Work will involve furnishing all labor, materials, equipment, services, quality assurance and construction including but not limited to grinding, cold milling, hauling and disposal of the existing asphalt and concrete and installment of new pavement, excavation for pavement base repair, raising appurtenances and survey monuments to grade, reconstruction survey monument box, sweeping, installation of curb ramps to meet ADA requirements, curb and gutter removal and replacement, sidewalk panel removal and replacement, cross gutter and alley apron removal and replacement, residential and commercial driveway replacement, curb outlet – type A placement, relocation of pedestrian push buttons, placement of pedestrian barricades, tree trimming, root pruning, tree root relocation and pneumatic soil excavation, installment of root barriers, tree removal, weed abatement, weed spraying, replacing traffic striping/markings/markers/devices, replacing vehicle detector loops and stubs, traffic control drawings and permits, storm drain inlet protection, and installation of inlet markers for various streets throughout the City.

 - 1.1.** The Work shall be performed in accordance with:

 - 1.1.1.** The Notice Inviting Bids and the attached Appendices.
- 2. LOCATION OF WORK:** The location of the Work is as follows:

See **Appendix E – Location Maps.**
- 3. CONTRACT TIME:** The Contract Time for completion of the Work shall be **132 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.

PART 0 – EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION A – GENERAL REQUIREMENTS

0-12 CONTRACT RECORDS AND REPORTS. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall maintain records of all subcontracts and invoices from your Subcontractors and Suppliers for work on this project. Records shall show name, telephone number including area code, and business address of each Subcontractor, Supplier, and joint venture partner, and the total amount actually paid to each firm. Project relevant records, regardless of tier, may be periodically reviewed by the City.
2. You shall retain all records, books, papers, and documents pertinent to the Contract for a period of not less than 5 years after Notice of Completion and allow access to said records by the City's authorized representatives.
3. You shall submit the following reports using the City's web-based contract compliance (Prism® portal):
 - a) **Monthly Payment.** You shall submit Monthly Payment Reporting by the 10th day of the subsequent month. Incomplete and/or delinquent reporting may cause payment delays, non-payment of invoices, or both.
4. The records maintained under item 1, described above, shall be consolidated into a Final Summary Report, certified as correct by an authorized representative of the Contractor. The Final Summary Report shall include all subcontracting activities and be sent to the EOCP Program Manager prior to Acceptance. Failure to comply may result in assessment of liquidated damages or withholding of retention. The City will review and verify 100% of subcontract participation reported in the Final Summary Report prior to approval and release of final retention to you. In the event your Subcontractors are owed money for completed Work, the City may authorize payment to subcontractor via a joint check from the withheld retention.

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 their 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 **3:30 PM**.

To the “WHITEBOOK”, ADD the following:

108. **Acceptance** – When all of the Contract Work, including all Punchlist items, is deemed officially complete by the City Asset Owning Department or Deputy City Engineer.
109. **Occupancy** – When the Owner deems a building is ready for use, the Owner will issue a certificate of Occupancy in writing.
110. **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.

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.

1-7.2 Contract Bonds. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Before execution of the Contract, file payment and performance bonds with the City to be approved by the Board in the amounts and for the purposes noted. Bonds shall be executed by a responsible surety as follows:
 - a) If the Work is being funded with state or local money, consistent with California Code of Civil Procedure §995.670, the Surety shall be an "admitted surety" authorized by the State of California Department of Insurance to transact surety insurance in the State.
 - b) If the Work is being funded with federal money, the Surety shall be listed in the U.S. Treasury Department Circular 570 and shall be in conformance with the specified Underwriting Limitations.

To the "WHITEBOOK", item 2, subsection "a", subsection "i", DELETE in its entirety and SUBSTITUTE with the following:

- i. A "Payment Bond" (Materials and Labor Bond) is optional. If no bond is submitted, no payment shall be made until 35 Calendar Days after Acceptance and any lien requirements have been fulfilled. If a bond is submitted, progress payments shall be made in accordance with these Specifications.

To the "WHITEBOOK", item 2, subsection "d", DELETE in its entirety and SUBSTITUTE with the following:

- d) For Contracts over \$100,000:
 - i. A "Payment Bond" (Materials and Labor Bond) for 100% of the Contract Price to satisfy claims of material Suppliers and of mechanics and laborers employed on the Work. You shall maintain the bond in full force and effect until Acceptance and until all claims for materials and labor are paid and shall otherwise comply with the Government Code.
 - ii. A "Faithful Performance Bond" for 100% of the Contract Price to guarantee faithful performance of Work, within the time prescribed and in a manner satisfactory to the City, that materials and workmanship shall be free from original or developed defects.

To the "WHITEBOOK", item 7, DELETE in its entirety and SUBSTITUTE with the following:

7. You shall require the Surety to mail its standard "Bond Status" form to the Engineer at the following address:
Deputy Director
Construction Management and Field Engineering Division
9573 Chesapeake Drive San Diego, CA 92123

SECTION 2 – SCOPE OF THE WORK

2-7 CHANGES INITIATED BY THE AGENCY.

2-7.1 General. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The Engineer may substitute specific sites for asphalt overlay or slurry seal due to the utility of construction conflicts or urgent community needs. The Engineer will adjust the location list provided in the Contract Documents as needed.
2. The location list provided by the City in the Contract Documents will be adjusted by the City as needed to match the Bid quantities at no additional cost to the City.
3. The Bid quantities are for estimating purposes only and will vary due to continued deterioration of the streets, such as streets quantified as having no tons of AC repair, may in fact need AC repair (see 301-1.6)

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.

3-3 SUBCONTRACTORS. To the "WHITEBOOK", ADD the following:

6. When a Subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the City, you shall remove such Subcontractor immediately upon written request of the City, and shall request approval of a replacement Subcontractor to perform the Work in accordance with California Public Contract Code (PCC), Subletting and Subcontracting, Section 4107, at no added cost to the City.

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 H - Contractor's Daily Quality Control Inspection Report.**
8. The Contractor's Quality Control Plan shall be subject to approval by the Engineer.
9. Additions and Alterations to the Contractor's Quality Control Plan may be requested at the discretion of the Engineer. The request for Additions and Alterations to the Contractor's Quality Control Plan will be made to the Contractor in writing by the Engineer. Submission of Additions and Alterations to The Contractor's Quality Control Plan shall be submitted within 5 business days from the date the request for Additions and Alterations is made by the Engineer.
10. Additions and Alterations to the Contractor's Quality Control Plan shall be subject to approval by the Engineer.
11. The Contractor shall ensure that all Items of Work, regardless of their inclusion in or omission from the Contractors Quality Control Plan, conform to the Contract Documents.
12. Payment for the Contractor's Quality Control Plan shall be included in the Contract Price.
13. No Additional Payment shall be made for Additions and Alterations to the Contractor's Quality Control Plan.

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.

3-9 TECHNICAL STUDIES AND SUBSURFACE DATA. To the "WHITEBOOK", ADD the following:

- 5. In preparation of the Contract Documents, the designer has relied upon the following reports of explorations and tests at the Work Site:
 - a) Asphalt Resurfacing Group 1902 Pavement Core Sample Results for Select Streets. See **Appendix P - Pavement Core Sample Results for Select Streets.**

3-12.1 General. To the "WHITEBOOK", ADD the following:

- 2. You shall provide a PM-10 certified self-loading motorized street sweeper equipped with a functional water spray system for this project.
- 3. You shall sweep all paved areas within the Work site and all paved haul routes as specified below:
 - a) Every Friday on a weekly basis.
 - b) 1 Working Day prior to each rain event.
 - c) As directed by the Engineer.

If these requirements would require you to sweep on a Holiday or Weekend, then you shall sweep the next available Working Day prior to that Holiday or Weekend.

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.
2. Substantial Completion, in accordance with 3-13.1.1, "Requirements Before Requesting Substantial Completion", shall be completed in phases. The phases for substantial completion shall be defined in the schedule as approved by the Engineer.

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.
2. Complete Intermediate Project Walk-through and Punchlist procedure for all phases of the project in areas as defined in the project schedule and approve by the Engineer.

3-13.1.2 Walk-through and Punchlist Procedure. To the "WHITEBOOK", DELETE in its entirety.

ADD:

3-13.1.2 Intermediate Project Walk-through and Punchlist Procedure.

1. When you consider that the Work and Services are complete for a Project Area, notify the Engineer in writing that the Project Area is complete and request that you and the Engineer perform a Walk-through for the generation of an Area Punchlist. You shall notify the Engineer at least 7 Working Days in advance of the Walk-through.
2. The Engineer will first determine if the Project Area is ready for an Intermediate Project Walk-through by verifying whether you have completed all items as required by 3-13.1.1, "Requirements Before Requesting a Walk-through" for the Project Area.
3. The Engineer shall facilitate the Intermediate Project Walk-through.
4. You shall make Plans, specifications, and technical data, such as submittals and equipment manuals, test results, documentation of completed work available to the Engineer. You will not be present during the Asset Managing Department Walkthrough unless directed by the Engineer.
5. The Engineer will provide you with a Punchlist within an estimated 30 Working Days after the date of the Intermediate Project Walk-through and submit it to you. The City shall not provide a preliminary Project Area Punchlist.
6. The Engineer may require more than 30 Working Days to complete a punch list for the Intermediate Project Walk-through. No additional time or compensation will be provided for the generation of the punchlist for the intermediate project walk-through.
7. If the Engineer finds that the Project Area is not substantially complete as defined herein, the Engineer will terminate the Intermediate Project Walk-through and notify you in writing.
8. If, at any time during the Engineer's evaluation of the corrective Work required by the Project Area Punchlist, the Engineer discovers that additional corrective Work is required, the Engineer may include that corrective Work in the Project Area Punchlist. You shall remain solely responsible for the Project Site until the Project is completely operational, all Punchlist items, including Project Area Punchlist items have been corrected, and all operation and maintenance manuals have been accepted by the City.

9. The Engineer shall meet with you until all Punchlist items, including Project Area Punchlist items are corrected. You shall work diligently to complete all punchlist items within 30 working days after the Engineer provides the Punchlist. If you take longer than 30 Working Days to complete the corrective Work for a Project Area, the Project Area shall be subject to re-evaluation. No additional time or compensation will be provided for the completion of the punchlist/remediation request from the Asset Managing Department.
10. When a comment from the walkthrough is Disputed, you shall submit in writing justification for the dispute within 15 days of receiving the punchlist.

ADD:

3-13.1.3

Walk-through and Punchlist Procedure.

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.
9. When a comment from the Punchlist is disputed, you shall submit in writing justification for the dispute within 15 days of receiving the punchlist.

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. The project will not be accepted in phases.
6. 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.
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 in the vicinity of Village Pine Drive and Howard Avenue. See **Appendix G – Adjacent Projects Maps** for the approximate location. Coordinate the Work with the adjacent projects as listed below:
 - a) B18019 / Howard Ave-Village Pine to Iris Sidewalk – This project will install new concrete sidewalk on the east side of Howard Avenue between Iris Avenue and Village Pine Drive. The project also includes installation of a new retaining wall, curb ramps, traffic signal relocation, and other associated improvements, Program Manager: Alejandra Gonzalez Nava (858) 276-9292.
 - b) UU 26 Iris Avenue - As part of this Project, overhead utility lines will be undergrounded. Resident Engineers: John Granillo-Dodds, Phone: (619) 533-4418 and Ross Bowen (858) 541-4363
- 3. Other adjacent City projects are scheduled for construction for the same time period in the vicinity of 25th Street and Grove Ave. See **Appendix G – Adjacent Projects Maps** for the approximate location. Coordinate the Work with the adjacent projects as listed below:
 - c) UU366 / 27th (SB) Street – As part of this Project, overhead utility lines will be undergrounded, Resident Engineer: John Granillo-Dodds (619) 533-4418.

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.

5-10.2.1

Public Notice by Contractor. To the “WHITEBOOK”, items 2 and 3, DELETE in their entirety and SUBSTITUTE with the following:

2. No less than 5 Working Days in advance of Project construction activities and utility service interruptions, you shall notify all critical facilities, businesses, institutions, property owners, residents, or any other impacted stakeholders within a minimum 300-foot (90 m) radius of the Project. Verbal and written notifications shall be sent to critical facilities (including but not limited to police stations, fire stations, hospitals, and schools). A copy of written notifications sent to any critical facility shall also be sent to the Resident Engineer. You shall keep records of the people contacted, along with the dates of notification, and shall provide the record to the Engineer upon request. You shall identify all other critical facilities that need to be notified.

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.

5-13 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/ecp/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 "e" and "s", DELETE in their entirety and SUBSTITUTE with the following:

- e) Monthly progress payments are contingent upon the submittal of an updated Schedule to the Engineer. The Engineer may refuse to process the whole or part of any monthly payment if you refuse or fail to provide an acceptable schedule.
- 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. An accurate itemized accounting of all approved work completed for all bid items and additional work including but not limited to quantities of approved work completed, identify changes from estimated values, location where work completed, and dates work completed shall accompany every pay request.
 - 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/ecp/edocref/>

To the "WHITEBOOK", ADD the following:

- 3. The construction Schedule shall show a breakdown of Work into Phases. The phases shall include works within geographically common areas designated as Project Areas. The schedule shall show the division of work into Project Area. The schedule shall also include for each Phase the Intermediate Walk-through and generation of the intermediate project area punchlist and correction of punchlist items as approved by the Engineer. You shall work diligently to complete all punchlist items within 30 working days after the Engineer provides the Punchlist. No additional working days shall be added to the contract for the completion of the intermediate project area inspection.

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.

6-4.2 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.
 - b) 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 **Notice of Exemption** for **Asphalt Resurfacing Group 1902**, Project No. **B-18135**, as referenced in the Contract Appendix. You shall comply with all requirements of the **Notice of Exemption** as set forth in **Appendix A**.
2. Compliance with the City's environmental document shall be included in the Contract Price.

SECTION 7 – MEASUREMENT AND PAYMENT

7-3.1 General. To the "GREENBOOK" and "WHITEBOOK", paragraph (8), DELETE in its entirety and SUBSTITUTE with the following:

If, within the time fixed by law, a properly executed notice to stop payment is filed with the City, due to your failure to pay for labor or materials used in the Work, all money due for such labor or materials will be withheld from payment in accordance with applicable laws.

To the "WHITEBOOK", ADD the following:

1. Unless specified otherwise, the Contract Price includes use, consumer, and other taxes mandated by applicable legal requirements.
2. As provided in §7105 of the California Public Contract Code, if the Contract is not financed by revenue bonds, you are not responsible for the cost of repairing or restoring damage to the Project when damage was proximately caused by an act of God, in excess of 5% of the Contract Price, if the following occur:
 - a) The Project damaged was built in accordance with the Contract requirements.
 - b) There are no insurance requirements in the Contract for the damages.

7-3.2 Partial and Final Payment. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. The Final Payment, which is the release of Retention, shall be paid to you after you have successfully submitted the following required documents:
 - a) An affidavit that payrolls and bills for materials, equipment, and other indebtedness connected with the Work for which the City or the City's property might be responsible for or encumbered by.
 - b) A certificate evidencing that insurances required by the Contract Documents shall remain in force after Final Payment is currently in effect and shall not be canceled or allowed to expire until at least a 30 Calendar Days prior written notice has been given to the Engineer.

- c) Consent of Surety to Final Payment.
- d) If required by the Engineer, other data establishing payment or satisfaction of obligations such as receipts, releases and waivers of liens, claims, and security interests or encumbrances arising out of the Contract Documents. If a Subcontractor refuses to furnish a release or waiver required by the City, you may furnish a bond satisfactory to the Engineer to indemnify the City against such lien.
- e) If required in the Contract Documents, the successful completion and submittal of the required reports such as construction demolition, waste recycling, and hydrostatic discharge reports.
- f) Required EOCP Final Summary Report in accordance with Section 0-12, "Contract Records and Reports", record drawings, operations manuals, test reports, warranty documentation, and UL labels shall be submitted before requesting the release of retention.
- g) Acceptance of the completed Project by the asset owning Department.

To the "WHITEBOOK", ADD the following:

- 2. Submit an invoice for payment after you successfully complete the required documents and the City will pay the invoice within 30 Calendar Days. The City will pay 6% annually for late retention payments.

7-3.2.1 Application for Progress Payment. To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE with the following:

- 3. The City shall not pay progress or partial payments until you submit to the Engineer an acceptable updated Schedule. It is solely your responsibility to prepare and submit the Schedule updates.

7-3.2.2 Amount of Progress Payments. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. The City will pay 6% annually for late progress payments.
- 2. Progress payments will be considered "late" if the following occur:
 - a) The City does not pay the contractor within 30 Calendar Days from receipt of an undisputed and properly submitted invoice. A properly submitted payment invoice means that the City has approved for payment the entire invoice amount or if the Resident Engineer has not disputed any portion of the application within 7 Calendar Days of the date of submission.
 - b) The application for payment does not require signing of a Contract Change Order.
- 3. The Engineer may withhold payment for any of the following reasons:
 - a) Defective or incomplete Work.
 - b) Not providing an updated and accurate Cost Loaded Construction Schedule in accordance with 6-1.1, "Construction Schedule".

- c) Stop notices, wage orders, or other withholdings required by Applicable Law. Your failure to comply with 5-3.3, "Payroll Records" and the Contractor Registration and Electronic Reporting System requirements of the Contract Documents.
4. The Engineer may back charge the contract for any of the following reasons:
- a) Defective or incorrect Work not remedied.
 - b) Damage to City property or a third party's property that was caused by you.
 - c) Liquidated Damages.

7-3.2.3 Waiver of Claims at Final Payment. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. Your acceptance of Final Payment constitutes a waiver of affirmative Claims by you, except those previously made in writing and identified as unsettled at the time of Final Payment.

7-3.2.4 Withholding of Payment and Back Charge. To the "WHITEBOOK", DELETE in its entirety.

7-3.5.1 General. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. Unit Bid prices shall not be subject to adjustment regardless of quantity used for the following Bid items:
 - a) "Asphalt Pavement Repair"
 - b) "Crushed Miscellaneous Base"
 - c) "Historical and Contractor Stamps and Impressions"
 - d) "Tree Root Pruning, Barrier and Crown Reduction"
 - e) "Curb Ramp"
 - f) "Pull Box"
 - g) "Tree Removal and Disposal (Less Than 24-Inch Trunk Diameter)"
 - h) "Traffic Detector Loop Replacement"
 - i) "Pedestrian Barricade (Type A)"
 - j) "Speed Hump Remove & Replace"
 - k) "Excavation for Base Repair"
 - l) "Asphalt Concrete Base"
 - m) "Pedestrian Push button Relocation"
 - n) "New Pedestrian Push Button"
 - o) "New Pedestrian Push Button Post"
 - p) "Excavation for Base Repair (Unscheduled)"

- q) "Crushed Miscellaneous Base (Unscheduled)"
 - r) "Raise Appurtenance to Grade (Water, Sewer)"
 - s) "Adjust Survey Monument to Grade"
 - t) "Reconstruct Survey Monument Box"
2. Upon discovery and prior to the Work, you shall notify the Resident Engineer if there is a change in Bid item quantity that increases the total Contract Price by 5% or \$100,000 or more, whichever is less.

7-3.8

Eliminated Items. To the "GREENBOOK," DELETE in its entirety and SUBSTITUTE with the following:

1. Should any Bid Items, except Bid Items listed in item 2 of this section, be eliminated in its entirety, payment will be made to the Contractor for its actual costs incurred in connection with the eliminated item prior to notification in writing from the Engineer so stating its elimination.
2. If eliminated in their entirety, no payment will be made for actual costs incurred in connection with the following eliminated items:
 - a) "Asphalt Pavement Repair"
 - b) "Crushed Miscellaneous Base"
 - c) "Historical and Contractor Stamps and Impressions"
 - d) "Tree Root Pruning, Barrier and Crown Reduction"
 - e) "Curb Ramp"
 - f) "Pull Box"
 - g) "Tree Removal and Disposal (Less Than 24-Inch Trunk Diameter)"
 - h) "Traffic Detector Loop Replacement"
 - i) "Pedestrian Barricade (Type A)"
 - j) "Speed Hump Remove & Replace"
 - k) "Excavation for Base Repair"
 - l) "Asphalt Concrete Base"
 - m) "Pedestrian Push button Relocation"
 - n) "New Pedestrian Push Button"
 - o) "New Pedestrian Push Button Post"
 - p) "Excavation for Base Repair (Unscheduled)"
 - q) "Crushed Miscellaneous Base (Unscheduled)"
 - r) "Raise Appurtenance to Grade (Water, Sewer)"
 - s) "Adjust Survey Monument to Grade"
 - t) "Reconstruct Survey Monument Box"

3. If material conforming to the Plans and Specifications is ordered for use in the eliminated items prior to the date of notification of elimination by the Engineer, and if the order for that material cannot be canceled, payment will be made to you for the actual cost of the material. In this case, the material shall become the property of the City and payment will be made to you for actual costs for any further handling. If the material is returnable, the material shall be returned and payment will be made to you for actual cost of charges made by the supplier for handling and returning the material.

Actual costs, as used herein, shall be computed on the basis of Extra Work.

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**

Contract Price	Maximum Field Order Work Amount
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

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.

2. The City will issue a Field Order only after the City's acceptance of the cost of the field order amount.
3. Field Orders shall not be used to add scope or to include extensions of time related to changes in work.
4. 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.
5. 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 201 – CONCRETE, MORTAR, AND RELATED MATERIALS

201-1.1.2 Concrete Specified by Class and Alternate Class. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Monolithic curb and pavement shall not be allowed.
2. To Table 201-1.1.2, REVISE the following:
 - a) Concrete class for "Concrete Pavement (not integral with curb)", DELETE "520-A-2500" and SUBSTITUTE with "560-C-3250".
 - b) Concrete class for "Sidehill Surface Drainage Facilities", DELETE "500-C-2500" and SUBSTITUTE with "520-C-2500".
 - c) Concrete class for "Fence and Guardrail Post Foundations", DELETE "500-C-2500" and SUBSTITUTE with "520-C-2500".

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 300 - EARTHWORK

300-2.8 Measurement. To the "GREENBOOK", item c, DELETE in its entirety and SUBSTITUTE with the following:

- c) Excavating unsuitable material as specified in the Contract Documents and as directed by the Engineer.

To the "GREENBOOK", ADD the following:

1. The areas and quantities of earth work shown on the road segments and in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids.
2. Excavation for Base Repair shall include Earthwork operations measured as unclassified excavation that have been identified in the Contract documents, marked on the pavement, identified by the Contractor and approved the Engineer, and as specified by the Engineer.
3. Excavation for Base Repair (Unscheduled) shall include Earthwork operations measured as unclassified excavation that have not been identified in the Contract

documents, marked on the pavement, identified by the Contractor and approved the Engineer, and as specified by the Engineer.

300-2.9 **Payment.** To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Payment for all unclassified excavation will be made at the Contract Unit Price "**Excavation for Base Repair**" or "**Excavation for Base Repair (Unscheduled)**" per bank cubic yard of material removed. Payment for unclassified excavation shall include compensation for excavating, sloping, rounding tops and ends of excavations, loading, disposing of surplus material, stockpiling, and hauling it to its final location.
2. No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.
3. When Cold Milling is used as a method for excavation for subgrade or base repair for pavement, Cold Milling shall be included in the Contract Unit Price for "**Excavation for Base Repair**" or "**Excavation for Base Repair (Unscheduled)**".
4. The payment for excavating and stockpiling shall be included under the lump sum Bid items or for the Contract Unit Prices. Removing such selected material from the stockpile and placing it in its final position shall be included under the lump sum Bid items or for the Contract Unit Prices. The Contractor may stockpile material; however, no separate payment will be made for excavating material from an optional stockpile and placing it in its final position.
5. No separate payment will be made for excavating topsoil temporarily stockpiled along the top of slopes and placing it in its final position on the slope for erosion control planting work, whether or not required by the Contract Documents or by the Engineer.

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

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

1. Prior to the placement of asphalt concrete or the application of slurry, you shall complete all necessary preparation and repair Work to the road segment as specified in the Special Provisions and Contract Documents or as directed by the Engineer.
2. No preparatory asphalt Work shall be done when the atmospheric temperature is below 50° F (10° C) or during unsuitable weather.
3. Preparatory Work shall include tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, cold milling, hump removal, lump removal, subgrade preparation and subgrade or base repair, removal of raised pavement markers, removal of pavement markings, location of public and private utilities and appurtenances, all Concrete works, and all other necessary works as specified in the Special Provisions and Contract Documents or as directed by the Engineer.

4. After the completion of the preparatory work, you shall install compacted asphalt concrete pavement according to the thickness specified in the Special Provisions and Contract Documents or a minimum of 2 inches (50.8 mm) for residential streets and a minimum of 3 inches (76.2 mm) for all other streets or as directed by the Engineer.
5. You shall identify the location of all utilities vaults, valves, and other appurtenances not included in the project scope requiring relocation or adjustment to grade by other agencies/companies by marking the face of the curb closest to the utility appurtenance as follows:
 1. offset distance of the appurtenance from the curb face
 2. the limits of the appurtenance or corners of the vault/box
6. The quantities shown in the appendices are based on a street assessment survey and may vary. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents
7. You shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2 inches (50.8 mm) for residential streets and a minimum depth of 3 inches (76.2 mm) for all others except where specified otherwise in the Special Provisions and Contract Documents or as directed by the Engineer to expose firm and unyielding pavement as specified.
8. If the base material or native subgrade is exposed, you shall notify the Engineer. In order to achieve the minimum specified depth, the material shall be compacted to 95% relative compaction. Compaction tests shall be made to ensure compliance with the specifications.
9. The Engineer shall determine when and where the test shall occur. The City will pay for the soils testing required by the Engineer which meets the required compaction. You shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, you shall use Crushed Miscellaneous Base in accordance with 200-2.4, "Crushed Miscellaneous Base" or as directed by the Engineer.
10. Prior to placement of compacted asphalt concrete pavement, you shall prepare the subgrade as needed and install a minimum of 2 or 3 inches as specified in the contract documents and special provisions, of compacted asphalt concrete pavement over native material as directed by the Engineer.
11. Areas of damaged asphalt requiring base repair work including excavation, placement of asphalt concrete, asphalt concrete base, and Crushed Miscellaneous Base, have been marked out in the field as "DO", Dig Out, also called Base Repairs.
12. The areas and quantities shown on the road segments and in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids. You shall identify any new areas that require repair prior to paving in order to construct a smooth and stable pavement surface. Upon approval by the engineer, the repair locations shall be incorporated into scope of work and shall

not be considered extra work. You shall mark the pavement area as "DO" or as directed by the Engineer.

13. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4, "Tack Coat".
14. When milling and/or grinding asphalt pavement for base repair and the contractor encounters level and unyielding PCC trench caps or appurtenance collars before reaching the minimum depth of 2 inches, then the You shall place enough asphalt concrete pavement to bring the surface to be level with the adjacent roadway. Asphalt Concrete Base shall be Type III-B3-PG 64-10 and Asphalt Concrete Pavement shall be Type III-C2-PG 64-10 as directed by the Engineer.
15. You shall install new asphalt within the repair area or for patches in accordance with 302-5, "ASPHALT CONCRETE PAVEMENT". Asphalt concrete shall be Type III-C2-PG 64-10 in compliance with 203-6.3.1 "General".
16. Recycled base material shall conform to crushed miscellaneous base material in accordance with 200-2.4, "Crushed Miscellaneous Base".
17. Following the asphalt placement, you shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2, "Density and Smoothness". After placement and compaction of the asphalt patch, you shall seal all finished edges with a 4 inch (101.6 mm) wide continuous band of SS-1H.
18. Materials removed, regardless of removal method, shall be disposed of at a legal site.
19. The minimum dimensions for each individual repair shall be 4 feet by 4 feet (1.2 m by 1.2 m) and shall be subject to the following conditions:
 - a. If the base material is exposed, to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, "SUBGRADE PREPARATION".
 - b. Base repairs shall have a minimum depth of 10".
 - c. You shall repair marked out areas of distressed asphalt concrete to remove damaged areas of pavement in accordance with 404-1, to expose firm and unyielding pavement, base, or native soils, regardless of materials encountered. Unyielding pavement will have no visible cracks and unyielding base or native soils will be properly compacted, as determined by the Engineer. If cracks are visible, then pavement is not unyielding and shall require additional depth be removed as directed by the Engineer. The Contractor shall prepare subgrade as needed and install a maximum of 5" compacted asphalt concrete pavement over the compacted base material to be level with the adjacent roadway surface.
 - d. When additional base material is required, then you shall use Crushed Miscellaneous Base in accordance with 200-2.4, "Crushed Miscellaneous Base" or as directed by the Engineer.

- e. Recycled base material shall conform to crushed miscellaneous base material in accordance with 200-2.4, "Crushed Miscellaneous Base".
- f. You may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.
- g. For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt pavement. The areas for scheduled repairs have been marked on the street as "AC FW".
- h. Base Repair. Areas where failed pavement is removed either by cold milling or by excavation shall be restored to existing pavement grade with "Crushed Miscellaneous Base" at 5 inches, and 5 inches of "Asphalt Concrete Base" shall be placed atop the layer of "Asphalt Concrete Base", and minimum of 2 or 3 inches of Asphalt Concrete shall be placed atop the layer of Asphalt Concrete Base unless otherwise directed by the engineer. These areas have been marked on the pavement as "DO". The Crushed Miscellaneous Base shall be in accordance with 200-2.4, "Crushed Miscellaneous Base". The asphalt concrete base shall be Type III-B3-PG 64-10 as specified in 203-6, "ASPHALT CONCRETE". The asphalt concrete shall be Type III-C2-PG 64-10 as specified in 203-6.3.1 "General" Preliminary quantities are identified in the Contract appendix but may need to be increased and approved by the Engineer at the time of construction. Base Repairs shall not exceed 15% RAP in content.
- i. Base repair with Asphalt Concrete Base. Areas where failed pavement is removed either by cold milling or by excavation shall be restored to existing pavement grade with Asphalt Concrete Base at 8 inch (203.2mm) and a minimum of 2 or 3 inches of asphalt concrete shall be placed atop the layer of Asphalt Concrete Base unless otherwise directed by the Engineer. The asphalt concrete base shall be Type III-B3-PG 64-10 as specified in 203-6, "ASPHALT CONCRETE." The asphalt concrete shall be Type III-C2-PG 64-10 as specified in 203-6, "General." Base Repairs shall not exceed 15% RAP in content. Base Repairs with Asphalt Concrete Base shall not be performed except where directed by the Engineer.
- j. A base repair is considered unscheduled when it is not identified on the pavement with a "DO" prior to initiation of preparatory work or when you are directed by the Engineer to perform an unscheduled base repair for the proper placement of an asphalt overlay.
- k. A Base repair identified prior to initiation of the preparatory work shall be considered scheduled.
- l. At the end of each day the Contractor shall submit to the Engineer an itemized list of the asphalt pavement and base repair work completed. The list shall include but not be limited to the location of the work, the exact square footage of the repair, cubic yards of excavation, tons of

asphalt concrete base placed, and tons of crushed miscellaneous base material placed or as directed by the Engineer

301-1.7

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

1. The demolition, removal, and disposal of various types of existing hardscape in parkway areas, such as colored concrete, bricks, flagstone in the parkway or right-of-way, shall be included under the lump sum Bid items or for the Contract Unit Prices for which hardscape removal is required. When required, hardscape in parkways shall be replaced with Class A Top Soil or as directed by the Engineer.
2. The payment for the preparatory works shall be included in the lump sum Bid Items and Contract Unit Bid Item for which preparation works are performed, unless it is specified as a separate Bid Item.
3. The areas and quantities shown on the road segments and in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary. No payment shall be made for areas of over excavation as determined by the Engineer.
4. The payment for preparatory repair asphalt works shall be included under the lump sum Bid items or for the Contract Unit Prices except where a bid item is provided.
5. Asphalt pavement subgrade repair, and base repair dig-outs, shall be paid at the Contract unit price per ton for "**Excavation for Base Repair**" or "**Excavation for Base Repair (Unscheduled)**", "**Asphalt Concrete Base**", "**Crushed Miscellaneous Base**" and "**Crushed Miscellaneous Base (Unscheduled)**". No Payment shall be made for areas of over excavation as determined by the Engineer. No additional payment shall be made for unscheduled Asphalt Concrete Base.
6. The payment for Excavation shall be paid at the Contract Unit Price for "**Excavation for Base Repair**" or "**Excavation for Base Repair (Unscheduled)**" for each bank cubic yard of material removed. Proof of proper disposal and/or recycling at a legal site for quantities excavated shall be required in advance of payment as directed by the Engineer and shall be subject to approval by the Engineer for payment. No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.
7. Miscellaneous asphalt patching and tack coat for areas outside of the limits of resurfacing shall be included in the unit price for Bid Item "**Asphalt Pavement Repair**" and no additional payment shall be made therefore regardless of number and location of patches.
8. No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

301-2.4 Measurement and Payment. To the "GREENBOOK", ADD the following:

Payment for Crushed Miscellaneous Base material installed shall be made at the Contract Unit Price for "**Crushed Miscellaneous Base**" per ton and includes all necessary works such as hauling, placement, and compaction as directed by the Engineer.

SECTION 302 – ROADWAY SURFACING

302-4.5 Scheduling, Public Convenience and Traffic Control. To the "GREENBOOK", paragraphs (1) and (2), DELETE in their 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.

302-5.5 Distribution and Spreading. To the "WHITEBOOK," ADD the following:

7. The resurfacing Asphalt Concrete Overlay shall be in accordance to SDG-106 Sheet 1 Cold Milling & Asphalt Concrete Overlay – Type A (6' Edge Cold Mill) or SDG-106 Sheet 2 Cold Milling & Asphalt Concrete Overlay – Type B (Full Width Cold Mill) as specified in the Contract Documents and as specified by the Engineer.

302-5.9 Measurement and Payment. To the "WHITEBOOK," ADD the following:

2. Asphalt concrete pavement will be paid at the contract unit price for "**Asphalt Concrete**" per Ton of asphalt placed. Pavement requiring additional Cold Milling and Asphalt Concrete for transition between new masonry work and existing asphalt beyond the limits of pavement resurfacing shall be measured in square feet of area for Asphalt Pavement Repair as directed by the Engineer.

302-6.8 Payment. To the "GREENBOOK", ADD the following:

Payment for all necessary preparation works as specified in the contract documents and all related work such as labor, monument preservation and restoration, demolition, root pruning, forming, grading, construction materials, finishing, hauling and disposal, site maintenance, subgrade preparation, base material is included in all concrete work for each bid item listed in this section.

Payment for temporary repairs, such as slot patches, or other repairs as approved by the Engineer shall be included in the concrete bid items for which the temporary repair is required.

Subgrade preparation, including 6 inches in depth beyond the specified thickness for the item for which the subgrade is prepared, shall be include in the contract unit price for the concrete work for which the excavation is required.

Subgrade repair and base repair dig-outs, shall be paid at the Contract unit price per ton for **"Excavation for Base Repair"** or **"Excavation for Base Repair (Unscheduled)"**, **"Asphalt Concrete Base"** and **"Crushed Miscellaneous Base."** No Payment shall be made for areas of over excavation as determined by the Engineer.

When subgrade preparation is required, Payment for excavation of material encountered beyond the Subgrade preparation thickness included in the bid item shall be made at the contract unit bid price for **"Excavation for Base Repair"** per bank cubic yard of material excavated as approved by the Engineer.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

No additional payment shall be made for asphalt removal, or additional preparatory work required within the limits of the bus pad installation as determined by the Engineer.

The quantities shown in the appendices are based on a street assessment survey and may vary. No payment shall be made for areas of over excavation.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

SECTION 303 – CONCRETE AND MASONRY CONSTRUCTION

303-5.1.1 **General.** To the "WHITEBOOK", ADD the following:

7. All PCC cross gutters, curb and gutters, sidewalks, driveways, bus pads, alley aprons, and curb ramps shall be constructed in accordance with the applicable City of San Diego Standard Drawings.
8. When curb ramps are built within Caltrans right-of-way, curb ramps shall be constructed in accordance with the applicable Caltrans Standards.
9. A smooth asphalt transition shall be provided at locations where new curb ramps, cross gutters, curb & gutters, driveways, and/or alley aprons have been installed and as directed by the Engineer.
10. When disturbed, damaged or worn concrete pull boxes and concrete meter boxes within the limits of work shall be replaced as directed by the Engineer.
11. Any concrete work requiring asphalt repair that is outside of the resurfacing limits shall be repaired as required by Section 301-1.6.
12. Limits of work have been marked out in the field and are identified in **Appendix F - Approximate Paving Limits Map Book.**

13. Additional locations may be added as directed by the Engineer.
14. Where landscaping and/or hardscape is removed from the parkway areas adjacent to the construction site, the contractor shall be responsible for filling with clean compacted Class A Topsoil to grade.
15. Prior to milling or hammering PCC, the edges adjacent to any pavement or hardscape shall be saw cut.
16. Hardscape such as bricks may be removed, set aside, and reinstalled in a manner satisfactory to the Engineer.
17. Damages due to failure to protect existing improvements to adjacent improvements shall be repaired at your expense as directed by the Engineer.
18. Material removed, regardless of removal method, shall be disposed of at a legal site.
19. Coordination for relocation of utilities and appurtenances shall be required as part of the preparatory work as directed by the Engineer.
20. When a Curb Ramp requires replacement, you shall evaluate and relocate existing Pedestrian Push Buttons, replace or install new Pedestrian Push Buttons, or install new Pedestrian Push Button Post and new Pedestrian Push Button according to the applicable governing standards as directed by the Engineer.
21. The placement of pedestrian push buttons and push button posts shall be determined in advance of installation a new curb ramp or sidewalk.
22. For the purposes of this section, the terms "walk" and "access ramp" shall be synonymous with "sidewalk" and "curb ramp and pedestrian ramp", respectively.

303-5.9

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

1. The areas and quantities shown on the road segments and in the appendices are given only for the Contractor's aid in planning the Work and preparing Bids. The Engineer will designate the limits to be removed and prepared and these designated areas shall be considered to take precedence over the areas shown in an Appendix to the Contract Documents. The quantities shown in the appendices are based on a street assessment survey and may vary. No payment shall be made for areas of over excavation as determined by the Engineer.
2. At the end of each day the Contractor shall submit to the Engineer an itemized list of the concrete and base repair work completed. The list shall include but not be limited to the location of the work, the exact square footage of the repair, cubic yards of excavation, and tons of crushed miscellaneous base material placed or as directed by the Engineer.
3. The payment for preparatory repair concrete works shall be included under the lump sum Bid items or for the Contract Unit Prices except where a bid item is provided.
4. Payment for the demolition, removal, and construction of concrete curb and gutter shall be made at the Contract Unit Bid Price for "**Remove and Replace Curb and Gutter**" per linear foot installed. No additional payment will be made

for removing and replacing other curb types, unless otherwise directed by the engineer.

5. Payment for the demolition, removal, and replacement of concrete sidewalk shall be made at the Contract Unit Bid Price of "**Remove and Replace Existing Sidewalk**" per square foot of sidewalk placed.
6. Payment for the demolition, removal, and replacement of residential concrete driveways shall be made at the Contract Unit Bid Price for "**Residential Concrete Driveway**" per square foot of concrete placed.
7. Payment for the demolition, removal, and replacement of concrete cross gutters and spandrels shall be made at the Contract Unit Bid Price for "**Cross Gutter**" per square foot of concrete placed.
8. Payment for all necessary preparation works as specified in the contract documents and all related work such as labor, monument preservation and restoration, demolition, root pruning, forming, grading, construction materials, finishing, hauling and disposal, site maintenance, subgrade preparation, base material, and clean fill dirt is included in all concrete work for each bid item listed in this section.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

9. Subgrade repair for the concrete masonry bid items, and base repair dig-outs, shall be paid at the Contract unit price per ton for "**Excavation for Base Repair**" or "**Excavation for Base Repair (Unscheduled)**", "**Asphalt Concrete Base**" and "**Crushed Miscellaneous Base.**" No Payment shall be made for areas of over excavation as determined by the Engineer.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

10. Payment for temporary repairs, such as slot patches, or other repairs as approved by the Engineer shall be included in the concrete bid items for which the temporary repair is required.
11. Subgrade preparation, including 6 inches in depth beyond the specified thickness for the item for which the subgrade is prepared, shall be included in the shall be included in the contract unit price for the concrete work for which the excavation is required.
12. When subgrade preparation is required, Payment for excavation of material encountered beyond the Subgrade preparation thickness included in the bid item shall be made at the contract unit bid price for "**Excavation for Base Repair**" per bank cubic yard of material excavated as approved by the Engineer.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

13. The payment for Excavation shall be paid at the Contract Price for "**Excavation for Base Repair**" for each bank cubic yard of material removed as approved by the Engineer.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material.

14. All equipment, materials, and labor required to install a functional push button when required to relocate Pedestrian Push Buttons, replace or install new Pedestrian Push Buttons, or install new Pedestrian Push Button Post and new Pedestrian Push Button shall be included in the Contract Bid Item unit price for "**Pedestrian Push Button Relocation**", or "**New Pedestrian Push Button**", or "**New Pedestrian Push Button Post**" respectively.

303-5.10.2 Payment. To the "WHITEBOOK", ADD the following:

4. Payment for the demolition, removal, and replacement of concrete curb ramps shall be made at the Contract Unit Bid Price of "**Curb Ramp**" per each unit installed.

SECTION 314 – TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS, AND PAVEMENT MARKINGS

314-1 GENERAL. To the "GREENBOOK", ADD the following:

All crosswalks required for this contract shall be in conformance with Standard Drawing SDM-116 for Continental Crosswalks.

The Contractor shall install all traffic striping, pavement markings, pavement markers and devices in accordance with the current standards regardless of existing conditions. Installation may also include striping modifications as identified in the Contract Documents. All striping modifications shall be coordinated with the engineer.

314-4.3.7 Payment. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE the following:

1. The payment for the removal and replacement of existing traffic striping, pavement markings, curb painting, and pavement markers shall be included in the lump sum Bid item for "**Removal and Replacement of Existing Paint Striping.**"
2. All work, material, and labor associated with the removal of existing traffic striping, pavement markings, pavement markers, thermoplastics, pavement devices and the installation of new pavement markers, markings, and devices shall be included in the Lump Sum Bid Item "**Removal and Replacement of Existing Paint Striping.**"

SECTION 401 - REMOVAL

401-5.1 Trees, Stumps, Roots, and Other Landscape. To the "WHITEBOOK", item 3, DELETE in its entirety and SUBSTITUTE the following:

3. Where holes or depressions resulting from the removal of trees, stumps, shrubs, or palms occur, you shall supply standard clean top soil to backfill and firmly

compact the holes or depressions to finish grade and shall make a smooth transition to the adjacent ground or pavement level as applicable. The cavities shall be backfilled the same day following the removal, unless otherwise directed by the Engineer. The topsoil shall be Class A.

401-7 PAYMENT. To the "WHITEBOOK", items 4, 5 and 6, DELETE in their entirety and SUBSTITUTE with the following:

4. The demolition, removal, and disposal of various types of existing hardscape in parkway areas, such as colored concrete, bricks, flagstone in the parkway or right-of-way, shall be included in the Contract Price. When required, hardscape in parkways shall be replaced with Class A Top Soil or as directed by the Engineer.
5. The payment for removal and disposal of tree roots shall be included under the lump sum Bid items or for the Contract Unit Prices for which tree root removal and disposal is required as directed by the Engineer.
6. Work related to tree removal and disposal for trees of trunk diameter less than twenty four inches shall be by the Contract Bid Unit price for "**Small Tree Removal & Disposal (less than 24 inch trunk diameter)**". Cutting, excavation, tree root removal and disposal, tree disposal, backfill, and placement of topsoil shall be included in the unit bid price.

SECTION 402 – UTILITIES

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

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

402-6 COOPERATION. To the "GREENBOOK", ADD the following:

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

SECTION 403 – MANHOLE, SURVEY MONUMENT, AND GATE VALVE FRAMES AND COVERS ADJUSTMENT AND RECONSTRUCTION

403-5 MEASUREMENT AND PAYMENT. To the "WHITEBOOK", items 2 and 3, DELETE in their entirety and SUBSTITUTE with the following:

2. The payment for adjusting each existing gate valve frame and cover to grade, preparation of subgrade, and all other necessary items to complete the work shall be included in the bid item for "**Raise Appurtenance to Grade (Water, Sewer).**"
3. The payment for adjusting existing Survey Monument casing, frame, ring, covers, extensions, grout, brick support, sand base and any other material to grade shall be included in the contract unit bid price for "**Adjust Survey Monument to Grade.**"

To the "WHITEBOOK", ADD the following:

4. The payment for reconstructing the Survey Monument pipe box, monument casing, frame, ring, covers, extensions, grout, brick support, sand base, and any other material required to reconstruct the survey monument precast concrete pipe box shall be included in the contract bid unit price for "**Reconstruct Survey Monument Box.**"

SECTION 404 – COLD MILLING

404-1 GENERAL. To the "WHITEBOOK", item 2, DELETE in its entirety.

To The "WHITEBOOK", item 5, DELETE in its entirety and SUBSTITUTE with the following:

5. The Contractor shall cold mill the existing street pavement as marked out in the field, identified in the contract documents, and/or as directed by the Engineer.

The depth to be cold milled is specified in **Appendix L - Estimated Asphalt Construction Quantities** (2" or 3"), unless otherwise instructed by the Engineer, and shall correspond to the depth of the asphalt to be paved. Limits of work have been marked out in the field with "AC" and "FW" on the pavement indicating the Asphalt Concrete overlay shall be full width.

Cold milled locations shall be paved within 3 days unless directed by the Engineer.

To the "WHITEBOOK", ADD the following:

7. The Cold Milling shall be in accordance to SDG-106 Sheet 1 Cold Milling & Asphalt Concrete Overlay – Type A (6' Edge Cold Mill) or SDG-106 Sheet 2 Cold Milling & Asphalt Concrete Overlay – Type B (Full Width Cold Mill) as specified in the Contract Documents and as specified by the Engineer.
8. The Cold Milling type has been specified in **Appendix L - Estimated Asphalt Construction Quantities** (Type A or Type B), and as specified in the contract documents, unless otherwise instructed by the engineer.
9. Edges of milled areas shall be cut cleanly. The outside edges of the milled pavement may have a radius of transition on the sides parallel to the cutting drum.
10. The presence of roots, pavement fabric, rubberized material, or steel reinforcement within the depth to be cold milled have not been noted or marked out in the field.
11. All milling shall be performed in such a manner as to improve drainage, eliminate ponding, and re-establish gravity flow across intersections.

404-9

TRAFFIC SIGNAL LOOP DETECTORS. To the "WHITEBOOK", ADD the following:

- 6. All damaged traffic detector loops and/or other detection systems located within or adjacent to the limits of work shall be replaced after resurfacing and striping. "Q" loops may be required at bike lanes. "E Modified" loops are required at stop bars. You shall install as many loops as necessary to meet current standards.

Loops may be installed in asphalt, concrete or any other material that may be encountered during the installation.

404-12

PAYMENT. To the "WHITEBOOK", item 1, To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

- 1. The payment for installation of traffic detector loops shall be included in the bid item "Traffic Detector Loop Replacement" for each loop installed or each conduit and stub out. No additional payment shall be made for loop, detector type.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal, of concrete, asphalt concrete, pavement fabric, and any other material that may be encountered during the installation.

To the "WHITEBOOK" ADD the following:

- 5. The payment for cold milling asphalt concrete, including hauling and disposal of milled material, milling of roots, tree trimming, grinding, saw cutting concrete, saw cutting asphalt concrete, shall be included in the Contract Price unless Bid items, as applicable, have been provided as follows:

BID DESCRIPTION	UNIT
Cold Mill Type B Full Width AC Pavement (2 inch)	SF
Cold Mill Type B Full Width AC Pavement (3 inch)	SF
Cold Mill Type A 6' Edge AC Pavement (2 inch)	SF
Cold Mill Header Cuts	LF

The correction of irregularities in the pavement surface including humps, lumps, and other pavement irregularities as specified in the Supplemental Provisions and the Contract Documents, or as directed by the Engineer shall be included in the lump sum bid items and the Contract Price.

No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material that may be encountered during cold milling.

- 6. The payment for the removal and installation of Speed Humps shall be included in the linear foot Contract Bid Item for "**Speed Hump Remove and Replace**". No additional payment shall be made for milling, grinding, saw cutting, hauling, disposal of concrete, pavement fabric, rubberized material, steel reinforcement, or any other material, unless specified by the Engineer.

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

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.

SECTION 700 – MATERIALS

700-5.1 Vehicle Detectors. To the "WHITEBOOK", item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. Loop wire shall be Type 2. Loop detector lead-in cable shall be Type "B". Slots shall be filled with elastomeric sealant, epoxy sealant, or hot-melt rubberized asphalt sealant, except asphaltic emulsion loop sealant and cold tar loop sealant are acceptable if the pavement surface will receive an asphaltic concrete overlay.

SECTION 701 - CONSTRUCTION

701-2. PAYMENT. To the "WHITEBOOK", item 5, sub-item "h", DELETE in its entirety and SUBSTITUTE with the following:

- h) The payment for Pull Boxes and Lids shall be included in the Bid item for "**Pull Box**". This includes all work, material, and labor associated with the installation of Pull Box and Lids. The following shall be included in the Bid item:
 - i. "Pull Box"
 - ii. "#3 Pull Box"
 - iii. "#6 Pull box"

To the "WHITEBOOK", item 5, ADD the following:

- u) Payment for Pedestrian Push button Relocation will be paid at the contract unit price for "**Pedestrian Push Button Relocation**". You shall be responsible for the placement of the relocated pedestrian push button in compliance with the governing standards.

This includes all material, labor, and work required to relocate and install existing pedestrian push buttons.

All excavation, hauling and disposal of materials required to relocate and install pedestrian push buttons will be included in contract price.

- v) Payment for installation of New Pedestrian Push Button will be paid at the contract unit price for "**New Pedestrian Push Button**".

This includes all material, labor, and work required to install new pedestrian push buttons. You shall be responsible for the placement of the "**New Pedestrian Push Button**" in compliance with the applicable governing standards.

All excavation, hauling and disposal of materials required to install New Pedestrian Push Button will be included in the contract price.

- x) Payment for installation of New Pedestrian Push Button Post will be paid at the contract unit price for "**New Pedestrian Push Button Post**". You shall be responsible for the placement of the "**New Pedestrian Push Button Post**" in compliance with the applicable governing standards.

This Payment includes all material, labor, and work required to install New Pedestrian Push Button Post.

All excavation, hauling and disposal of materials required to install New Pedestrian Push Button will be included in the contract price.

SECTION 800 – MATERIALS

800-1.1.2 Class "A" Topsoil. To the "WHITEBOOK", item 4, subsection "e", DELETE in its entirety and SUBSTITUTE with the following:

- e) The test results shall provide the following information:
 - i. Date of Testing
 - ii. Project Name
 - iii. The Contractor's Name
 - iv. Source of Material and Supplier's Name
 - v. Estimate of Quantity Needed in Cubic Yards
 - vi. Soil Gradation
 - vii. Fertility
 - viii. Heavy Metals
 - ix. Soil Permeability in Inches per Hour

- x. Toxic Elements
- xi. Chloride Content
- xii. pH
- xiii. EcE (electrical conductivity)
- xiv. SAR (Sodium Absorption Ratio)
- xv. Organic Content by Dry Weight
- xvi. Carbon : Nitrogen Ratio
- xvii. Water-soluble Nutrient Levels
- xviii. Recommendations for adding amendments, chemical corrections, or both.

To the "WHITEBOOK", item 5, DELETE in its entirety and SUBSTITUTE with the following:

5. The topsoil shall conform to the following agricultural suitability requirements:

pH	6.0 – 7.5
ECe (electrical conductivity)	0.0 – 3.0
SAR (Sodium Absorption Ratio)	0.0 – 5.0
Chloride Content	Less than 150 ppm
Boron Content	Less than 1 ppm
Organic Content	3% to 6% by dry weight
Carbon : Nitrogen Ratio	20:1 maximum
Sandy Loam Gradation Limit*	Gravel over 2mm: Less than 10% by weight Sand: 75% to 85% Sand finer than 100 mesh (0.15 mm): Less than 15% Sand finer than 60 mesh (0.25 mm): Less than 40% Sand larger than 32 mesh (0.5 mm): Minimum 15% Silt: 20% maximum Clay: 15% maximum
Permeability Rate**	2 inches to 5 inches per hour at 80% compaction

* Per USDA Classification Scheme.

** Tested in accordance with USDA Handbook Number 60, method 34b or other approved method.

SECTION 801 - INSTALLATION

801-2.2.1 **General.** To the "WHITEBOOK" item 4, DELETE in its entirety and SUBSTITUTE the following:

4. The topsoil shall be Class A and shall be 15 inches (381 mm) thick.

801-4.1 **General.** To the "WHITEBOOK", Item 1 and Item 2, DELETE in their entirety and SUBSTITUTE with the following:

1. Quantities, locations, and type of plant materials -trees to be planted shall be as specified in the Contract Documents. Minimum required sizes shall be:
 - a. Minimum Size Required Canopy Shade Tree = 24" Box
 - b. Minimum Size Non-Required Canopy Shade Tree = #15 (15 Gallon) Container.
 - c. Minimum Size Palm Species= 10' Brown Trunk Height (14' Brown Trunk Height at Bus Stop or Red Curb)

If after the soil excavation, the Engineer determines that it is not possible to save existing tree with the "Pneumatic Soil Excavation and Tree Root Relocation" methods, Contractor shall remove the tree and plant new tree at that location.

The Engineer will determine, based on a recommendation from the City of San Diego Horticulturist, the type of the tree to be planted.

Payment will be made to the Contractor for actual costs incurred in connection with the Pneumatic soil excavation and tree root relocation.

2. All plants shall be reviewed and approved by the Engineer prior to planting, including plants previously approved at the nursery. Contractor shall be responsible for the condition of all plants planted until the final acceptance by the Engineer.

801-7.3 **Root Pruning for Sidewalk Replacement.** To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. Roots more than 2 inches (50.8 mm) in diameter shall be preapproved for removal by the Engineer based upon a report from a certified arborist. Roots shall be cut at the nearest node to encourage roots to grow away from the walk. Root cutting shall not impact the trunk flare. Roots shall be cleanly cut from the new walk edge. Backfill excavated areas with Class A topsoil or as directed by the Engineer to existing grade and compact sufficiently to not settle when walked upon.

801-8 **MEASUREMENT.** To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Landscaping and irrigation Work shall be measured as specified in the Contract Documents and as shown in the Bid.

2. Tree Root Pruning, Root Barrier installation and Crown Reduction shall be measured by the tree trimming, root pruning, and root barrier performed and installed for each tree as specified in the Contract Documents or as directed by the Engineer.
3. Tree maintenance works required as part of preparatory works shall be included under the lump sum Bid items or for the Contract Unit Prices.

801-9 PAYMENT. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. The payment for landscaping and irrigation Work shall be included under the lump sum Bid items or for the Contract Unit Prices shown in the Bid and shall also include the payment for the Plant Establishment Period Work.
2. The payment for Tree Root Pruning, Root Barrier installation and Crown Reduction works shall be included lump sum Bid items or for the Contract Unit Prices "**Tree Root Pruning, Barrier and Crown Reduction**" for each tree.
3. When used, Decomposed Granite (DG) shall be included under the lump sum Bid items or for the Contract Unit Prices unless a separate Bid item has been provided.
4. When used, Class A Top Soil shall be included under the lump sum Bid items or for the Contract Unit Prices shown in the Bid unless a separate Bid item has been provided.
5. The demolition, removal, and disposal of various types of existing hardscape in parkway areas, such as colored concrete, bricks, flagstone in the parkway or right-of-way, shall be included in the Contract Price. When required, hardscape in parkways shall be replaced with Class A Top Soil or as directed by the Engineer.
6. If an additional tree needs to be removed after the determination of the Engineer as specified in the Contract Documents, payment for the removal of trees will be by Contract Bid Unit Price for "**Tree Removal and Disposal**" for each.
7. Payment for the Tree Root Pruning and Barrier material and work, including the certified arborist evaluation, excavation, weed removal, preparation, installment of the root barriers, root pruning, backfilling, topsoil, and other specified in the Contract Document such as in section 801-7 shall be included under "**Tree Root pruning, Barrier and Crown Reduction**" Bid Item for each.
8. Payment for tree trimming is included in the Contract Unit Bid Price for which the trimming is required and no additional payment shall be made.

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**.

1001-1.11 Post-Construction Requirements. To the "WHITEBOOK", Item 1, DELETE in its entirety and SUBSTITUTE with the following:

1. You shall comply with the post-construction storm water requirements identified in the Contract Documents.

ADD:

1001-1.11.1 Payment

1. The payment for Post-Construction Requirements as defined in 1001-1.11 "Post-Construction Requirements" shall be included in the Bid item for "**WPCP Implementation**"

1001-4.2 Payment. To the "WHITEBOOK", Item 3, subsection h DELETE in its entirety and SUBSTITUTE with the following:

- h) Post-Construction Requirements such as Inlet Markers.
-

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

TO: X Recorder County Clerk
P.O. Box 1750, MS-A-33
1600 Pacific Hwy, Room 260
San Diego, CA 92101-2422

FROM: City of San Diego
Planning Department
9485 Aero Drive, MS 413
San Diego, CA 92123

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

PROJECT TITLE: Asphalt Resurfacing Group 1902

PROJECT LOCATION-SPECIFIC: The project is located in the Community Planning Areas of Otay Mesa-Nestor within Council District 8. See attached location list for specific locations.

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

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT:

The project involves furnishing all labor, materials, equipment, services and construction which include placement of asphalt overlay, replacing traffic signal detection loops and stub outs, adjustment of city manhole and gate valve covers, cold milling, pavement base repair, installation of curb ramps to meet ADA requirements, installation of pedestrian barricades at prohibited crossing movements, replacing/installing new ADA compliant push buttons, street and sidewalk sweeping, replacing damaged curb & gutter, replacing/installing new existing traffic striping and markings/legends, replacing damaged PCC meter/pull boxes, installing new traffic striping/markings and legends, signs, possible night and weekend work, traffic control drawings & permits, storm drain inlet protection, installation of inlet markers, tree root pruning, crown reduction, and root barrier installation, as well as sediment control. All work would occur within the public right-of-way (paved streets) or previously disturbed, and non-sensitive areas only. No sensitive vegetation would be impacted or removed. Storm Water Best Management Practices (BMPs) including but not limited to good housekeeping, erosion control and sediment control preventing discharge, as well as Traffic Control Plan (TCP) would be implemented throughout construction.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego Transportation & Storm Water – Street Division, Contact: Christopher Hudson, Associate Engineer – Civil, T (619) 527-8081/chudson@sandiego.gov

EXEMPT STATUS: [TO BE COMPLETED BY PLANNING DEPT.]

- MINISTERIAL
- DECLARED EMERGENCY
- EMERGENCY PROJECT
- CATEGORICAL EXEMPTION: CEQA Guidelines Sections 15301 and 15303
- STATUTORY EXEMPTION
- COMMON SENSE EXEMPTION:

REASONS WHY PROJECT IS EXEMPT:

The City of San Diego conducted an environmental review that determined the project would not have the potential for causing a significant effect on the environment because the placement of asphalt overlay and related improvements will occur within the public right-of-way and no impacts to sensitive environmental resources would occur. The project also meets the criteria set forth in State CEQA Guidelines Section 15301 (Existing Facilities) which consists of the operation, repair, maintenance, permitting, leasing, licensing, and minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features involving negligible or no expansion of existing or former use; Section 15303 (New Construction or Conversion of Small Structures) which consists of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and the conversion of existing small structures from one use to another

where only minor modifications are made in the exterior of the structure. The exceptions listed in CEQA Guidelines Section 15300.2 would not apply in that no cumulative impacts were identified, no significant effects on the environment were identified, the project is not adjacent to a scenic highway, and no historical resources would be affected by the action. As to the exception for hazardous materials, there are no open environmental cases of known hazardous material contamination that would be disturbed which would otherwise preclude use of a CEQA exemption pursuant to Section 65962.5 of the Government Code.

CONTACT PERSON: Rebecca Malone, Senior Planner
TELEPHONE: 619-446-5371
Planning Department, City of San Diego
9485 Aero Drive, MS 413, San Diego, CA 92123

IF FILED BY APPLICANT:

- 1. ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING
- 2. HAS A NOTICE OF EXEMPTION BEEN FILED BY THE PUBLIC AGENCY APPROVING THE PROJECT?
(X) YES () NO

IT IS HEREBY CERTIFIED THAT THE CITY OF SAN DIEGO HAS DETERMINED THE ABOVE ACTIVITY TO BE EXEMPT FROM CEQA.

Rebecca Malone

4.22.2020

Rebecca Malone, Senior Planner, Planning Department

DATE

CHECK ONE:

- (X) SIGNED BY LEAD AGENCY DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:
- () SIGNED BY APPLICANT

Attachment A: Street List

Street Name	Cross Street 1	Cross Street 2	Council District	Community Planning Area
VIA TONGA CT	VIA TONGA	END	8	OTAY MESA-NESTOR
VIA TONGA	BEYER WY	VIA TONGA CT	8	OTAY MESA-NESTOR
VIA TONGA	VIA TONGA CT	PICADOR BL	8	OTAY MESA-NESTOR
HERMES ST	BEGIN	TRITON AV	8	OTAY MESA-NESTOR
HERMES ST	HERMES CT	THERMAL AV	8	OTAY MESA-NESTOR
IONIAN ST	BEGIN	TRITON AV	8	OTAY MESA-NESTOR
IONIAN ST	TRITON AV	HERMES LN	8	OTAY MESA-NESTOR
HERMES ST	TRITON AV	TRADEWIND AV	8	OTAY MESA-NESTOR
HERMES ST	TRADEWIND AV	HERMES CT	8	OTAY MESA-NESTOR
TREMAINE WY	THERMAL AV	LEON AV	8	OTAY MESA-NESTOR
TREMAINE WY	LEON AV	SATURN BL	8	OTAY MESA-NESTOR
ATHERTON AV	HOLLISTER ST	BIOLA AV	8	OTAY MESA-NESTOR
TOCAYO AV	RODEAR RD	PLANICIE WY	8	OTAY MESA-NESTOR
CABRENA ST	BIOLA AV	ATHERTON AV	8	OTAY MESA-NESTOR
TOCAYO AV	PLANICIE WY	PREDIO CT	8	OTAY MESA-NESTOR
REVENA ST	ALOSTA ST	WARDLOW AV	8	OTAY MESA-NESTOR
REVENA ST	WARDLOW AV	KATELLA ST	8	OTAY MESA-NESTOR
TOCAYO AV	GAYO CT	HOLLISTER ST	8	OTAY MESA-NESTOR
BIOLA AV	KATELLA ST	REVENA ST	8	OTAY MESA-NESTOR
BIOLA AV	DORAN ST	KATELLA ST	8	OTAY MESA-NESTOR
KATELLA ST	BIOLA AV	REVENA ST	8	OTAY MESA-NESTOR
ATHERTON AV	BIOLA AV	CABRENA ST	8	OTAY MESA-NESTOR
TOCAYO AV	PREDIO CT	GAYO CT	8	OTAY MESA-NESTOR
GROVE AV	25TH (SB) ST	27TH (SB) ST	8	OTAY MESA-NESTOR
VILLAGE PINE DR	MONTEREY PINE DR	VILLAGE PINE WY	8	OTAY MESA-NESTOR
VILLAGE PINE WY	BEGIN	VILLAGE PINE DR	8	OTAY MESA-NESTOR
25TH (SB) ST	GROVE AV	IRIS AV	8	OTAY MESA-NESTOR
MONTEREY PINE DR	VILLAGE PINE DR	END	8	OTAY MESA-NESTOR
TERRACE PINE DR	BEGIN	TERRACE PINE LN	8	OTAY MESA-NESTOR
TERRACE PINE DR	TERRACE PINE LN	MONTEREY PINE DR	8	OTAY MESA-NESTOR
MONTEREY PINE DR	IRIS AV	TERRACE PINE DR	8	OTAY MESA-NESTOR
MONTEREY PINE DR	TERRACE PINE DR	VILLAGE PINE DR	8	OTAY MESA-NESTOR
ALOSTA ST	BIOLA AV	ORO VISTA RD	8	OTAY MESA-NESTOR
QUADRA AV	LAWNDALE ST	LEATHERWOOD ST	8	OTAY MESA-NESTOR
BIOLA AV	REVENA ST	ALOSTA ST	8	OTAY MESA-NESTOR
ORO VISTA RD	ALOSTA ST	INTERNATIONAL RD	8	OTAY MESA-NESTOR
LAWNDALE ST	QUADRA AV	WARDLOW AV	8	OTAY MESA-NESTOR
WARDLOW AV	REVENA ST	INTERNATIONAL RD	8	OTAY MESA-NESTOR
HAWAII AV	REEF DR	CORONADO (SB) AV	8	OTAY MESA-NESTOR
VILLAGE PINE DR	MONTEREY PARK DR	HOWARD (SB) AV	8	OTAY MESA-NESTOR
VILLAGE PINE DR	VILLAGE PINE WY	MONTEREY PARK DR	8	OTAY MESA-NESTOR
MONTEREY PARK DR	VILLAGE PINE DR	END	8	OTAY MESA-NESTOR

APPENDIX B
FIRE HYDRANT METER PROGRAM

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

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

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

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

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

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

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

2.10 American Water Works Association Standards for Water Meters

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

3. **DEFINITIONS**

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

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 2 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

4. **POLICY**

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

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 3 OF 10	EFFECTIVE DATE October 15, 2002
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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.

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

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

Water Department Director

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

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

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

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

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

MATERIALS TYPICALLY ACCEPTED BY CERTIFICATE OF COMPLIANCE

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

APPENDIX D

SAMPLE CITY INVOICE 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

Asphalt Resurfacing Group 1902

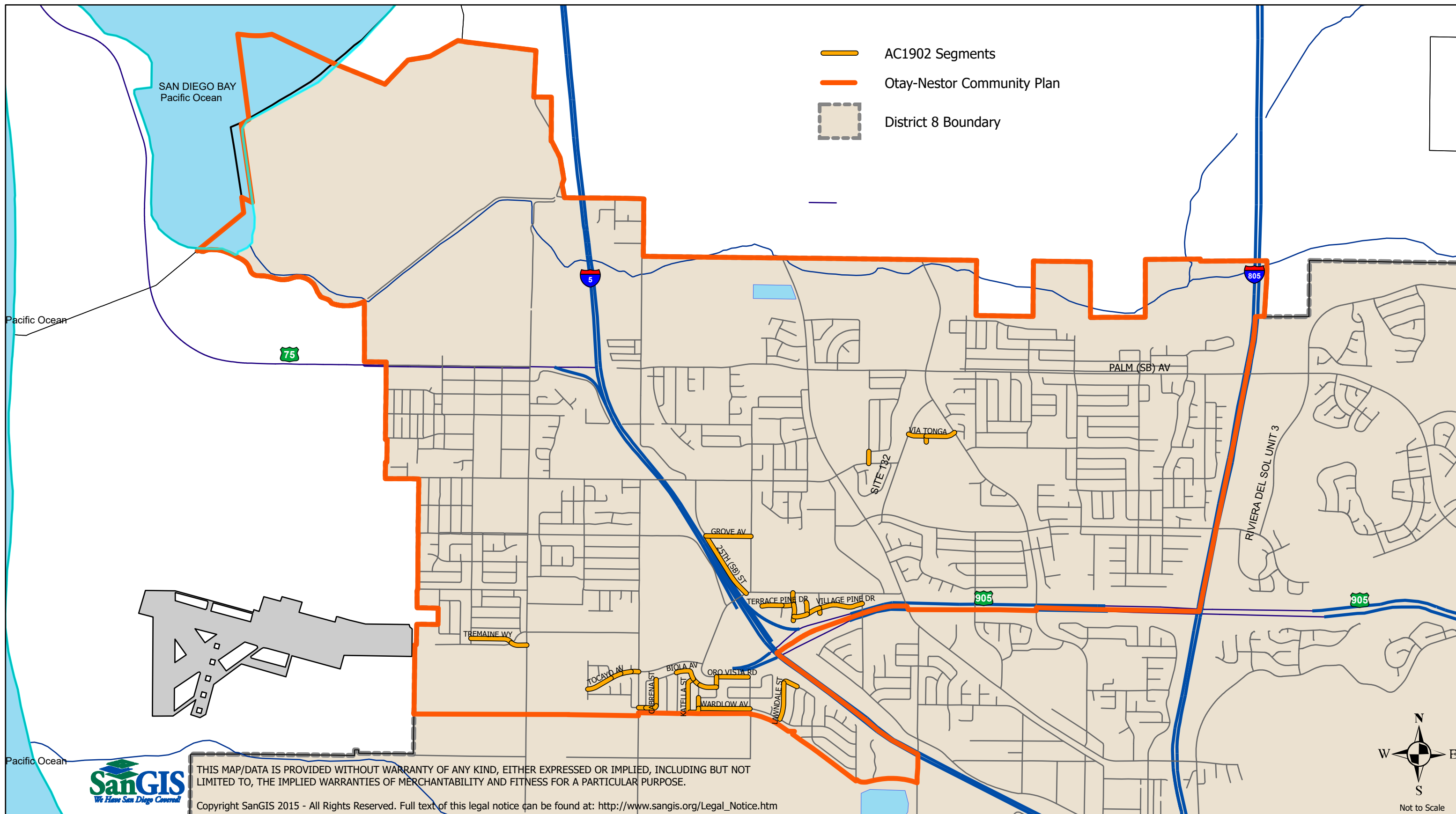
Otay-Nestor Area

SENIOR ENGINEER
Joshua Lahmann
619-527-7509

PROJECT MANAGER
Christopher Hudson
619-527-8081

PROJECT ENGINEER
Eduardo Arias
619-527-8034

FOR INFORMATION ABOUT THIS PROJECT
Call: 619-527-7509
Email: jlahmann@sandiego.gov



APPENDIX F
APPROX. PAVING LIMITS MAP BOOK

Asphalt Resurfacing Group 1902

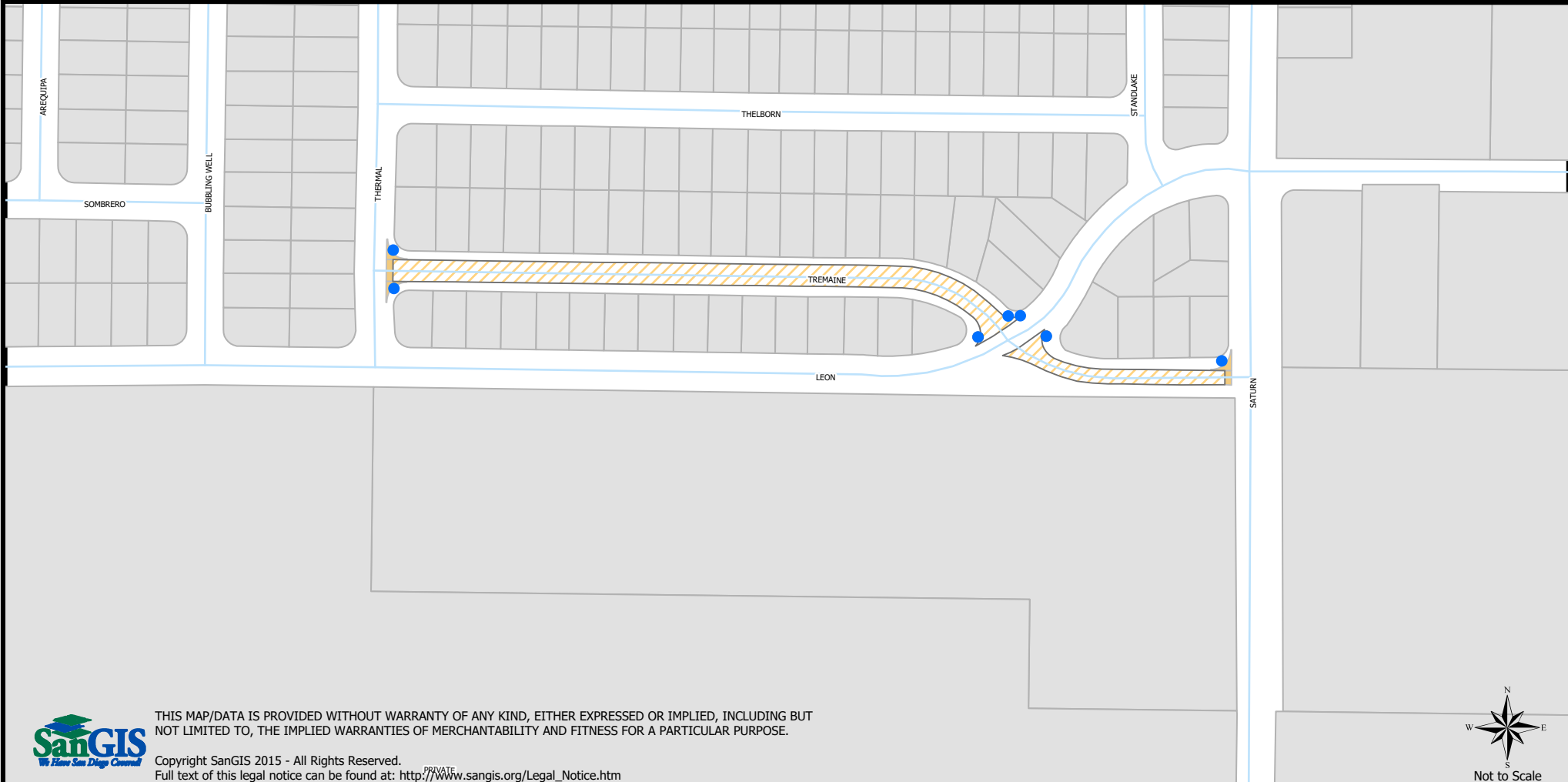
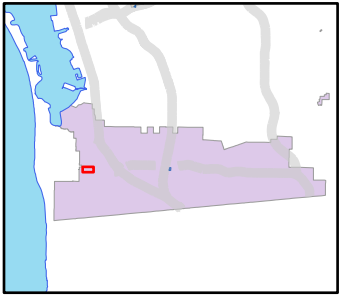
Otay-Nestor Area
Paving Limits

SENIOR ENGINEER
Joshua Lahmann
619-527-7509

PROJECT MANAGER
Christopher Hudson
619-527-8081

PROJECT ENGINEER
Eduardo Arias
619-527-8034

FOR INFORMATION ABOUT THIS PROJECT
Call: 619-527-7509
Email: jlahmann@sandiego.gov



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- Approx. Curb Ramp Locations
- Approx. Wide Curb Ramp Locations
- Approx. Cold Mill & AC Overlay - Type B Pavement Limits
- Approx. Cold Mill & AC Overlay - Type A Pavement Limits
- Approx. Concrete Work Limits

COMMUNITY NAME: Otay-Nestor COUNCIL DISTRICT: 8

Asphalt Resurfacing Group 1902

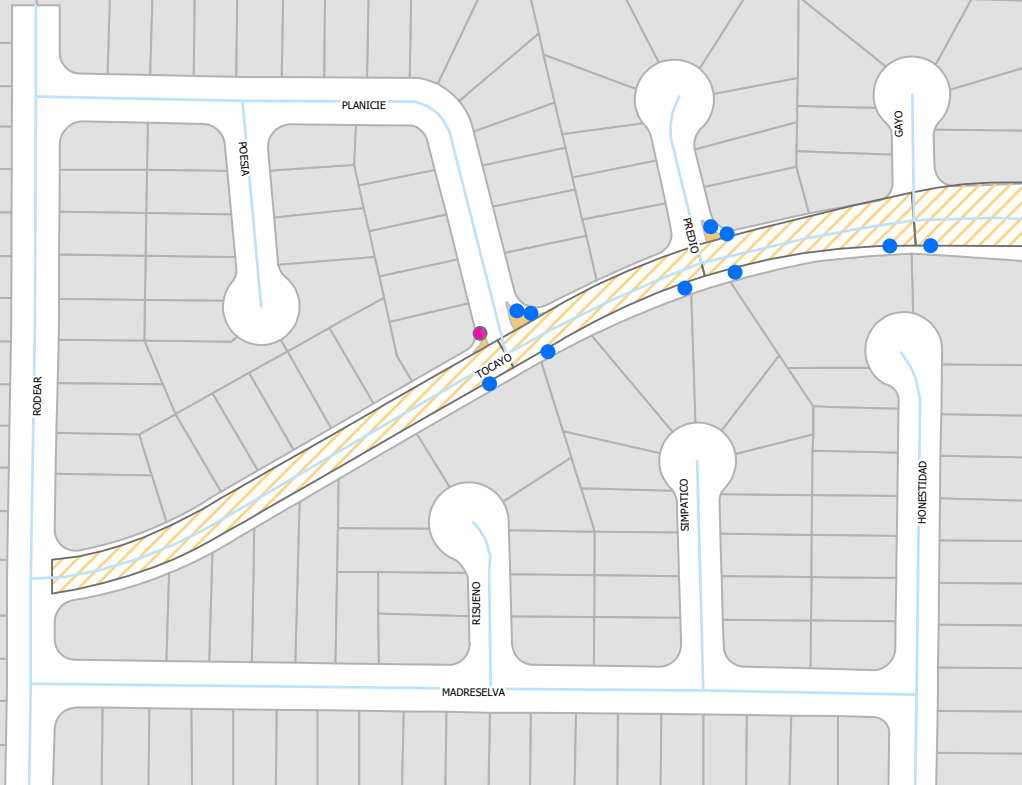
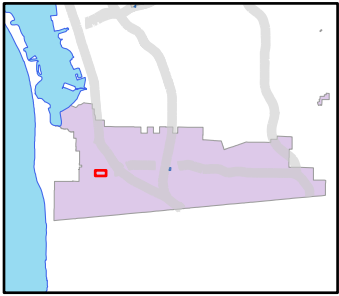
Otay-Nestor Area
Paving Limits

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619-527-8081

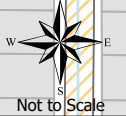
PROJECT ENGINEER
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- Approx. Concrete Work Limits

COMMUNITY NAME: Otay-Nestor

COUNCIL DISTRICT: 8

Asphalt Resurfacing Group 1902

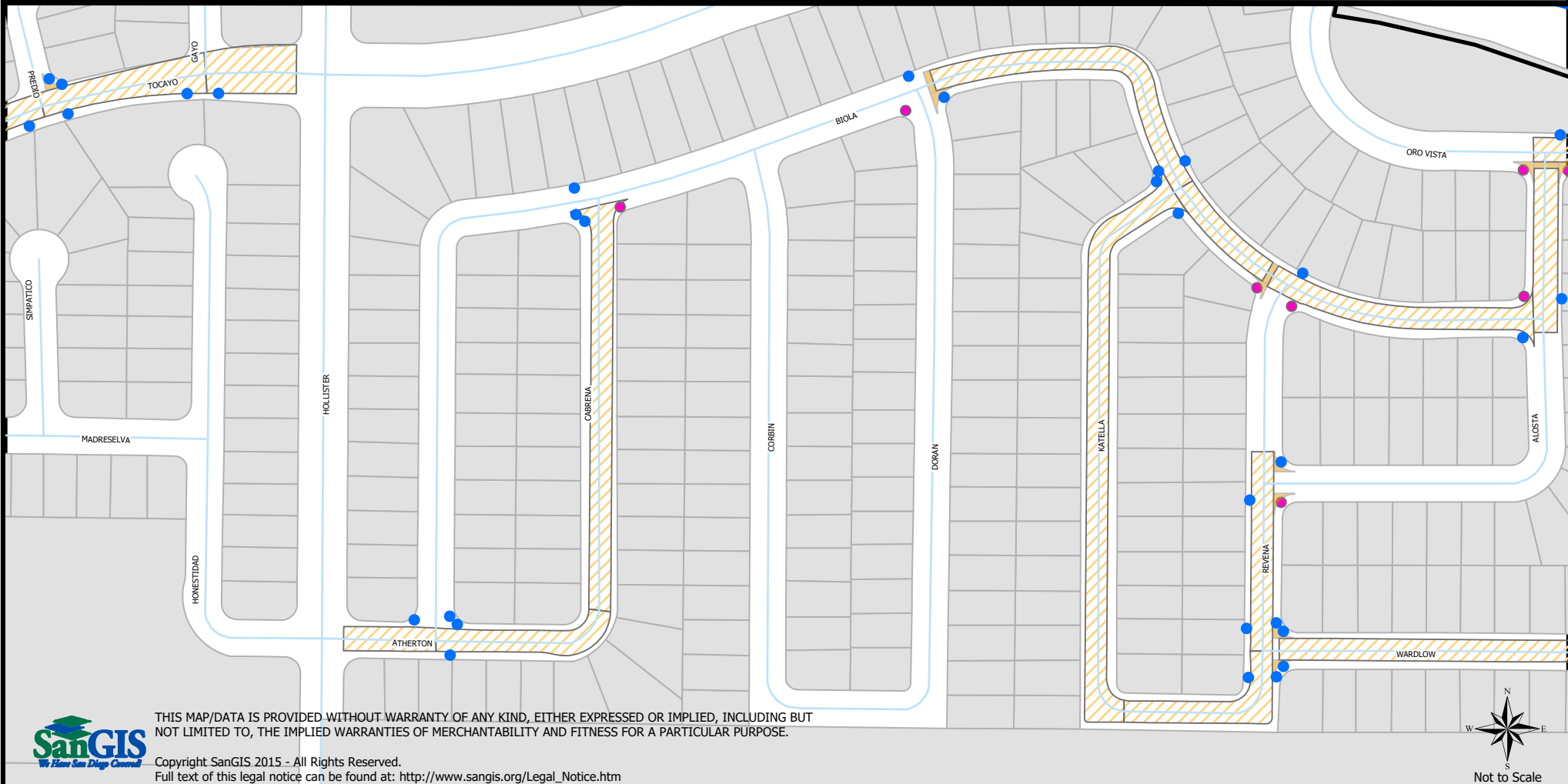
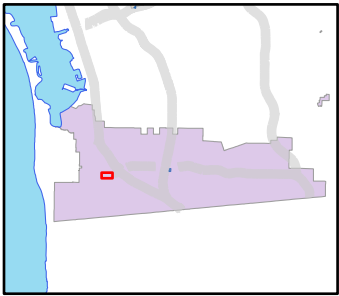
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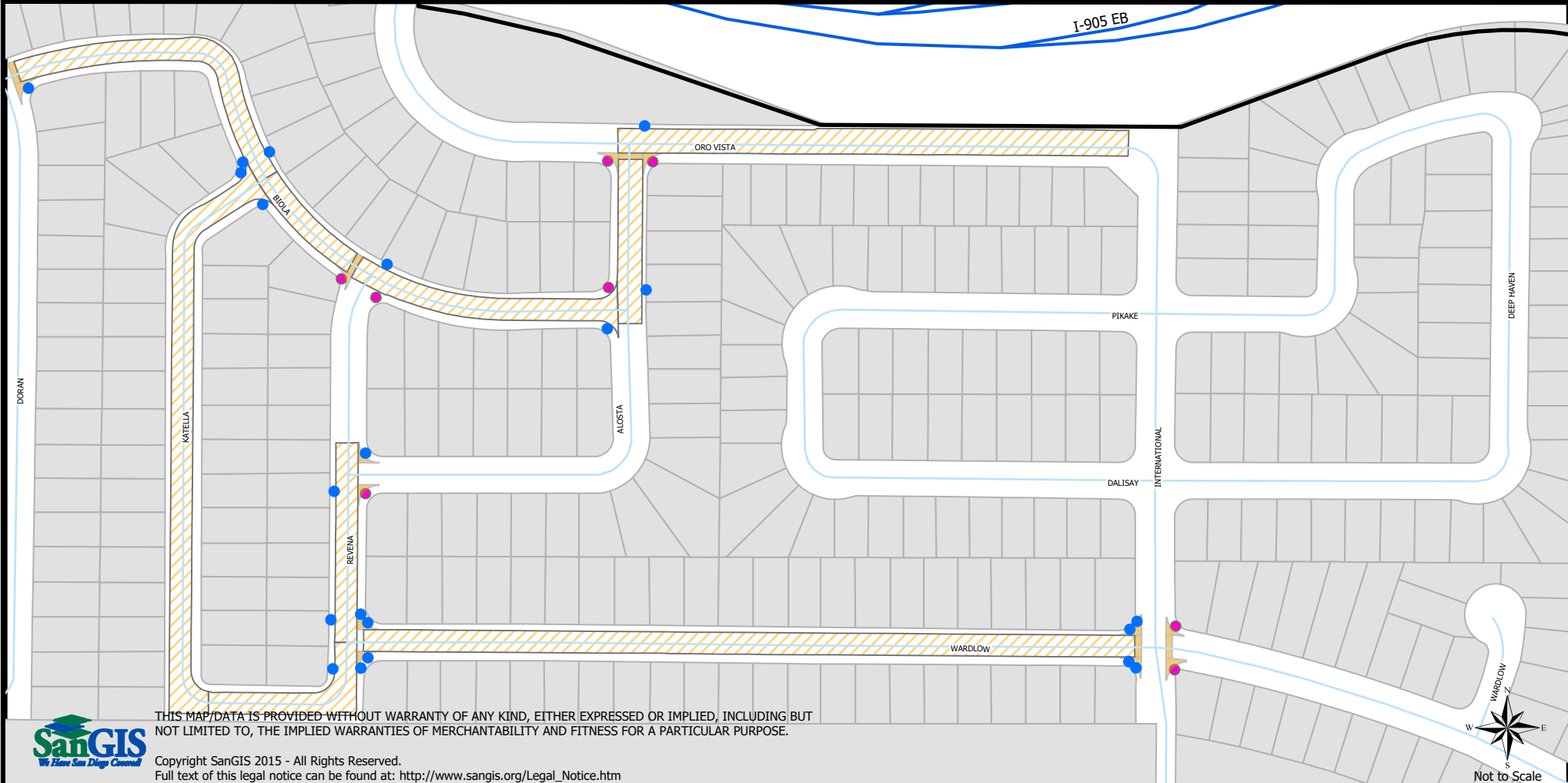
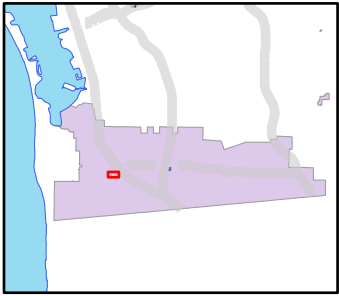
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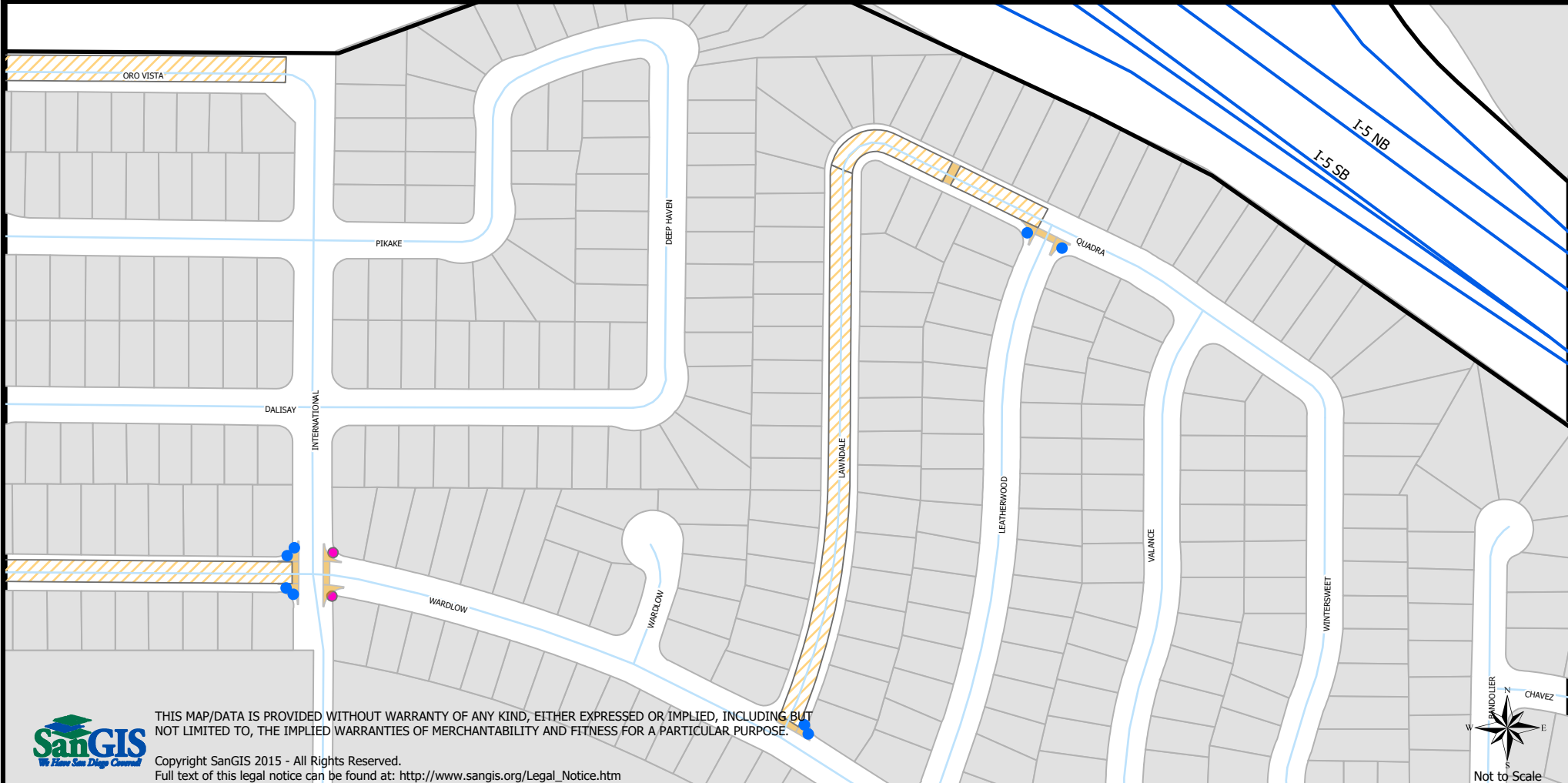
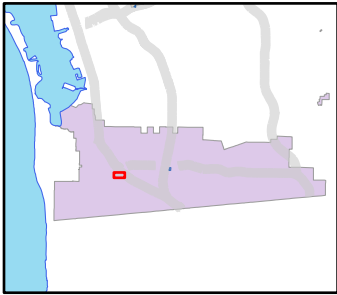
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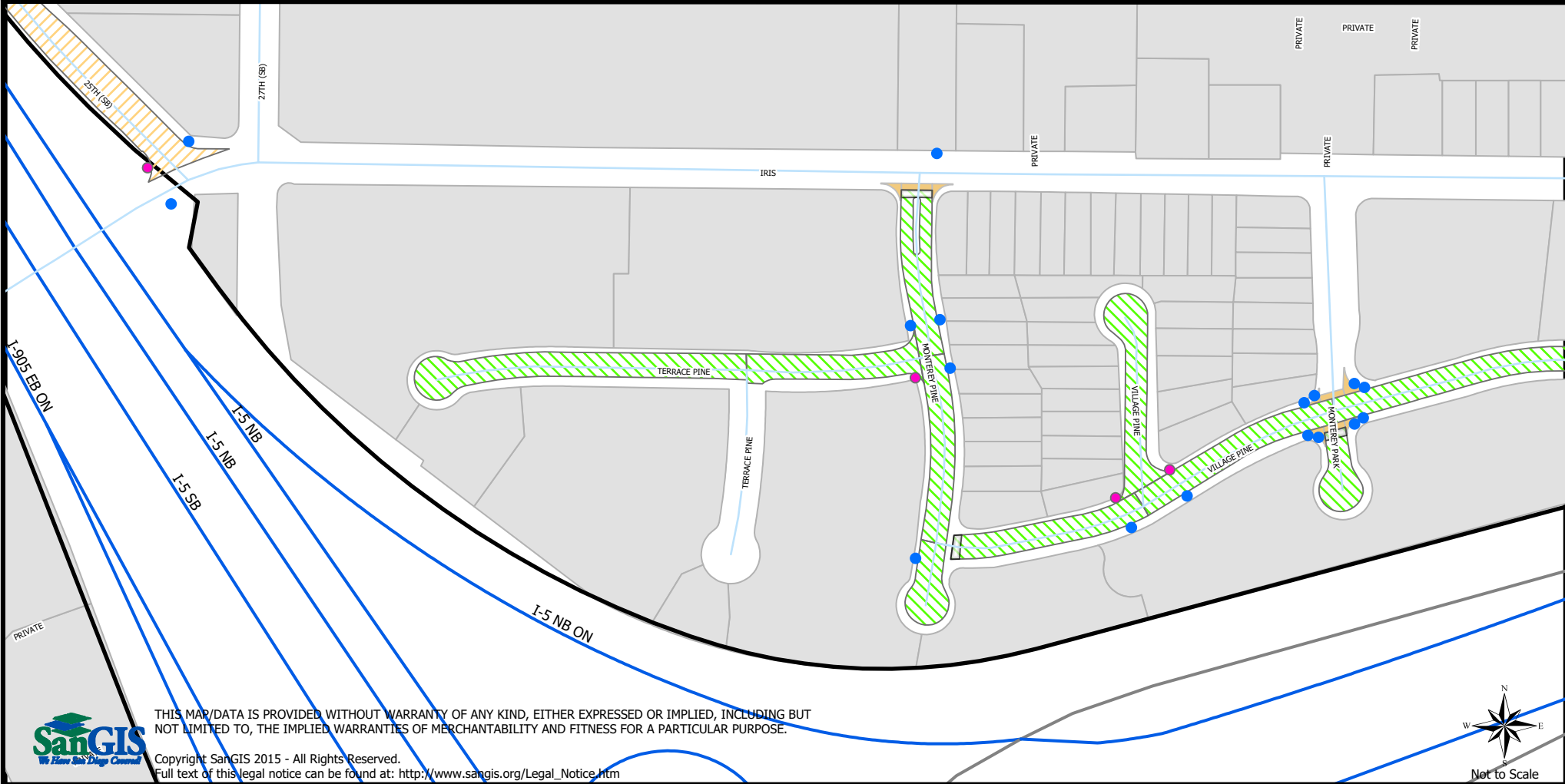
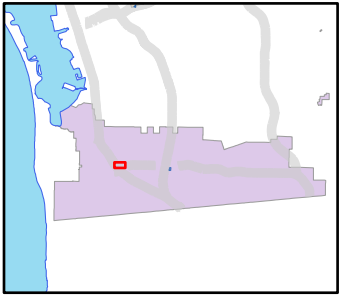
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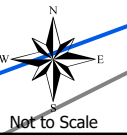
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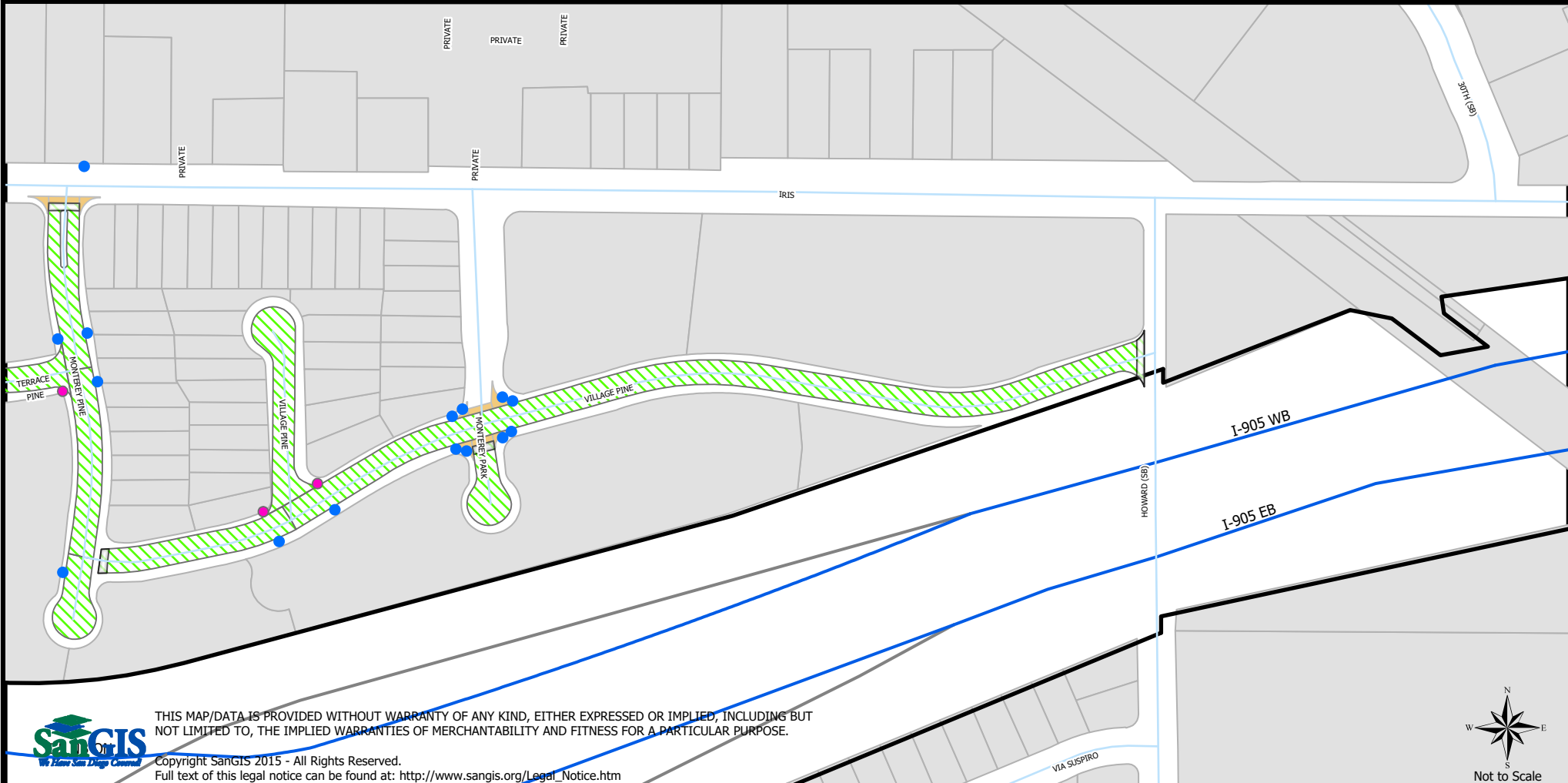
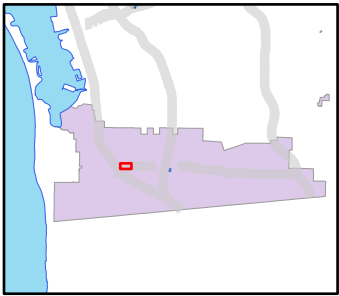
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Asphalt Resurfacing Group 1902

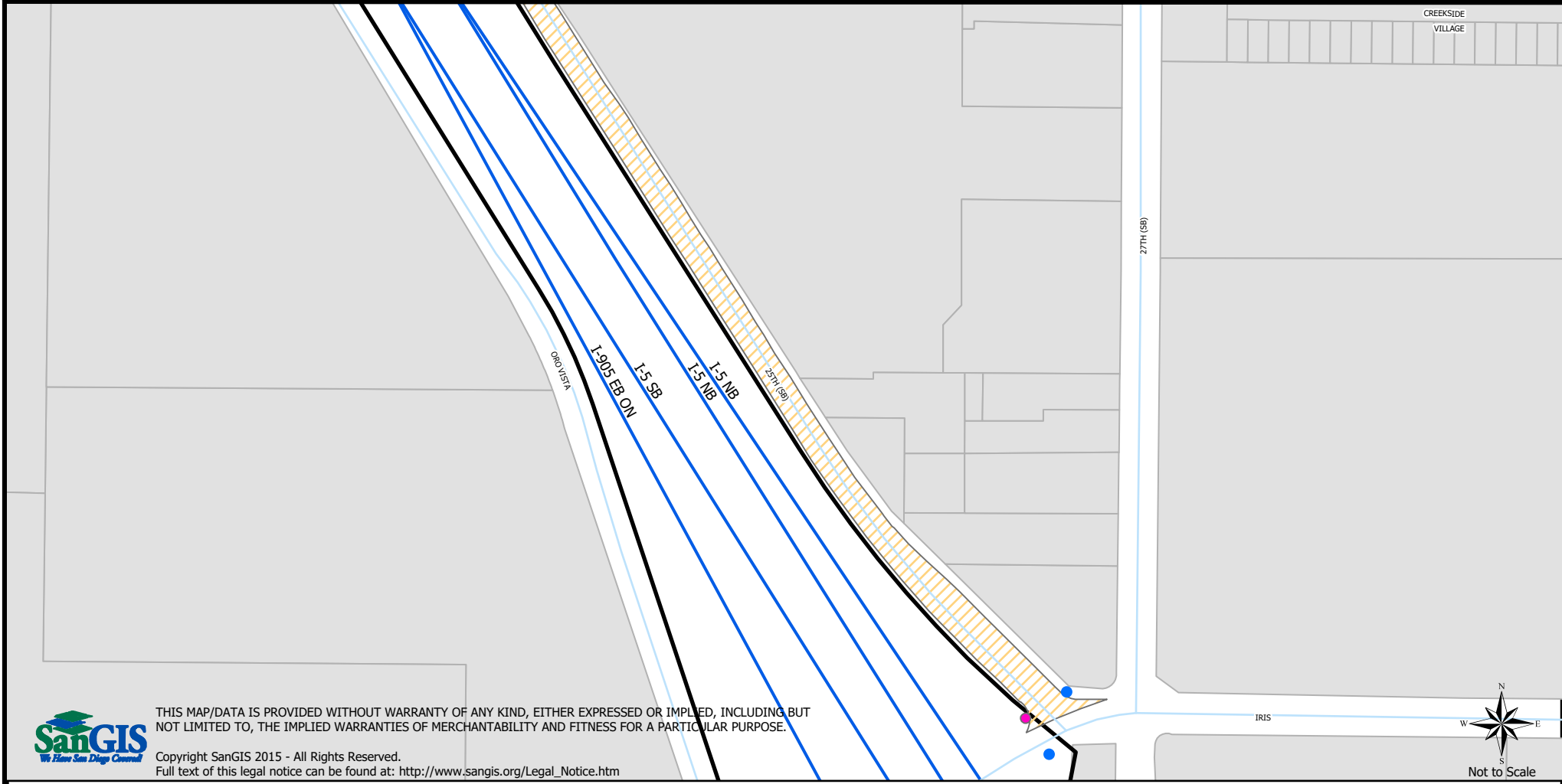
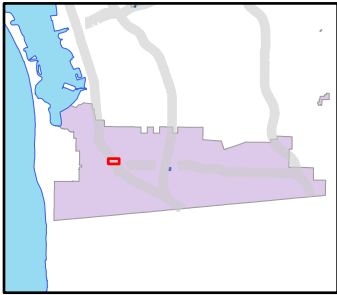
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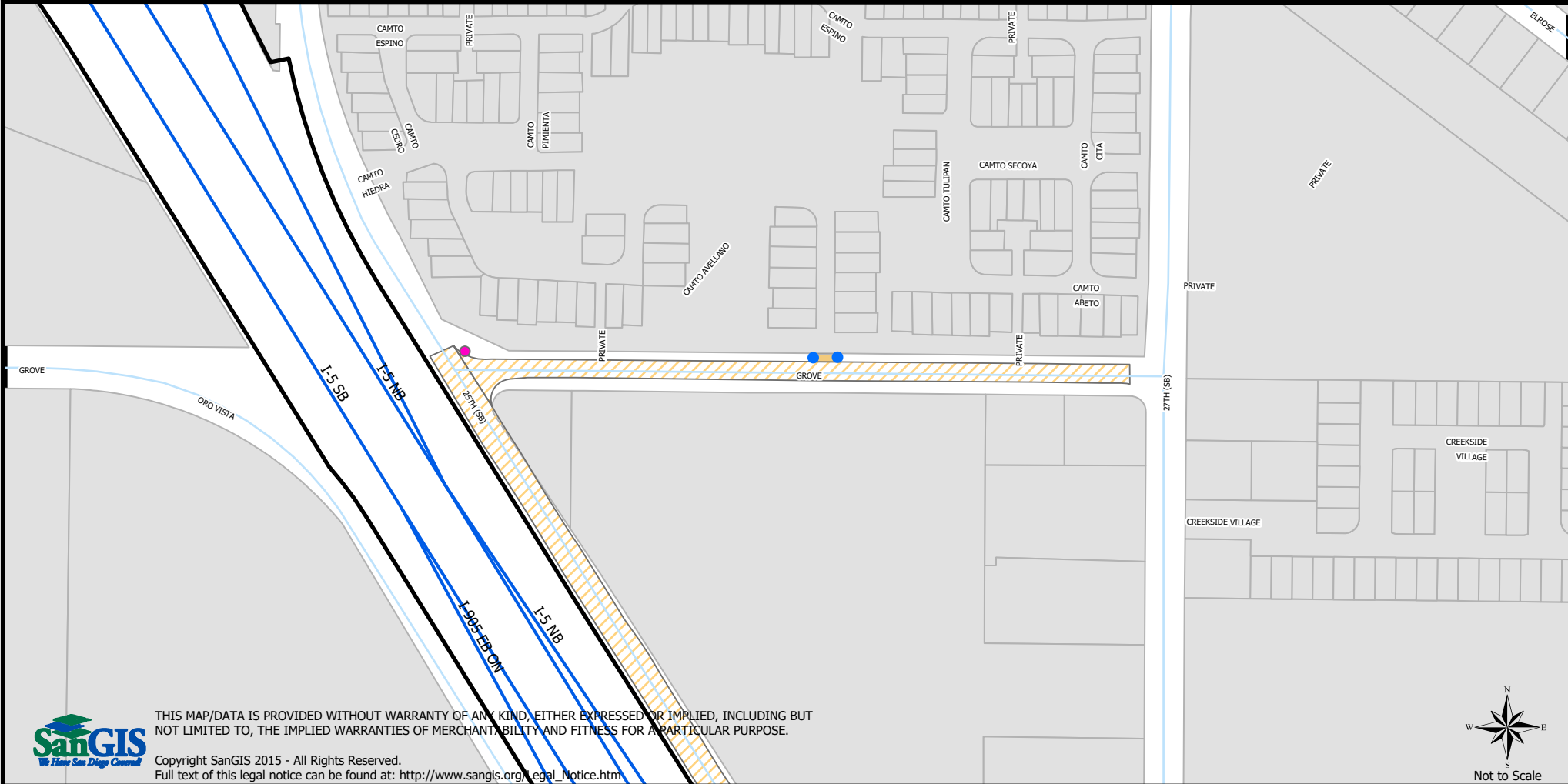
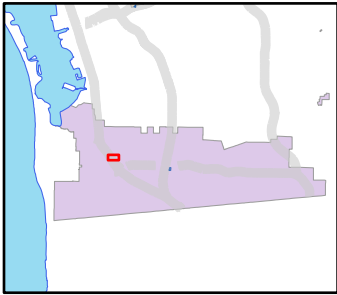
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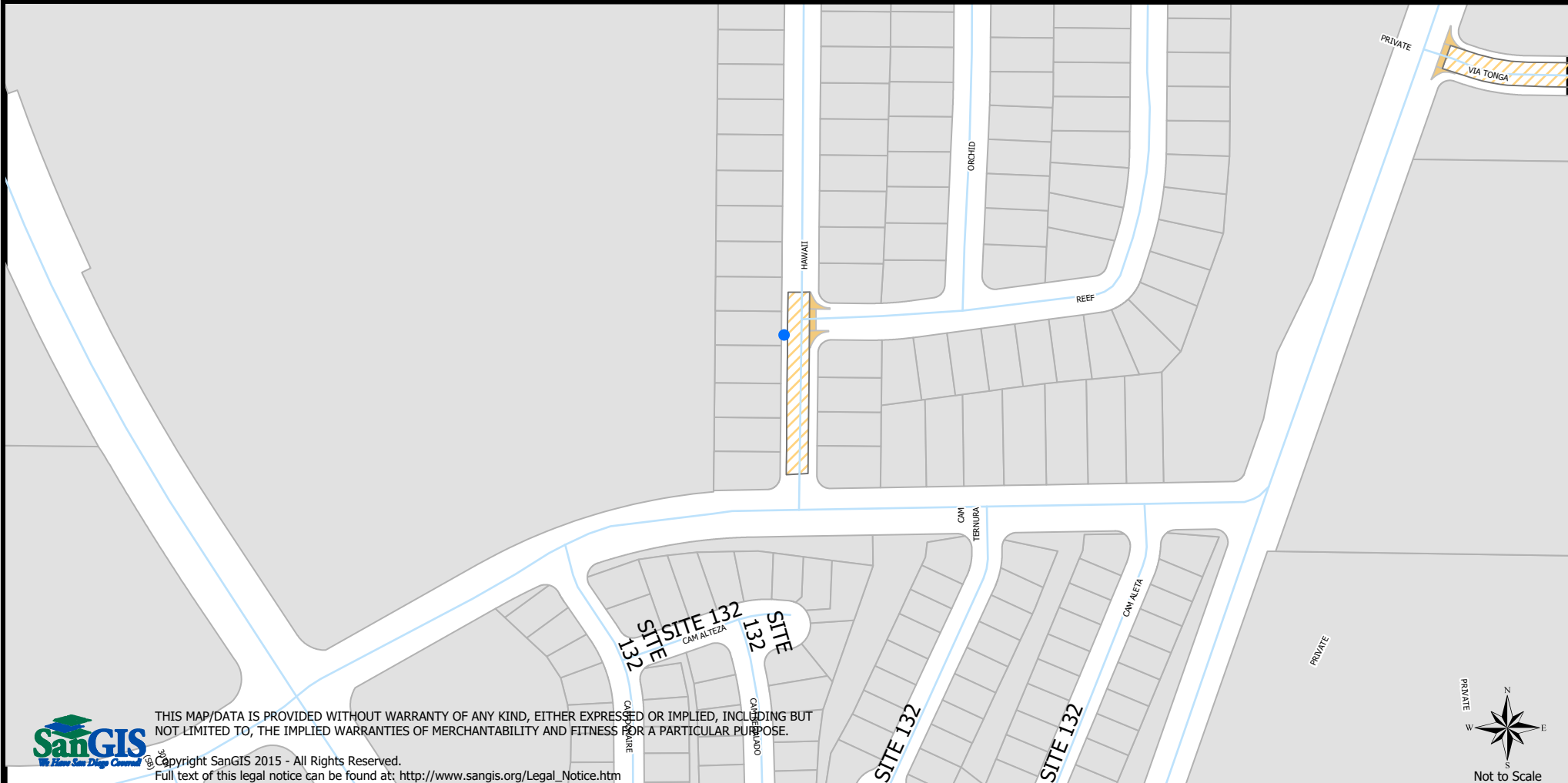
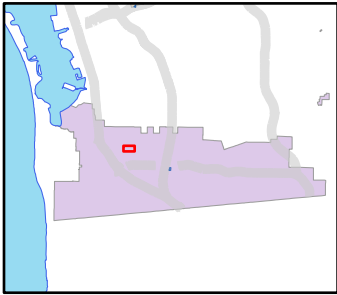
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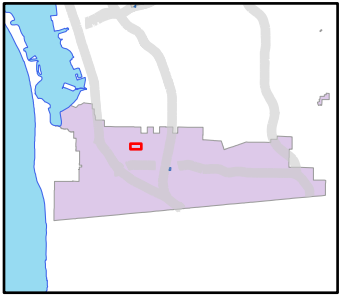
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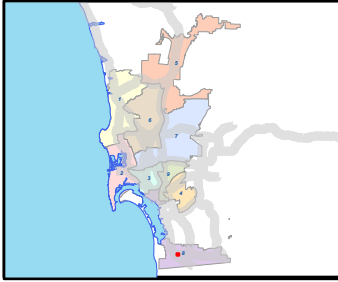
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APPENDIX G
ADJACENT PROJECTS MAPS



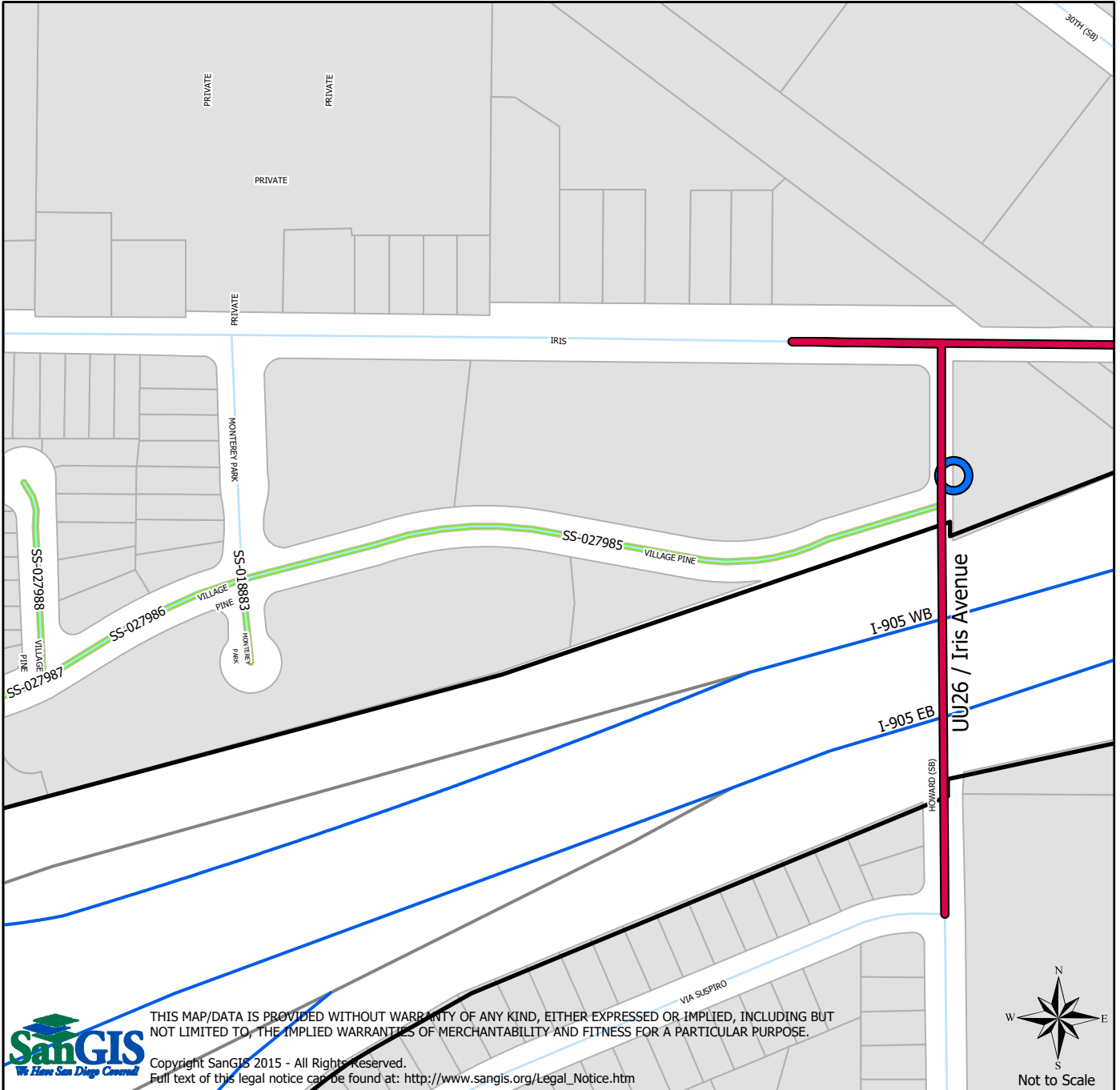
Asphalt Resurfacing Group AC1902
Adjacent Projects

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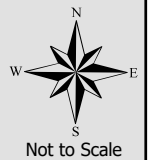
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- AC1902 Segments
- UU 366 / 27th St (SB)
- B18019 Howard Ave - Village to Iris Sidewalk

COMMUNITY NAME: Otay-Nestor

COUNCIL DISTRICT: 8

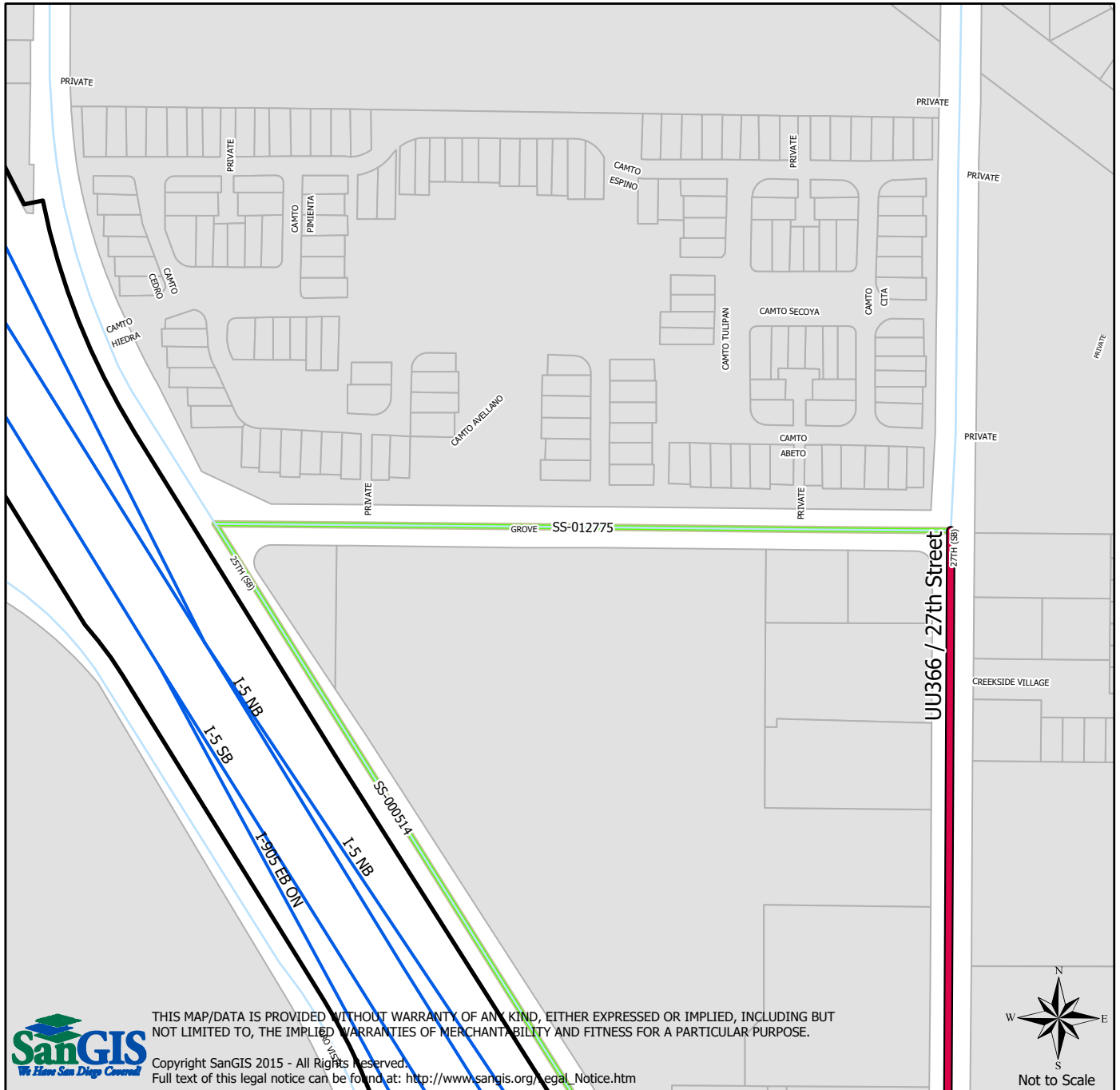
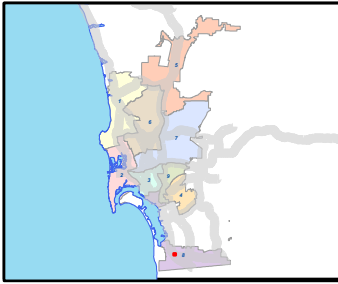
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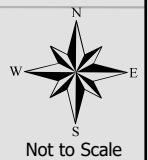
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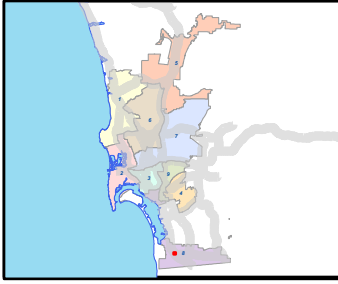
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 AC1902 Segments  UU 366 / 27th St (SB)

COMMUNITY NAME: Otay-Nestor COUNCIL DISTRICT: 8

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Adjacent Projects

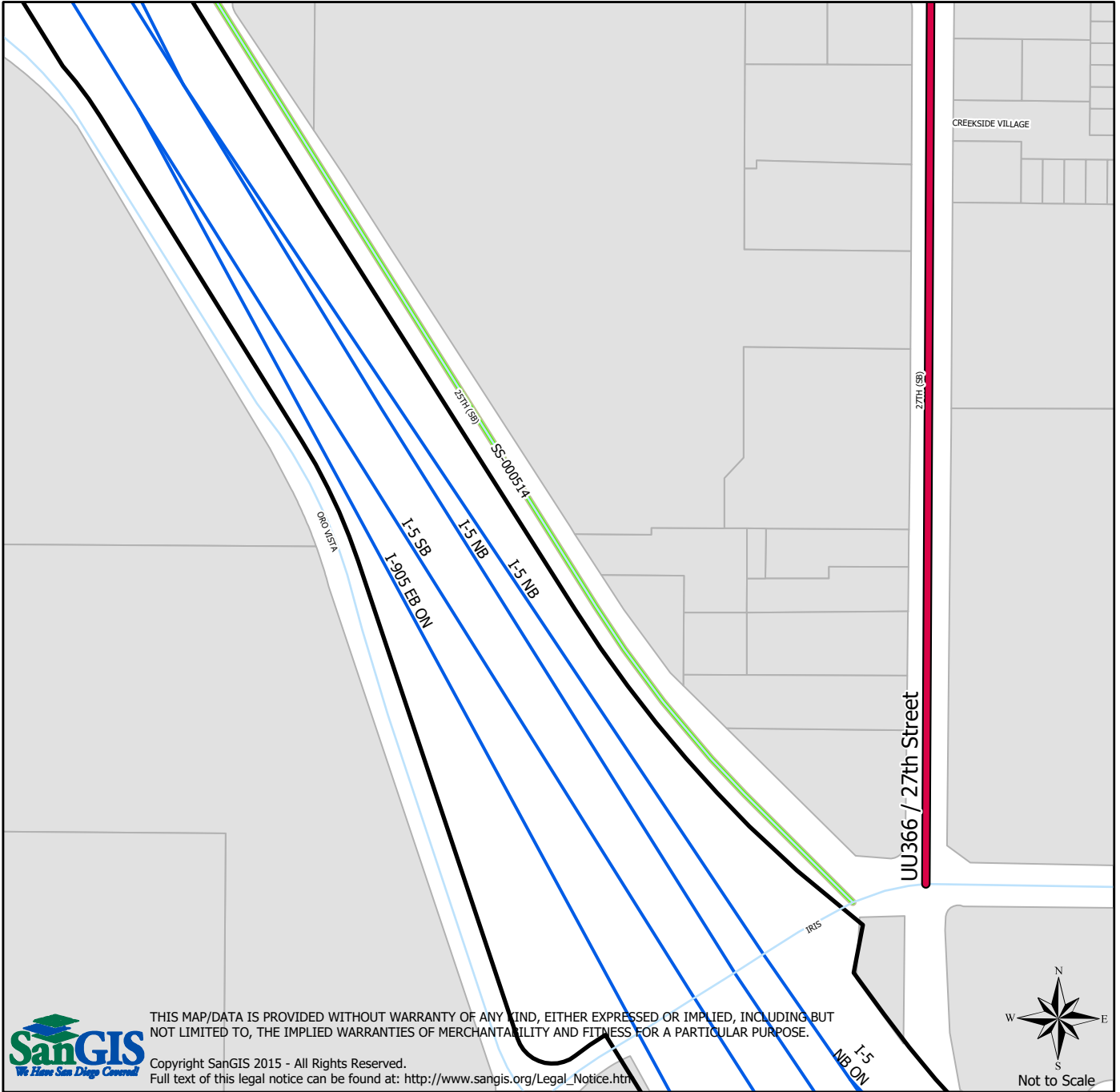


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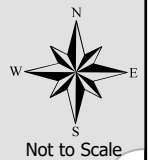
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APPENDIX H

CONTRACTOR'S DAILY QUALITY CONTROL INSPECTION REPORT

Appendix H

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 I
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 ¹

If you have an emergency, Call 911

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

Questions for Incident Assessment:

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

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

Call 911 in an emergency

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

If in doubt, report the release.

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

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

EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM

A	BUSINESS NAME	FACILITY EMERGENCY CONTACT & PHONE NUMBER () -	
B	INCIDENT DATE MO DAY YR	TIME OES NOTIFIED (use 24 hr time)	OES CONTROL NO.
C	INCIDENT ADDRESS LOCATION	CITY / COMMUNITY	COUNTY ZIP
D	CHEMICAL OR TRADE NAME (print or type)		CAS Number
E	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A <input type="checkbox"/>	CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C. Section 9603 (a) <input type="checkbox"/>	
F	PHYSICAL STATE CONTAINED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	PHYSICAL STATE RELEASED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	QUANTITY RELEASED
G	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER	TIME OF RELEASE	DURATION OF RELEASE — DAYS — HOURS — MINUTES
H	ACTIONS TAKEN		
I	KNOWN OR ANTICIPATED HEALTH EFFECTS (Use the comments section for addition information) <input type="checkbox"/> ACUTE OR IMMEDIATE (explain) _____ <input type="checkbox"/> CHRONIC OR DELAYED (explain) _____ <input type="checkbox"/> NOTKNOWN (explain) _____		
J	ADVICE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS		
K	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)		
L	CERTIFICATION: I certify under penalty of law that I have personally examined and I am familiar with the information submitted and believe the submitted information is true, accurate, and complete. REPORTING FACILITY REPRESENTATIVE (print or type) _____ SIGNATURE OF REPORTING FACILITY REPRESENTATIVE _____ DATE: _____		

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS

GENERAL INFORMATION:

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

BASIC INSTRUCTIONS:

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

SPECIFIC INSTRUCTIONS:

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

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

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

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

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

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

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

Block H: List any additional pertinent information.

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

MAIL THE COMPLETED REPORT TO:

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

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

APPENDIX J
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



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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

APPENDIX K

ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

Protecting AMI Devices in Meter Boxes and on Street Lights

The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water. **All AMI devices shall be protected per Section 402-2, "Protection", of the 2018 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:



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

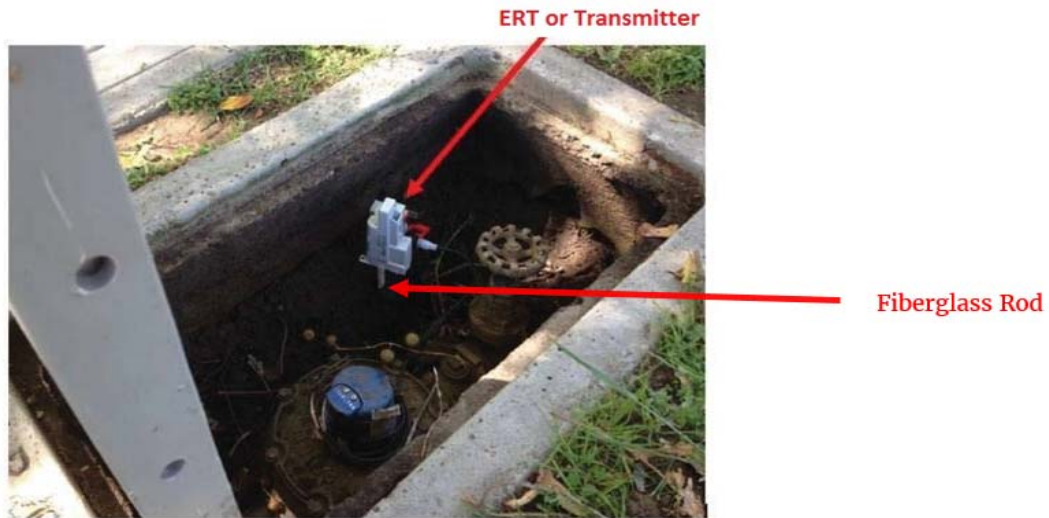


Photo 6 below is an example of disturbance that shall be avoided:

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 L
ESTIMATED ASPHALT CONSTRUCTION QUANTITIES

Item	SAPID	Street Name	Cross Street 1	Cross Street 2	Council District	TB Map Page	Trash Day	Night work	Community Planning Area	Functional Classification	Street Length (FT)	Street Width (FT)	Street Area (SF)	Cold Mill Type B Full Width AC Pavement (2 inch) (SF)	Cold Mill Type B Full Width AC Pavement (3 inch) (SF)	Cold Mill Type A 6" Edge AC Pavement (2 inch) (SF)	Cold Mill Header Cuts (LF)	Asphalt Concrete - Inlay (Tons)	Speed Hump Remove & Replace (LF)	Excavation (CY)	Asphalt Concrete - Base (Tons)	Crushed Miscellaneous Base (tons)	Traffic Detector Loop Replacement (EA)	Inlet Markers - WPCP (EA)	Inlet Protection - WPCP (EA)	TASK Comments
A1	SS-027911	VIA TONGA CT	VIA TONGA	END	8	1330-D7	Thursday	No	OTAY MESA-NESTOR	Local	102	33	3366		3366			60.6		0.00	0.00	0.00				Type B- Cold milling & asphalt concrete overlay (3 inch) Notify the school prior field work and coordinate
A2	SS-027909	VIA TONGA	BEYER WY	VIA TONGA CT	8	1330-D7	Thursday	No	OTAY MESA-NESTOR	Local	394	37	14578		14578			262.4		37.15	38.62	74.30		1	1	Type B- Cold milling & asphalt concrete overlay (3 inch) Notify the school prior field work and coordinate. Storm drain inlet across 3179 Via Tonga. Coordinate with Engineer for School Crossing Guard Bar Relocation at Via Tonga Ct intersection (SW Corner)
A3	SS-027910	VIA TONGA	VIA TONGA CT	PICADOR BL	8	1330-E7	Thursday	No	OTAY MESA-NESTOR	Collector	677	37	25049		25049			450.9		90.33	93.90	180.67	5			Type B- Cold milling & asphalt concrete overlay (3 inch) Notify the school prior field work and coordinate. Traffic loops at EB Via Tonga before Picador intersection
A4	SS-026799	TREMAINE WY	THERMAL AV	LEON AV	8	1350-A2	Thursday	No	OTAY MESA-NESTOR	Local	953	34	32402	32402				388.8		4.36	4.54	8.73				Type B- Cold milling & asphalt concrete overlay (2 inch). Coordinate with Engineer for Stop Bar relocation at Leon Av (NW, NE and SE Corners)
A5	SS-026800	TREMAINE WY	LEON AV	SATURN BL	8	1350-A2	Thursday	No	OTAY MESA-NESTOR	Local	325	25	8125	8125				97.5		0.00	0.00	0.00				Type B- Cold milling & asphalt concrete overlay (2 inch)
A6	SS-002979	ATHERTON AV	HOLLISTER ST	BIOLA AV	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	141	37	5217	5217				62.6		2.55	2.65	5.09				Type B- Cold milling & asphalt concrete overlay (2 inch)
A7	SS-026562	TOCAYO AV	RODEAR RD	PLANICIE WY	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	598	37	22126	22126				265.5		6.67	6.93	13.33		2	2	Type B- Cold milling & asphalt concrete overlay (2 inch) Storm drain inlets @ 2160 Tocayo Ave Coordinate with Engineer for Stop Bar relocation at Planicie Way (NW Corner)
A8	SS-005300	CABRENA ST	BIOLA AV	ATHERTON AV	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	618	34	21012	21012				252.1		38.58	40.10	77.15		2	2	Type B- Cold milling & asphalt concrete overlay (2 inch) Storm drain inlets @ 1838 Atherton Ave and 1849 Atherton Coordinate with Engineer for Stop Bar relocation at Biola Av (SE Corner)
A9	SS-026561	TOCAYO AV	PLANICIE WY	PREDIO CT	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	254	37	9398	9398				112.8		0.00	0.00	0.00				Type B- Cold milling & asphalt concrete overlay (2 inch) Coordinate with Engineer for Stop Bar relocation at Predio Ct (NW Corner)
A10	SS-023082	REVENA ST	ALOSTA ST	WARDLOW AV	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	274	34	9316	9316				111.8		11.15	11.59	22.30				Type B- Cold milling & asphalt concrete overlay (2 inch)
A11	SS-023083	REVENA ST	WARDLOW AV	KATELLA ST	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	286	36	10296	10296				123.6		24.61	25.58	49.21				Type B- Cold milling & asphalt concrete overlay (2 inch)
A12	SS-026559	TOCAYO AV	GAYO CT	HOLLISTER ST	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	139	72	10008	10008				120.1		6.39	6.65	12.79	9			Type B- Cold milling & asphalt concrete overlay (2 inch) Loops @ EB, before Hollister St intersection
A13	SS-004239	BIOLA AV	KATELLA ST	REVENA ST	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	187	33	6171	6171				74.1		20.12	20.92	40.24				Type B- Cold milling & asphalt concrete overlay (2 inch)
A14	SS-004242	BIOLA AV	DORAN ST	KATELLA ST	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	505	34	17170	17170				206.0		68.70	71.41	137.39				Type B- Cold milling & asphalt concrete overlay (2 inch) Coordinate with Engineer for Stop Bar relocation at Doran St (SE Corner)
A15	SS-014932	KATELLA ST	BIOLA AV	REVENA ST	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	870	35	30450	30450				365.4		25.70	26.71	51.39		2	2	Type B- Cold milling & asphalt concrete overlay (2 inch). Storm drain inlet @ 1844 Katella and 1843 Katella Coordinate with Engineer for Stop Bar relocation at Biola Av (SW Corner)
A16	SS-002980	ATHERTON AV	BIOLA AV	CABRENA ST	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	275	35	9625	9625				115.5		3.73	3.87	7.45				Type B- Cold milling & asphalt concrete overlay (2 inch)
A17	SS-026560	TOCAYO AV	PREDIO CT	GAYO CT	8	1350-B3	Thursday	No	OTAY MESA-NESTOR	Residential	255	45	11475	11475				137.7		0.00	0.00	0.00	1			Type B- Cold milling & asphalt concrete overlay (2 inch)
A18	SS-012775	GROVE AV	25TH (SB) ST	27TH (SB) ST	8	1350-C1	Thursday	No	OTAY MESA-NESTOR	Residential	1040	30	31200	31200				374.4		6.91	7.18	13.82		2	2	Type B- Cold milling & asphalt concrete overlay (2 inch) Stop resurfacing at PCR before 27th St. Storm drain inlet @ NE corner with 25th street and other at NE corner with Caminito Avellano
A19	SS-027987	VILLAGE PINE DR	MONTEREY PINE DR	VILLAGE PINE WY	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	303	37	11211			3588	37	134.5		0.00	0.00	0.00		1	1	2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill) Header Cut @ Village Pine Dr / Monterey Pine Dr. Storm drain inlet @ SE corner with Monterey Pine Dr.
A20	SS-027988	VILLAGE PINE WY	BEGIN	VILLAGE PINE DR	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	300	42	12600			4026		151.2		1.58	1.64	3.15				2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill)
A21	SS-000514	25TH (SB) ST	GROVE AV	IRIS AV	8	1350-C2		No	OTAY MESA-NESTOR	Residential	1683	45	75735	75735				908.8		0.00	0.00	0.00	8			Type B- Cold milling & asphalt concrete overlay (2 inch). Loops at 25th St SB lane before Iris Ave intersection Coordinate with Engineer for Stop Bar relocation at Grove Av (NE Corner)

Item	SAPID	Street Name	Cross Street 1	Cross Street 2	Council District	TB Map Page	Trash Day	Night work	Community Planning Area	Functional Classification	Street Length (FT)	Street Width (FT)	Street Area (SF)	Cold Mill Type B Full Width AC Pavement (2 inch) (SF)	Cold Mill Type B Full Width AC Pavement (3 inch) (SF)	Cold Mill Type A 6" Edge AC Pavement (2 inch) (SF)	Cold Mill Header Cuts (LF)	Asphalt Concrete - Inlay (Tons)	Speed Hump Remove & Replace (LF)	Excavation (CY)	Asphalt Concrete - Base (Tons)	Crushed Miscellaneous Base (tons)	Traffic Detector Loop Replacement (EA)	Inlet Markers - WPCP (EA)	Inlet Protection - WPCP (EA)	TASK Comments
A22	SS-018886	MONTEREY PINE DR	VILLAGE PINE DR	END	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	126	48	6048			1794		72.6		0.00	0.00	0.00		1	1	2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill). Storm drain inlet at End of cul de sac
A23	SS-026311	TERRACE PINE DR	BEGIN	TERRACE PINE LN	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	510	40	20400			6090		244.8		184.33	191.61	368.67		2	2	2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill). Storm drain inlets at 200 ft east of End of cul de sac both sides
A24	SS-026310	TERRACE PINE DR	TERRACE PINE LN	MONTEREY PINE DR	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	265	40	10600			3264		127.2		13.64	14.18	27.27				2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill)
A25	SS-018884	MONTEREY PINE DR	IRIS AV	TERRACE PINE DR	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	255	40	10200			4356	47	122.4		114.15	118.66	228.30				2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill). Header Cut @ Monterey Pine Dr / Iris Ave Coordinate with Engineer for Stop Bar relocation at Iris Av (NE Corner)
A26	SS-018885	MONTEREY PINE DR	TERRACE PINE DR	VILLAGE PINE DR	8	1350-C2	Thursday	No	OTAY MESA-NESTOR	Residential	288	38	10944			3204		131.3		86.09	89.49	172.18				2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill)
A27	SS-002201	ALOSTA ST	BIOLA AV	ORO VISTA RD	8	1350-C3	Thursday	No	OTAY MESA-NESTOR	Residential	251	37	9287	9287				111.4		32.82	34.11	65.64				Type B- Cold milling & asphalt concrete overlay (2 inch)
A28	SS-022457	QUADRA AV	LAWNDALE ST	LEATHERWOOD ST	8	1350-C3	Thursday	No	OTAY MESA-NESTOR	Residential	350	33	11550	11550				138.6		7.36	7.65	14.73		1	1	Type B- Cold milling & asphalt concrete overlay (2 inch) Storm drain inlet @ 2838 Quadra ave
A29	SS-004240	BIOLA AV	REVENA ST	ALOSTA ST	8	1350-C3	Thursday	No	OTAY MESA-NESTOR	Residential	410	35	14350	14350				172.2		23.82	24.76	47.64				Type B- Cold milling & asphalt concrete overlay (2 inch) Coordinate with Engineer for Stop Bar relocation at Revena St (SE Corner) and Alosta St (SW Corner)
A30	SS-030279	ORO VISTA RD	ALOSTA ST	INTERNATIONAL RD	8	1350-C3	Thursday	No	OTAY MESA-NESTOR	Prime	780	39	30420		30420			547.6	160	19.67	20.44	39.33		2	2	Type B- Cold milling & asphalt concrete overlay (3 inch), Speed hump at 80 feet east of Alosta St intersection, 1932, 1964 and 1996 Oro Vista Rd. Storm drain inlet @ 1916 Oro Vista Rd both sides of street Coordinate with Engineer for Stop Bar relocation at Alosta St (SE Corner)
A31	SS-016209	LAWNDALE ST	QUADRA AV	WARDLOW AV	8	1350-C3	Thursday	No	OTAY MESA-NESTOR	Residential	852	33	28116	28116				346.4		7.52	7.81	15.03				Type B- Cold milling & asphalt concrete overlay (2 inch)
A32	SS-030348	WARDLOW AV	REVENA ST	INTERNATIONAL RD	8	1350-C3	Thursday	No	OTAY MESA-NESTOR	Residential	1180	33	38940	38940				467.3	180	1.82	1.89	3.64				Type B- Cold milling & asphalt concrete overlay (2 inch) Speed hump at 2616, 2636, 2649, 2669 and 2689 Wardlow Av Coordinate with Engineer for Stop Bar relocation at International Rd (SW, SE and NE Corner)
A33	SS-013200	HAWAII AV	REEF DR	CORONADO (SB) AV	8	1350-D1		No	OTAY MESA-NESTOR	Local	252	34	8568		8568			154.2		31.27	32.51	62.55				Type B- Cold milling & asphalt concrete overlay (3 inch), start at Hawaii and Coronado north PCR(include concrete trench cap)
A34	SS-027985	VILLAGE PINE DR	MONTEREY PARK DR	HOWARD (SB) AV	8	1350-D2	Thursday	No	OTAY MESA-NESTOR	Residential	1034	38	39292			13032	86	471.5		181.82	189.00	363.64				2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill) Header Cut @ Village Pine Dr / Howard Ave
A35	SS-027986	VILLAGE PINE DR	VILLAGE PINE WY	MONTEREY PARK DR	8	1350-D2	Thursday	No	OTAY MESA-NESTOR	Residential	327	39	12753			3564		153.0		3.64	3.78	7.27		1	1	2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill). Storm drain inlet @ NE corner with Village Pine Way
A36	SS-018883	MONTEREY PARK DR	VILLAGE PINE DR	END	8	1350-D2	Thursday	No	OTAY MESA-NESTOR	Residential	143	39	5577			1908	34	66.9		0.00	0.00	0.00				2 inch, Type A Cold milling & asphalt concrete overlay - Type A (6' edge Cold Mill) Header Cut @ Monterey Park Dr / Village Pine Dr
Totals											19353		633575	411969	81981	44826	204	8094.79	340	1056.45	1098.18	2112.91	23	17	17	

APPENDIX M
ESTIMATED CONCRETE CONSTRUCTION QUANTITIES

Item	Street Name	Cross Street 1	PCC Curb Ramp NE (Type)	PCC Curb Ramp NW (Type)	PCC Curb Ramp SE (Type)	PCC Curb Ramp SW (Type)	Curb Ramp Count	Pedestrian Push Button Relocation	New Pedestrian Push Button	New Pedestrian Push Button Post	Cross Gutter (SF)	Cross Gutter (Spandrel) (SF)	Residential Concrete Driveway (SF)	Remove and Replace Curb and Gutter (LF)	Remove and Replace Existing Sidewalk (SF)	Pull Box (EA)	Historical Contractor Date Stamps and Historical Impressions(EA)	Task Comment
C1	VIA TONGA	VIA TONGA CT												74	150			Remove and replace: - at 3281 Via Tonga, 24 LF curb and gutter and 30 SF sidewalk - at 3324 Via Tonga, 25 LF curb and gutter 20 SF sidewalk - at 848 Picador Blvd (on Via Tonga, West side of SW corner via Tonga/Picador Blvd), 25 lf curb and gutter and 100 sf sidewalk. See T1
C2	VIA TONGA CT	VIA TONGA		C2	C2	A, C2	4				335	520						At South leg of intersection replace cross gutter and spandrel. SE Corner - Install 8ft wide open curb ramp SW Corner - Type C2 on SW-NW crossing and Type A on W-E crossing See A2 for Stop Bar Relocation
C3	VIA TONGA	BEYER WY									372	480		37	64		1	Remove and replace: - at 821 Beyer Way (North Side)corner 6 LF curb and gutter and Historical Stamp - at SE corner across 821 Beyer Way (East Side) 15 LF curb and gutter - at 3175 Via Tonga, 16 LF curb and gutter and 64 SF of sidewalk. Replace cross gutter and spandrel @ NE-SE leg of intersection
C4	GROVE AVE	25TH	C1				1											NE Corner.- Type C1 8 ft wide open curb ramp See A21 for Stop Bar Relocation
C5	GROVE AVE	CAMINITO AVELLANO(PRIVATE)	C1	C1			2				400							Install Type C1 curb ramps and cross gutter. Replace Cross gutter @ north leg of intersection
C6	25TH	IRIS AV	C1	C1	C1		3	4	4	3		0		50	170			NW corner install a 8 ft wide open curb ramp. NE corner.- install 1 new PPB and 1 post. NW corner.- install 2 new PPB and 1 post. SW corner.- install 1 new PPB and 1 post.
C7	TREMAINE WY	THERMAL AV	A		A		2				335	540						4 Replace Cross gutter and spandrels at East leg
C8	TREMAINE WY	SATURN BLVD		A/C2			1				220	280						At West leg of intersection Remove and replace Cross gutter and spandrel
C9	TREMAINE WY	LEON AV	C1, C1	C2	C1		4											3 At SE corner see item T3 See A4 for Stop Bar Relocation
C10	TOCAYO AVE	PLANICIE WAY	C2,C2	C2	C1	C1	5					600						NE Corner.- Dual Type C2 curb ramps NW Corner.- Type C2 8ft wide open curb ramp save existing Xgutter @ North leg, dowel NE and NW spandrels to Xgutter See A7 for Stop Bar Relocation

Item	Street Name	Cross Street 1	PCC Curb Ramp NE (Type)	PCC Curb Ramp NW (Type)	PCC Curb Ramp SE (Type)	PCC Curb Ramp SW (Type)	Curb Ramp Count	Pedestrian Push Button Relocation	New Pedestrian Push Button	New Pedestrian Push Button Post	Cross Gutter (SF)	Cross Gutter (Spandrel) (SF)	Residential Concrete Driveway (SF)	Remove and Replace Curb and Gutter (LF)	Remove and Replace Existing Sidewalk (SF)	Pull Box (EA)	Historical Contractor Date Stamps and Historical Impressions(EA)	Task Comment
C11	TOCAYO AVE	PREDIO CT	A, C2		C1	C1	4					275						Dual ramp @ NE Corner Type A on NE-NW Crossing, Type C2 on NE-SE Crossing At NE Corner.- Dowel spandrel in to existing Xgutter See A9 for Stop Bar Relocation
C12	TOCAYO AVE	GAYO CT			C2	C1	2											
C13	ATHERTON AV	BIOLA	A, A	A	C1		4									1		NE Corner.- Relocate street name sign. NW Corner.- Incorporate street light pull box into curb ramp landing
C14	CABRENA ST	ATHERTON AV					0							45	338			At 1890 Cabrena St, remove existing curb ramp and replace with sidewalk (338 SF) and curb and gutter (45 lf).
C15	CABRENA ST	BIOLA AV		B	C2	A, A	4											At SE corner install Type C2 8ft wide opening See A8 for Stop Bar Relocation
C16	REVENA ST	ALOSTA ST	C2		C2	C1	3					535						Dowel NE and SE new spandrel to existing NE-SE cross gutter. SE Corner install a 8 ft wide curb ramp See A29
C17	REVENA ST	WARDLOW AV	C2, C2	C1	A, A	C1	6					535						Dowel new NE and SE spandrel to existing east leg cross gutter.
C18	REVENA ST	REVENA ST					0							53	362.5			At 1890 Revena St, Remove existing Curb ramp and Replace with NW corner Sidewalk 245 SF and NW corner curb and gutter 35 LF SE Corner Sidewalk 117.5 SF and SE Corner Curb and Gutter 18 LF
C19	BIOLA AV	DORAN ST		B	A/C2	C2	3				340	330						SW Corner install a 8 ft wide opening curb ramp. Cross gutter and spandrel @ east leg See A14 for Stop Bar Relocation
C20	BIOLA AV	BIOLA AV					0							35	245			At 2545 Biola Ave, Remove existing Curb Ramp and Replace with sidewalk 245 SF and Curb and gutter 35 LF.
C21	BIOLA AV	KATELLA ST	C2	C2, C1		A	4							27	212			At 1809 Katella St, Remove existing Curb Ramp and Replace with Sidewalk 212 SF and Curb and gutter 27 LF. Dual on NW corner.- Type C2 on NW-SW crossing and Type C1 on NW-NE crossing See A15 for Stop Bar Relocation
C22	BIOLA AV	REVENA ST	C2		A	C2	3				320	195						SE corner install a Type A 8 ft wide open curb ramp SW corner install a Type C2 8 ft wide open curb ramp Replace Cross gutter and spandrel at NW-SW leg of intersection See A29 for Stop Bar Relocation

Item	Street Name	Cross Street 1	PCC Curb Ramp NE (Type)	PCC Curb Ramp NW (Type)	PCC Curb Ramp SE (Type)	PCC Curb Ramp SW (Type)	Curb Ramp Count	Pedestrian Push Button Relocation	New Pedestrian Push Button	New Pedestrian Push Button Post	Cross Gutter (SF)	Cross Gutter (Spandrel) (SF)	Residential Concrete Driveway (SF)	Remove and Replace Curb and Gutter (LF)	Remove and Replace Existing Sidewalk (SF)	Pull Box (EA)	Historical Contractor Date Stamps and Historical Impressions(EA)	Task Comment
C23	KATELLA	REVENA ST					0						100	50	65			At 1891 Katella St remove existing Curb Ramp and replace with Sidewalk 33 SF and Curb and gutter 42 LF At 1844 Katella replace Driveway 100 SF and Sidewalk 32 SF and Curb and gutter 8 LF
C24	ALOSTA ST	BIOLA AV	C1	C2		C2	3											NW corner install a 8 ft wide open curb ramp. NE corner assure level landing to in front of private walkway
C25	ORO VISTA RD	ALOSTA ST	B		C2	C2	3				365	541						SE and SW corners install a 8 ft wide open curb ramps. Cross gutter and spandrel @ south leg of intersection See A30 for Stop Bar Relocation
C26	QUADRA AV	LEATHERWOOD ST			C2	A	2				785	551		90	455			At 2845 Quadra Ave replace Cross gutter and Curb and gutter 22 LF At 2825 Quadra Ave, remove existing curb ramp and replace with Sidewalk 455 SF and Curb and gutter 90 lf Replace Cross gutter and spandrels @ south leg of Quadra and Leatherwood intersection
C27	LAWNDALE ST	WARDLOW AV	C2, C2				2				335	200						Replace NW-NE crossing cross gutter Dowel new cross gutter to existing west spandrel.
C28	WARDLOW AV	INTERNATIONAL RD	C2	C2, C2	C2	C2, C2	6				680	1178						NE and SE corners install a 8 ft wide open curb ramps. Install New cross gutters and spandrels @ NW-SW crossing and NE-SE Crossing. See A32 for Stop Bar Relocation
C29	HAWAII AV	REEF DR				B	1				340	560						Dowel NE and SE ramps to existing spandrels. At East leg of intersection, remove and replace cross gutter
C30	VILLAGE PINE DR	MONTEREY PARK DR	C2, C1	C2, C1	C2, B	C2, C2	8				710	1150						Remove and replace Cross gutter and spandrels @ North and South legs of intersection NE Corner.-Type C2 on NE-SE Crossing and Type C1 on NE-NW Crossing NW Corner.- Type C1 NW-NE crossing and Type C2 on NW-SW crossing SE Corner.- Type B on SE-NE crossing and Type C2 on SE-SW crossing
C31	VILLAGE PINE DR	VILLAGE PINE WY	C1	A	C1	B	4							30	120			At NE Corner Remove and replace 30 LF curb and gutter and 120 SF sidewalk. See items T4 and T5. NE Corner install a 8 ft wide open curb ramp NW Corner install a 8 ft wide open curb ramp

Item	Street Name	Cross Street 1	PCC Curb Ramp NE (Type)	PCC Curb Ramp NW (Type)	PCC Curb Ramp SE (Type)	PCC Curb Ramp SW (Type)	Curb Ramp Count	Pedestrian Push Button Relocation	New Pedestrian Push Button	New Pedestrian Push Button Post	Cross Gutter (SF)	Cross Gutter (Spandrel) (SF)	Residential Concrete Driveway (SF)	Remove and Replace Curb and Gutter (LF)	Remove and Replace Existing Sidewalk (SF)	Pull Box (EA)	Historical Contractor Date Stamps and Historical Impressions(EA)	Task Comment
C32	VILLAGE PINE DR	HOWARD AV					0							110	440			At 3074 Village Pine Dr remove and replace 110 LF curb and gutter and 440 SF sidewalk. See item T2.
C33	MONTEREY PINE DR	VILLAGE PINE DR				B	1											
C34	MONTEREY PINE DR	TERRACE PINE DR	C1	C2	C1	E/C2	4							15	60		1	At 1530 Monterey Pine Dr on Terrace Pine Dr remove and replace 15 LF curb and gutter and 60 SF sidewalk. SW Corner install a 8 ft wide open curb ramp
C35	MONTEREY PINE DR	IRIS AV	B				1				475	500						Remove and replace cross gutter and spandrels @ South leg of intersection See A25 for Stop Bar Relocation

90 4 4 3 6012 8970 100 616 2681.5 1 13

APPENDIX N
TREE ESTIMATED QUANTITIES

Item	Segment ID	Street Name	Cross Street 1	Cross Street 2	Tree Root pruning/tree trimming & Barrier Installed	Small Tree Removal & Disposal (<24" Trunk Diameter)	Tree Scope of work
T1	SS-027910	VIA TONGA	VIA TONGA CT	PICADOR BL	2		At SW corner along 3283 Via Tonga. Root prune (2) Pine trees and install standard root barrier length of repair. See C1
T2	SS-027985	VILLAGE PINE DR	MONTEREY PARK DR	HOWARD (SB) AV	10		Eucalyptus trees starting about 130 ft from SW Corner (Village Pine Dr / Howard Ave.) and continues towards west direction. Root prune (10) eucalyptus trees and install standard root barrier length of repair. See C32
T3	SS-026800	TREMAINE WY	LEON AV	SATURN BL	3		At NW and W side of 1860 TREMAINE WY, SE corner at intersection Tremaine Wy/Leon Av, Root prune (3) Yucca trees and install standard root barrier length of repair. See C9
T4	SS-027986	VILLAGE PINE DR	VILLAGE PINE WY	MONTEREY PARK DR	3		At West and South side 1541 VILLAGE PINE WY Root prune (3) Ficus trees and install standard root barrier length of repair. Reduce trees crown 15%. See C31
T5	SS-027987	VILLAGE PINE DR	MONTEREY PARK DR	VILLAGE PINE WY	2	8	At South Side 1548 VILLAGE PINE WY Remove large shrubs (trees). Root prune and install standard root barrier length of curb ramp on west side See C31

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APPENDIX O
STREET MAINTENANCE SWEEP SCHEDULE

Item	SAPID	Street Name	Cross Street 1	Cross Street 2	Council District	TB Map Page	Sweep Schedule
A1	SS-027911	VIA TONGA CT	VIA TONGA	END	8	1330-D7	Not posted. Both sides Odd Month 4th Fri
A2	SS-027909	VIA TONGA	BEYER WY	VIA TONGA CT	8	1330-D7	Not posted. Both sides Odd Month 4th Fri
A3	SS-027910	VIA TONGA	VIA TONGA CT	PICADOR BL	8	1330-E7	Not posted. Both sides Odd Month 4th Fri
A4	SS-026799	TREMAINE WY	THERMAL AV	LEON AV	8	1350-A2	Not posted. Both sides Odd Month 3rd Fri
A5	SS-026800	TREMAINE WY	LEON AV	SATURN BL	8	1350-A2	Not posted. Both sides Odd Month 3rd Fri
A6	SS-002979	ATHERTON AV	HOLLISTER ST	BIOLA AV	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A7	SS-026562	TOCAYO AV	RODEAR RD	PLANICIE WY	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A8	SS-005300	CABRENA ST	BIOLA AV	ATHERTON AV	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A9	SS-026561	TOCAYO AV	PLANICIE WY	PREDIO CT	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A10	SS-023082	REVENA ST	ALOSTA ST	WARDLOW AV	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A11	SS-023083	REVENA ST	WARDLOW AV	KATELLA ST	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A12	SS-026559	TOCAYO AV	GAYO CT	HOLLISTER ST	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A13	SS-004239	BIOLA AV	KATELLA ST	REVENA ST	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A14	SS-004242	BIOLA AV	DORAN ST	KATELLA ST	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A15	SS-014932	KATELLA ST	BIOLA AV	REVENA ST	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A16	SS-002980	ATHERTON AV	BIOLA AV	CABRENA ST	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A17	SS-026560	TOCAYO AV	PREDIO CT	GAYO CT	8	1350-B3	Not posted. Both sides Odd Month 3rd Fri
A18	SS-012775	GROVE AV	25TH (SB) ST	27TH (SB) ST	8	1350-C1	Not posted. Both sides Odd Month 3rd Fri
A19	SS-027987	VILLAGE PINE DR	MONTEREY PINE DR	VILLAGE PINE WY	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A20	SS-027988	VILLAGE PINE WY	BEGIN	VILLAGE PINE DR	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A21	SS-000514	25TH (SB) ST	GROVE AV	IRIS AV	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A22	SS-018886	MONTEREY PINE DR	VILLAGE PINE DR	END	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A23	SS-026311	TERRACE PINE DR	BEGIN	TERRACE PINE LN	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A24	SS-026310	TERRACE PINE DR	TERRACE PINE LN	MONTEREY PINE DR	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A25	SS-018884	MONTEREY PINE DR	IRIS AV	TERRACE PINE DR	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A26	SS-018885	MONTEREY PINE DR	TERRACE PINE DR	VILLAGE PINE DR	8	1350-C2	Not posted. Both sides Odd Month 3rd Fri
A27	SS-002201	ALOSTA ST	BIOLA AV	ORO VISTA RD	8	1350-C3	Not posted. Both sides Odd Month 3rd Fri
A28	SS-022457	QUADRA AV	LAWNDALE ST	LEATHERWOOD ST	8	1350-C3	Not posted. Both sides Odd Month 4th Fri
A29	SS-004240	BIOLA AV	REVENA ST	ALOSTA ST	8	1350-C3	Not posted. Both sides Odd Month 3rd Fri
A30	SS-030279	ORO VISTA RD	ALOSTA ST	INTERNATIONAL RD	8	1350-C3	Not posted. Both sides Odd Month 3rd Fri
A31	SS-016209	LAWNDALE ST	QUADRA AV	WARDLOW AV	8	1350-C3	Not posted. Both sides Odd Month 4th Fri
A32	SS-030348	WARDLOW AV	REVENA ST	INTERNATIONAL RD	8	1350-C3	Not posted. Both sides Odd Month 3rd Fri
A33	SS-013200	HAWAII AV	REEF DR	CORONADO (SB) AV	8	1350-D1	Not posted. Both sides Odd Month 4th Fri
A34	SS-027985	VILLAGE PINE DR	MONTEREY PARK DR	HOWARD (SB) AV	8	1350-D2	Not posted. Both sides Odd Month 3rd Fri
A35	SS-027986	VILLAGE PINE DR	VILLAGE PINE WY	MONTEREY PARK DR	8	1350-D2	Not posted. Both sides Odd Month 3rd Fri
A36	SS-018883	MONTEREY PARK DR	VILLAGE PINE DR	END	8	1350-D2	Not posted. Both sides Odd Month 3rd Fri

APPENDIX P

PAVEMENT CORE SAMPLE RESULTS FOR SELECT STREETS

**CITY OF SAN DIEGO
MEMORANDUM**

DATE: March 12, 2020
TO: Eduardo Arias, Assistant Engineer – Civil, Street Division
FROM: Randy Encinas, Associate Engineer – Civil, Public Works
SUBJECT: Request for Pavement Coring, AC Resurfacing Group 1902, B-18135

Per your Memo requesting coring of the existing street pavement to determine the type and thickness of the pavement for the subject project dated January 15, 2020. Our results are as follow:

Sample No.	Location	Paving Thickness
1	Intersection of Via Tonga & Via Tonga Ct.	2 ¼” AC CTB
2	2655 Grove Ave.	3 ¾” AC CTB
3	Intersection of Grove Ave. & Caminito Avellano.	4” AC 5” PCC Native- Brown Silty Sand with Gravel
4	Intersection of 25 th St. & Grove Ave.	5”AC 8” CTB Native – Brown Sandy Clay with Cobble R-Value=63 SE=23
5	On 25 th St. ~ 800’ S/O Grove Ave.	5”AC 7” CTB Native – Brown Sandy Clay with Cobble R-Value=68 SE=25

6	On 25 th St. ~250' N/O Iris Ave.	12" AC Class II Base
7	2728 Terrace Pine Dr.	4 ½" AC Native – Dark Brown Clayey Sand R-Value=29 SE=14
8	2830 Terrace Pine Dr.	3" AC Native – Brown Silty Sand
9	1511 Monterey Pine Dr.	1 ¾" AC 6 ¾" CTB Native – Dark Brown Silty Sand with Clay R-Value=46 SE=16
10	Intersection of Monterey Pine Dr. & Village Pine Dr.	2" AC CTB
11	Intersection of Pine Wy. & Village Pine Dr.	2 ½" AC CTB
12	3054 Village Pine Dr.	2" AC 6 ½" CTB Native – Dark Brown Silty Sand with Clay R-Value=41 SE=15
13	1509 Hermes St.	1 ¾" AC Class II Base
14	1577 Hermes St.	4" AC Class II Base
15	1530 Lonian St.	3 ¾" AC Class II Base

16	1659 Lonian St.	3 ¾" AC Class II Base
17	1794 Tremaine Wy.	2" AC CTB
18	1890 Tremaine Wy.	2 ¼" AC CTB
19	On Tocayo Ave. ~ 80'E/O Rodear Dr.	2 ¾" AC CTB
20	Intersection of Tocayo Ave. & Gayo Ct.	2" AC CTB
21	2359 Atherton Ave.	2" AC CTB
22	1849 Cabrena St.	2 ¼" AC 5 ¾" Class II Base Native – Dark Brown Sandy Clay with Cobble R-Value=21 SE=11
23	1803 Cabrena St.	2 ¾" AC 6" Class II Base Native – Dark Brown Sandy Clay with Cobble R-Value=13 SE=10
24	2550 Biola Ave.	2 ½" AC 6" Class II Base Native – Light Brown Clayey Silty Sand with Cobble R-Value=12 SE=9

25	1804 Katella St.	2 ½" AC CTB
26	1891 Katella St.	2 ½" AC 5 ½" Class II Base Native – Light Brown Clayey Silty Sand with Cobble R-Value=5 SE=9
27	2648 Biola Ave.	2" AC CTB
28	1948 Oro Vista	1 ¾" AC Class II Base
29	2649 Wardlow Ave.	2" AC CTB
30	2838 Quadra Ave.	2 ½" AC CTB

Should you have any further questions or need additional assistance, please feel free to contact me at (858) 627-3289.

Randy Encinas

Cc: File

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 ATP General Engineering Contractors, herein called "Contractor" for construction of **Asphalt Resurfacing Group 1902**; Bid No. **K-21-1953-DBB-3**; in the total amount **Two Million Ninety Four Thousand Six Hundred Sixty Six Dollars (\$2,094,666.00)**, which is comprised of the Base Bid consisting of an amount not to exceed **Two Million Ninety Four Thousand Six Hundred Sixty Six Dollars (\$2,094,666.00)**.

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 **Asphalt Resurfacing Group 1902** on file in the office of the Engineering & Capital Projects Department as Document No. **B-18135** 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 **Asphalt Resurfacing Group 1902**, Bid Number **K-21-1953-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
Engineering & Capital Projects

Print Name: Ryan P. Gerrity
Deputy City Attorney

Date: 5/26/2021

Date: 5/26/2021

CONTRACTOR Hanson Aggregates Pacific Southwest LLC DBA ATP General Engineering Contractors

By 

Print Name: David A. Donnelly

Title: , Assistant Secretary

Date: 3/30/2021

City of San Diego License No.: B2010023183

State Contractor's License No.: 502506

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000012615

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

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:

Asphalt Resurfacing Group 1902

(Project Title)

as particularly described in said contract and identified as Bid No. **K-21-1953-DBB-3**; SAP No. (WBS) **B-18135**; 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

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 SDVOSB①	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 ^①	WHERE CERTIFIED ^②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

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

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

ELECTRONICALLY SUBMITTED FORMS

FAILURE TO FULLY COMPLETE AND SUBMIT ANY OF THE FOLLOWING FORMS WILL DEEM YOUR BID NON-RESPONSIVE.

PLANETBIDS WILL NOT ALLOW FOR BID SUBMISSIONS WITHOUT THE ATTACHMENT OF THESE FORMS

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 FOR PRIME CONTRACTOR**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**

BID BOND

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

KNOW ALL MEN BY THESE PRESENTS,

That Hanson Aggregates Pacific Southwest LLC DBA ATP General Engineering Contractors as Principal, and Travelers Casualty and Surety Company of America 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

Asphalt Resurfacing Group 1902. -K-21-1953-DBB-3

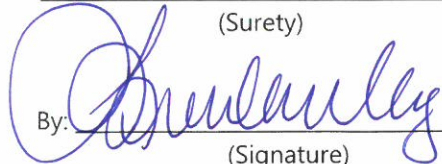
NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes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

SIGNED AND SEALED, this 17th day of February, 2021

Hanson Aggregates Pacific Southwest LLC
DBA ATP General Engineering Contractors (SEAL)
(Principal)

By: 
(Signature) David A. Donnelly,
Assistant Secretary

Travelers Casualty and Surety
Company of America (SEAL)
(Surety)

By: 
(Signature)
Brenda Wong, Attorney-in-Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT CIVIL CODE §1189

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

State of California

County of Los Angeles

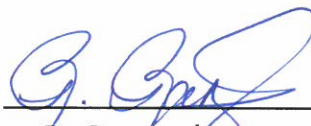
On FEB 17 2021 before me, R.Rangel, Notary Public, personally appeared Brenda Wong who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~ 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.

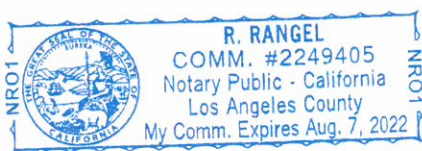
WITNESS my hand and official seal.

(seal)

Signature



R. Rangel, Notary Public





**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Brenda Wong of Los Angeles, California, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **3rd** day of **February**, 2017.



State of Connecticut

City of Hartford ss.

By:
Robert L. Raney, Senior Vice President

On this the **3rd** day of **February**, 2017, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2021



Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 17th day of February, 2021



Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which the power is attached.**

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
10/15/18	California Superior Court County of San Diego	McDonald v. ATP General Engineering Contractors, LLC; Case No. 37-2018-00052380-CU-WT-CTL; Employment Discrimination	N	dismissed	The claim was meritless

Contractor Name: Hanson Aggregates Pacific Southwest LLC. DBA ATP General Engineering Contractors

Certified By David A. Donnelly Title Assistant Secretary
 Signature
 Date 2/24/21

USE ADDITIONAL FORMS AS NECESSARY

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
Hanson Aggregates Pacific Southwest LLC		DBA ATP General Engineering Contractors	
Street Address	City	State	Zip
4212 Ponderosa Ave, STE C	San Diego	CA	92123
Contact Person, Title		Phone	Fax
Barbara Jacob, Estimating Assistant		619-777-8100	858-292-1079

barbara.jacob@lehighhanson.com

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
David A. Donnelly	Assistant Secretary / Managing Officer
City and State of Residence	Employer (if different than Bidder/Proposer)
Poway, CA	Same
Interest in the transaction	
0 %	

Name	Title/Position
Ian R. Firth	Vice President
City and State of Residence	Employer (if different than Bidder/Proposer)
Ramona, CA	Same
Interest in the transaction	
0%	

* 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.

David A. Donnelly, Assistant Secretary



2/24/21

Print Name, Title

Signature

Date

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.

DEBARMENT AND SUSPENSION CERTIFICATION
PRIME CONTRACTOR
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

EFFECT OF DEBARMENT OR SUSPENSION

To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible bidders and contractors. In accordance with San Diego Municipal Code §22.0814 (a): *Bidders and contractors* who have been *debarred or suspended* are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving *contract* awards, executing *contracts*, participating as a *subcontractor*, employee, agent or representative of another *person* contracting with the City.

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).

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

NAME	TITLE
David A. Donnelly	Assistant Secretary
Ian Firth	Vice President

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

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, officer, manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State or local agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State or local agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

None

Exceptions will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Contractor Name: Hanson Aggregates Pacific Southwest LLC. DBA ATP General Engineering Contractors

Certified By David A. Donnelly Title Assistant Secretary


 Name

 Signature

Date 2/24/21

NOTE: Providing false information may result in criminal prosecution or administrative sanctions.

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

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
Ryan T. Clark	Owner

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: Southwes Traffic Signal Service, Inc.

Certified By Ahmed Hussein Title Project Manager / Estimator

Name

Ahmed h

Signature

Date 2/24/2021

USE ADDITIONAL FORMS AS NECESSARY*

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

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
David Brilhante	Owner/President

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: **Statewide Stripes Inc.**

Certified By **Sean Bayot** Title **Estimator/PM**

Sean Bayot Digitally signed by Sean Bayot
Date: 2021.02.24 09:23:17
-08'00' Date **2.24.21**

Signature

USE ADDITIONAL FORMS AS NECESSARY*

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
Harry Coalson	CEO
Lynnette Coalson	VP

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: LC Tree Service

Certified By: Harry Coalson Title: CEO

Name

 Date: 2-24-21

Signature

USE ADDITIONAL FORMS AS NECESSARY

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
 TO BE COMPLETED BY BIDDER

FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

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
JOHN CORCORAN	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUB Contractor Name: MANHOLE ADJUSTING INC

Certified By ABEL RUIZ Title ESTIMATOR

Name

 Date 2/24/21

Signature

*USE ADDITIONAL FORMS AS NECESSARY**

**DEBARMENT AND SUSPENSION CERTIFICATION
 SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
 TO BE COMPLETED BY BIDDER
 FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE**

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
Rodolfo Sanchez	President

SUBCONTRACTOR SUPPLIER MANUFACTURER

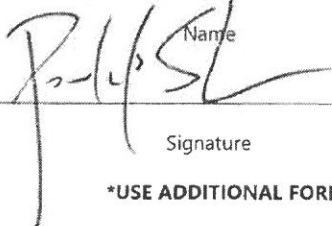
NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: YBS Concrete, inc
 Certified By Rodolfo Sanchez Title President
 Signature  Date 2/24/2021
 Name
 Signature

*USE ADDITIONAL FORMS AS NECESSARY**

SUBCONTRACTOR LISTING

(OTHER THAN FIRST TIER)

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 is to list below the name, address, license number, DIR registration number of any (known tiered subcontractor) - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract. If none are known at this time, mark the table below with non-applicable (N/A).**

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	DIR REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____	None to report			
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____				

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

Bid Results

Bidder Details

Vendor Name Hanson Aggregates Pacific Southwest LLC.DBA ATP General Engineering Contractors
 Address 4211 Ponderosa Ave, Ste C
 San Diego, California 92123
 United States
 Respondee David Donnelly
 Respondee Title Assistant Secretary
 Phone 619-777-8100
 Email barbara.jacob@lehighhanson.com
 Vendor Type PQUAL
 License # 502506
 CADIR

Bid Detail

Bid Format Electronic
 Submitted 02/24/2021 1:25 PM (PST)
 Delivery Method
 Bid Responsive
 Bid Status Submitted
 Confirmation # 244016
 Ranking 0

Respondee Comment

Buyer Comment

Bond

eBond Contract ID

Attachments

File Title	File Name	File Type
B21-014 DEBARMENT AND SUSPENSION CERTIFICATION.pdf	B21-014 DEBARMENT AND SUSPENSION CERTIFICATION.pdf	General Attachments
B21-014 CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS.pdf	B21-014 CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS.pdf	General Attachments
B21-014 Bid Bond.pdf	B21-014 Bid Bond.pdf	Bid Bond
B20-014 Debarment - Subs signed .pdf	B20-014 Debarment - Subs signed .pdf	General Attachments
B21-014 Mandatory Disclosure of Business Interests Form.pdf	B21-014 Mandatory Disclosure of Business Interests Form.pdf	General Attachments

Subcontractors

Showing 5 of undefined Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
LC Tree Service 4455 Murphy Canyon Road, Suite San Diego, California 92123	Constructor Tree Service	979396	1000059286	\$19,000.00	ELBE, CADIR, MALE, CAU
Manhole Adjusting Inc. 9500 Beverly Rd. Pico Rivera, California 90660	Constructor Utilities Adjust	398443	1000004104	\$33,270.00	
Southwest Signal 9201 Isaac St STE A Santee, California 92071	Constructor Electrical	451115	1000004265	\$21,230.00	
Statewide Stripes, Inc PO Box 600710 San Diego, California 92160-0710	Constructor - Striping	788286	1000001334	\$17,250.00	
YBS Concrete, Inc. 1205 S. 43rd STE 150 San Diego, California 92113	Constructor - Minor Concrete	885270	1000641763	\$610,000.00	SLBE

Line Items

Item #	Item Code	Section	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
1	524126	Main Bid		Bonds (Payment and Performance)	LS	1	\$25,000.00	\$25,000.00	Yes	
2		Main Bid		Field Orders (EOC Type II)	AL	1	\$120,000.00	\$120,000.00	Yes	
3	237310	Main Bid		Compensation Adjustments for Price Index Fluctuation (EOC Type I)	AL	1	\$120,000.00	\$120,000.00	Yes	
4	237310	Main Bid		Excavation for Base Repair	CY	1075	\$108.00	\$116,100.00	Yes	
5	237110	Main Bid		Excavation for Base Repair (Unscheduled)	CY	280	\$107.00	\$29,960.00	Yes	
6	237310	Main Bid		Asphalt Pavement Repair	SF	5000	\$2.50	\$12,500.00	Yes	
7	237310	Main Bid		Asphalt Concrete Base	TON	1100	\$60.00	\$66,000.00	Yes	
8	237310	Main Bid		Crushed Miscellaneous Base	TON	2150	\$7.00	\$15,050.00	Yes	
9	237110	Main Bid		Crushed Miscellaneous Base (Unscheduled)	TON	560	\$7.00	\$3,920.00	Yes	
10	237310	Main Bid		Asphalt Concrete	TON	8100	\$77.00	\$623,700.00	Yes	
11	237310	Main Bid		Historical and Contractor Date Stamps and Impressions	EA	13	\$150.00	\$1,950.00	Yes	
12	237310	Main Bid		Remove and Replace Existing Sidewalk	SF	2700	\$9.75	\$26,325.00	Yes	
13	237310	Main Bid		Remove and Replace Curb and Gutter	LF	620	\$45.00	\$27,900.00	Yes	
14	237310	Main Bid		Cross Gutter	SF	14000	\$15.00	\$210,000.00	Yes	
15	237310	Main Bid		Residential Concrete Driveway	SF	100	\$26.00	\$2,600.00	Yes	
16	237310	Main Bid		Curb Ramp	EA	91	\$3,800.00	\$345,800.00	Yes	
17	237110	Main Bid		Pull Box	EA	1	\$250.00	\$250.00	Yes	
18	237310	Main Bid		Removal and Replacement of Existing Paint Striping	LS	1	\$17,500.00	\$17,500.00	Yes	
19	238990	Main Bid		Video Recording of Existing Conditions	LS	1	\$7,500.00	\$7,500.00	Yes	
20	238910	Main Bid		Small Tree Removal & Disposal (less than 24 Inch Trunk Diameter)	EA	8	\$500.00	\$4,000.00	Yes	
21	237310	Main Bid		Raise Appurtenance to Grade (Water, Sewer)	EA	20	\$1,125.00	\$22,500.00	Yes	
22	237310	Main Bid		Adjust Survey Monument to Grade	EA	4	\$820.00	\$3,280.00	Yes	
23	237310	Main Bid		Reconstruct Survey Monument Box	EA	5	\$1,500.00	\$7,500.00	Yes	
24	237310	Main Bid		Traffic Detector Loop Replacement	EA	23	\$460.00	\$10,580.00	Yes	
25	237310	Main Bid		Cold Mill Type B Full Width AC Pevement (2 Inch)	SF	412000	\$0.21	\$86,520.00	Yes	
26	237310	Main Bid		Cold Mill Type B Full Width AC Pevement (3 Inch)	SF	82000	\$0.21	\$17,220.00	Yes	
27	237310	Main Bid		Cold Mill Type A 6 Feet Edge AC Pevement (2 Inch)	SF	45000	\$0.21	\$9,450.00	Yes	
28	237310	Main Bid		Cold Mill Header Cuts	LF	210	\$6.00	\$1,260.00	Yes	
29	237310	Main Bid		Speed Hump Remove and Replace	LF	340	\$60.00	\$20,400.00	Yes	
30	541330	Main Bid		Traffic Control and Working Drawings	LS	1	\$67,751.00	\$67,751.00	Yes	
31	541330	Main Bid		Traffic Control and Engineered Traffic Control Plans	LS	1	\$20,000.00	\$20,000.00	Yes	
32	238210	Main Bid		Pedestrian Push Button Relocation	EA	4	\$600.00	\$2,400.00	Yes	
33	238210	Main Bid		New Pedestrian Push Button	EA	4	\$600.00	\$2,400.00	Yes	
34	238210	Main Bid		New Pedestrian Push Button Post	EA	3	\$1,950.00	\$5,850.00	Yes	
35	561730	Main Bid		Tree Root pruning, Barrier and Crown Reduction	EA	20	\$750.00	\$15,000.00	Yes	
36	541330	Main Bid		WPCP Development	LS	1	\$1,500.00	\$1,500.00	Yes	
37	237310	Main Bid		WPCP Implementation	LS	1	\$25,000.00	\$25,000.00	Yes	

Line Item Subtotals

Section Title	Line Total
Main Bid	\$2,094,666.00
Grand Total	\$2,094,666.00

Line Totals (Unit Price * Quantity)								
Item Num	Section	Item Code	Description	Reference	Unit of Measure	Quantity	Hanson Aggregates Pacific Southwest LLC.DBA ATP General	Hanson Aggregates Pacific Southwest LLC.DBA ATP General
1	Main Bid	524126	Bonds (Payment and	1-7.2.1	LS	1	\$25,000.00	\$25,000.00
2	Main Bid		Field Orders (EOC Type II)	7-3.9	AL	1	\$120,000.00	\$120,000.00
3	Main Bid	237310	Compensation Adjustments for Price Index Fluctuation (EOC	7-3.11	AL	1	\$120,000.00	\$120,000.00
4	Main Bid	237310	Excavation for Base Repair	300-2.9	CY	1075	\$108.00	\$116,100.00
5	Main Bid	237110	Excavation for Base Repair	300-2.9	CY	280	\$107.00	\$29,960.00
6	Main Bid	237310	Asphalt Pavement Repair	301-1.7	SF	5000	\$2.50	\$12,500.00
7	Main Bid	237310	Asphalt Concrete Base	301-1.7	TON	1100	\$60.00	\$66,000.00
8	Main Bid	237310	Crushed Miscellaneous Base	301-2.4	TON	2150	\$7.00	\$15,050.00
9	Main Bid	237110	Crushed Miscellaneous Base	301-1.7	TON	560	\$7.00	\$3,920.00
10	Main Bid	237310	Asphalt Concrete	302-5.9	TON	8100	\$77.00	\$623,700.00
11	Main Bid	237310	Historical and Contractor Date Stamps and Impressions	303-5.9	EA	13	\$150.00	\$1,950.00
12	Main Bid	237310	Remove and Replace Existing	303-5.9	SF	2700	\$9.75	\$26,325.00
13	Main Bid	237310	Remove and Replace Curb and	303-5.9	LF	620	\$45.00	\$27,900.00
14	Main Bid	237310	Cross Gutter	303-5.9	SF	14000	\$15.00	\$210,000.00
15	Main Bid	237310	Residential Concrete Driveway	303-5.9	SF	100	\$26.00	\$2,600.00
16	Main Bid	237310	Curb Ramp	303-5.10.2	EA	91	\$3,800.00	\$345,800.00
17	Main Bid	237110	Pull Box	701-2	EA	1	\$250.00	\$250.00
18	Main Bid	237310	Removal and Replacement of Existing Paint Striping	314-4.3.7	LS	1	\$17,500.00	\$17,500.00
19	Main Bid	238990	Video Recording of Existing	400-1.1.1	LS	1	\$7,500.00	\$7,500.00
20	Main Bid	238910	Small Tree Removal & Disposal (less than 24 Inch Trunk	401-7	EA	8	\$500.00	\$4,000.00
21	Main Bid	237310	Raise Appurtenance to Grade	403-5	EA	20	\$1,125.00	\$22,500.00
22	Main Bid	237310	Adjust Survey Monument to	403-5	EA	4	\$820.00	\$3,280.00
23	Main Bid	237310	Reconstruct Survey Monument	403-5	EA	5	\$1,500.00	\$7,500.00
24	Main Bid	237310	Traffic Detector Loop	404-12	EA	23	\$460.00	\$10,580.00
25	Main Bid	237310	Cold Mill Type B Full Width AC Pevement (2 Inch)	404-12	SF	412000	\$0.21	\$86,520.00

